D

# Funktionsübersicht

## für

# CAN-Bus-Interface CAN.M2

**Art. CANM2**

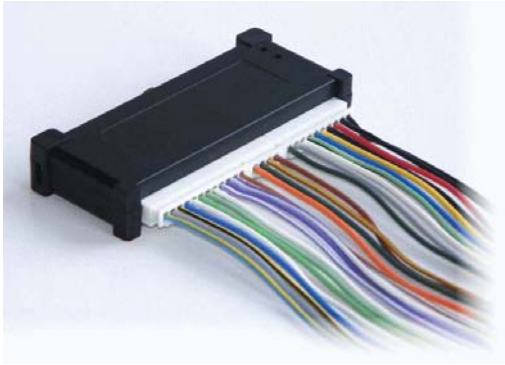
[Plug-and-Play CAN-Bus-Interface für Magicar-M2-Serie]

## und

# CAN-Bus-Interface CAN.3

**Art. CAN003**

[universelles CAN-Bus-Interface]



V1.77

Diese Code-Liste ist gültig sowohl für das universelle CAN-Bus-Interface CAN.3, als auch für das spezifische Magicar Interface CAN.M2. Exemplarisch werden die jeweiligen Fahrzeuge anhand des Schemas des **universellen CAN-Bus-Interfaces CAN.3** mit offenen Kabelenden dargestellt. Deshalb sind in nachfolgender Übersicht sowohl die Pin-/Ein-/Ausgangsnummern, als auch deren Polarität dargestellt. Dies ist bei dem **spezifischen Magicar Interface CAN.M2** jedoch zu vernachlässigen, da sämtliche Signale per Datenaustausch intern behandelt werden.

Fahrzeug/Modell ↓ Baujahr ab ↓ CODE ↓

Ein-/Ausgang; Polarität { Funktionen { Hinweise {

**MERCESES C (205)** year: **2014 →** with and without Keyless System programme №: **485** from:

connector 15 pin

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Polarität | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT ~ | OUT + | OUT + |
| Funktionen | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| Hinweise | + | + | + | - | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Polarität | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| Funktionen | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock |
| Hinweise | + | + | + | + | + | + | + | - |

connector 10 pin

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Polarität | OUT + | IN ~ | IN ~ | IN ~ | IN ~ | IN ~ | IN ~ | IN ~ | IN ~ | IN + |
| Funktionen | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| Hinweise | + | - | - | - | + | + | + | + | + | + |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

**grüne Felder: Funktion gegeben**
**rote Felder: Funktion nicht gegeben**

**TIP: Fragen Sie Ihren Verkäufer nach einer fahrzeugspezifischen Einbauhilfe!**

## ANSCHLUß-ÜBERSICHT-TABELLE

| | | | |
|---|---|---|---|
| 15-1 | blau/hellblau | ***Driver door sensor*** | Masse bei geöffneter Fahrertür |
| 15-2 | schwarz/hellblau | ***Passengers door sensor*** | Masse bei geöffneter Beifahrertür/Hecktür |
| 15-3 | gelb/hellblau | ***Trunk sense*** | Masse bei geöffneter Heckklappe |
| 15-4 | rot/hellblau | ***Hood sense*** | Masse bei geöffneter Motorhaube |
| 15-5 | grün | ***Factory alarm++*** | Masse bei ausgelöster Werksalarmanlage |
| 15-6 | violett | ***Armed state*** | Masse bei verschlossenem Fahrzeug per Werksfernbedienung (z.B. für GPS/GSM Modul uvm.) |
| 15-7 | rot/violett | ***Lock factory remote*** | 0.5sec Masse Impuls bei Schließen per Werksfernbedienung |
| 15-8 | weiß/violett | ***Unlock factory remote*** | 0.5sec Masse Impuls bei Öffnen per Werksfernbedienung |
| 15-9 | braun | ***Switches combination*** | *nicht verwenden* |
| 15-10 | rot/pink | ***Handbrake / Parking*** | Masse sofern Fahrzeug in Parkposition („P"/Handbremse betätigt) |
| 15-11 | gelb/braun | ***Speed 10kmph*** | Masse bei Erreichen von 10km/h. Reset durch Zündung aus. |
| 15-12 | schwarz/gelb | ***Engine run*** | Masse bei eingeschalteter Zündung. Masse fällt weg, sofern Motor gestartet wird bzw. läuft |
| 15-13 | weiß/braun | ***Engine speed (RPM)*** | Drehzahlimpuls bei laufendem Motor |
| 15-14 | orange | ***Ignition*** | 12V Signal bei eingeschalteter Zündung |
| 15-15 | schwarz/orange | ***Key in Ignition*** | 12V Signal bei gestecktem Zündschlüssel |

| | | | |
|---|---|---|---|
| 8-1 | rot | ***PWR +12V*** | 12V Dauerplus anschließen |
| 8-2 | schwarz | ***GND*** | Masse anschließen |
| 8-3 | weiß/braun | ***CAN1-H*** | CAN-High anschließen |
| 8-4 | braun | ***CAN1-L*** | CAN-Low anschließen *(nicht, wenn rot markiert in Fahrzeugliste)* |
| 8-5 | weiß/grün | ***CAN2-H*** | CAN2-High anschließen *(falls für gewünschte Funktion erforderlich)* |
| 8-6 | grün | ***CAN2-L*** | CAN2-Low anschließen *(falls für gewünschte Funktion erforderlich)* |
| 8-7 | grau | ***Alter. control blinkers*** | Sofern Blinker nicht via CAN-Bus funktionieren, kann dieses Kabel an den Warnblinkschalter angeschlossen werden. *Hinweise hierzu finden Sie auf oben angesprochener fahrzeugspezifischer Einbauhilfe.* |
| 8-8 | blau | ***Alter. control central lock*** | Sofern Zentralverriegelung nicht via CAN-Bus funktioniert, kann dieses Kabel am ZV-Modul angeschlossen werden. *Hinweise hierzu finden Sie auf oben angesprochener fahrzeugspezifischer Einbauhilfe.* |

| | | | |
|---|---|---|---|
| 10-1 | rot/pink | ***Footbrake*** | 12V bei betätigter Fußbremse |
| 10-2 | weiß | ***Drivers door opening sim.*** | mit Masse-Impuls an diesem Eingang wird das Öffnen der Fahrertür simuliert |
| 10-3 | schwarz/grün | ***Stop engine*** | Motor stoppt durch Masse-Signal *(bei Motorfernstartfunktion)* |
| 10-4 | violett/grün | ***Start engine*** | Motor startet durch Masse-Signal *(bei Motorfernstartfunktion)* |
| 10-5 | orange/grün | ***Comfort closure*** | Schließt Fenster, sofern Masse anliegt *(z.B. mit 10-9 verbinden und ZV-Schließ-Signal in Anlage auf ca. 15sec einstellen)* |
| 10-6 | grün/weiß | ***Trunk release*** | Öffnet Kofferraum durch Masse-Impuls |
| 10-7 | violett/weiß | ***All doors unlock*** | Öffnet die Zentralverriegelung durch Masse-Impuls |
| 10-8 | schwarz/weiß | ***Driver door unlock*** | Öffnet die Fahrertür durch Masse-Impuls |
| 10-9 | rot/weiß | ***All doors lock*** | Schließt die Zentralverriegelung durch Masse-Impuls *(z.B. mit 10-5 verbinden und ZV-Schließ-Signal in Anlage auf ca. 15sec einstellen)* |
| 10-10 | gelb | ***Turn signal control*** | Blinker werden gesteuert durch 12V-Signal |

## ACURA MDX

year: **2007 →** programme №: **167** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments:

Switches:

## ACURA RDX

year: **2010 →** with and without Keyless System programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## ACURA RDX

year: **2007 →** with and without Keyless System programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## ACURA TL

year: **2004 →** programme №: **167** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## ACURA TSX

year: **2009 →** programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## ACURA TSX

year: **2004 →** programme №: **167** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## ALFA ROMEO 147

year: **2005 →** programme №: **128** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | — | — | — | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## ALFA ROMEO 159

year: **2005 →** programme №: **128** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: For correct operation of "Driver door unlock" function, 2-stage opening of the central locking must be set in the MENU of car settings. Func. "Comfort closure" works only when the central lock is closed. Func. "Window roll-down" works only when the central lock is opened.

Switches:

## ALFA ROMEO BRERA

year: **2008 →** programme №: **128** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Func. "Driver door unlock" = func "All doors unlock""; Func. "Comfort closure" works only when the central lock is closed; Func. "Window roll-down" works only when the central lock is opened.

Switches:

## ALFA ROMEO GIULIETTA

year: **2010 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## ALFA ROMEO GT

year: **2005 →** programme №: **128** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | — | — | — | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## ALFA ROMEO MITO

year: **2009 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## ASTON MARTIN VANTAGE V8

year: **2009 →** with and without Keyless System programme №: **397** from: **2013-05-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P, ⊗, 🔑

## AUDI A1 (8X)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⊗, FL, FR, RR, RL

## AUDI A3 (8V)

year: **2013 →** with and without Keyless System programme №: **448** from: **2014-02-21**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | – | – | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Module closes windows in two stages (first front, then rear).

Switches: ⊕, ⊖, △, ▽, ▷, ◁, OK, P, ⊗, 🔑, FL, FR, RR, RL, 🎧, 🔇

## AUDI A3 / S3 (8P)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⊗, FL, FR, RR, RL

## AUDI A3 / S3 (8P)

year: **2003 →** programme №: **136** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P, ⊗

## AUDI A4 (FL)

year: **2012 →** with and without Keyless System programme №: **158** from: **2014-05-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap.

Switches: ⊕, ⊖, △, ▽, MODE, OK, P, ⊗, 🔑, FL, FR, RR, RL, 🕒, 🕒, 🕒, 🎧, 🔇

## AUDI A4 / S4 (8K)

**year:** **2008 →** with and without Keyless System **programme №:** **158** **from:** **2014-05-22**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.

Switches: FL FR RR RL

## AUDI A4 / S4 (8E)

**year:** **2005 →** **programme №:** **132** **from:** **2013-03-13**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## AUDI A4 / S4 (8E)

**year:** **2001 →** **programme №:** **132** **from:** **2013-03-13**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## AUDI A5 (AF)

**year:** **2013 →** with and without Keyless System **programme №:** **158** **from:** **2014-05-22**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: MODE OK NAVI FL FR RR RL SET+ SET-

## AUDI A5 / S5 (8T)

**year:** **2007 →** with and without Keyless System **programme №:** **158** **from:** **2014-05-22**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: MODE OK FL FR RR RL SET+ SET-

## AUDI A6 (4G)

**year:** **2011 →** with and without Keyless System **programme №:** **273** **from:** **2014-05-22**

connector 15 pin

| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: FL FR RR RL

## AUDI A6 (4B)

year: **1998 →** programme №: **262** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## AUDI A6 / S6 / RS6 (4F)

year: **2005 →** with and without Keyless System programme №: **131** from: **2013-04-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## AUDI A7 (FC)

year: **2012 →** with and without Keyless System programme №: **273** from: **2014-05-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: FL FR RR RL SET+ SET-

## AUDI A7 (4G)

year: **2010 →** with and without Keyless System programme №: **273** from: **2014-05-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: FL FR RR RL

## AUDI A8 (4H)

year: **2010 →** with and without Keyless System programme №: **273** from: **2014-05-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: GEAR+ GEAR- FL FR RR RL SET+ SET-

## AUDI A8 / S8 (4E)

year: **2003 →** with and without Keyless System programme №: **171** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## AUDI ALLROAD (4F)

**year:** 2006 → with and without Keyless System **programme №:** 131 **from:** 2013-04-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches: P, ⟲

## AUDI Q5 (8R)

**year:** 2008 → with and without Keyless System **programme №:** 158 **from:** 2014-05-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ⟲, FL, FR, RR, RL

## AUDI Q7 (4L)

**year:** 2005 → with and without Keyless System **programme №:** 131 **from:** 2013-04-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches: P, ⟲

## AUDI R8 (42)

**year:** 2008 → with and without Keyless System **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲

## AUDI TT (8J)

**year:** 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲, FL, FR

## AUDI TT / TTS (8J)

**year:** 2006 → with and without Keyless System **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲

## BENTLEY CONTINENTAL GT (3W)

year: **2005 →** with and without Keyless System programme №: **211** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## BMW 1 (F20)

year: **2011 →** with and without Keyless System programme №: **275** from: **2014-04-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW 1 (E81 / E82 / E87 / E88)

year: **2004 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW 3 (F30)

year: **2012 →** with and without Keyless System programme №: **275** from: **2014-04-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW 3 (E90 / E91 / E92 / E93)

year: **2005 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW 3GT (F34)

year: **2013 →** with and without Keyless System programme №: **458** from: **2013-12-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: MODE OK FL FR

## BMW 4 (F32)

**year:** 2013 → with and without Keyless System **programme №:** 457 **from:** 2013-12-03

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

## BMW 5 (F10 / F11)

**year:** 2010 → with and without Keyless System **programme №:** 275 **from:** 2014-04-28

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW 5 (F18)

**year:** 2010 → with and without Keyless System **programme №:** 275 **from:** 2014-04-28

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW 5 (E60 / E61)

**year:** 2003 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW 6 (E63 / E64)

**year:** 2005 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW 7 (F01/F02)

**year:** 2008 → with and without Keyless System **programme №:** 275 **from:** 2014-04-28

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW 7 (E65 / E66)

year: **2005 →** without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW 7 (E65 / E66) (Keyless)

year: **2005 →** with Keyless System programme №: **137** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW GT (F07)

year: **2009 →** with and without Keyless System programme №: **275** from: **2014-04-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW X1 (E84)

year: **2009 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches: MODE

## BMW X3 (F25)

year: **2010 →** with and without Keyless System programme №: **351** from: **2014-04-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches: MODE OK SET+ SET-

## BMW X5 (F15)

year: **2013 →** with and without Keyless System programme №: **457** from: **2013-12-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: MODE OK

## BMW X5 (E70)

**year:** 2007 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW X5 (E53)

**year:** 1999 → **programme №:** 293 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## BMW X6 (E71)

**year:** 2008 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BMW Z4 (E89)

**year:** 2009 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: For car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

## BRILLIANCE V5

**year:** 2013 → with Keyless System **programme №:** 515 **from:** preliminary

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CADILLAC ATS

**year:** 2013 → with and without Keyless System **programme №:** 425 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## CADILLAC BLS

year: **2006 →** programme №: **126** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## CADILLAC CTS

year: **2008 →** programme №: **227** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CADILLAC CTS COUPE

year: **2010 →** programme №: **227** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CADILLAC ESCALADE

year: **2007 →** programme №: **198** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: Function "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CADILLAC SRX

year: **2010 →** with and without Keyless System programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## CADILLAC SRX

year: **2007 →** programme №: **198** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: Function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

## CADILLAC STS

year: **2008 →** with and without Keyless System programme №: **229** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## CHANGAN CS35

year: **2013 →** programme №: **512** from: **preliminary**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CHEVROLET AVEO

year: **2011 →** with and without Keyless System programme №: **243** from: **2013-09-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## CHEVROLET CAPTIVA

year: **2014 →** with and without Keyless System programme №: **149** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: Function "Trunk release" opens the window in trunk door. Function "Turn signal control" control lights and siren.

Switches:

## CHEVROLET CAPTIVA

year: **2011 →** programme №: **149** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CHEVROLET CAPTIVA

year: **2007 →** programme №: **149** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CHEVROLET COBALT

**year:** 2012 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## CHEVROLET CRUZE

**year:** 2009 → with and without Keyless System **programme №:** 243 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## CHEVROLET MALIBU

**year:** 2013 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## CHEVROLET ORLANDO

**year:** 2010 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## CHEVROLET TAHOE

**year:** 2008 → **programme №:** 198 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: Function "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CHEVROLET TRAILBLAZER

**year:** 2012 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## CHEVROLET TRAX

year: **2013 →** with and without Keyless System programme №: **243** from: **2013-09-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## CHRYSLER 300C

year: **2005 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## CHRYSLER GRAND VOYAGER

year: **2011 →** with and without Keyless System programme №: **245** from: **2013-12-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | + | + | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CHRYSLER GRAND VOYAGER

year: **2008 →** programme №: **135** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CHRYSLER GRAND VOYAGER

year: **2008 →** programme №: **245** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## CHRYSLER PT CRUISER

year: **2006 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## CHRYSLER SEBRING

year: **2007 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## CITROEN BERLINGO

year: **2008 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN BERLINGO

year: **2008 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN BERLINGO (First VP / VU)

year: **2003 →** programme №: **292** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | + | + | + | + | + | — |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CITROEN BERLINGO

year: **2003 →** programme №: **292** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | + | + | + | + | + | — |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## CITROEN BERLINGO MULTISPACE

year: **2012 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches:

## CITROEN BERLINGO MULTISPACE

**year: 2012 →** ( without factory alarm ) **programme №: 193** **from: 2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C-CROSSER

**year: 2007 →** with and without Keyless System **programme №: 142** **from: 2013-04-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | – | |

Comments:

Switches:

## CITROEN C-ELYSEE

**year: 2013 →** **programme №: 298** **from: 2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | – | | | – | – | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## CITROEN C2

**year: 2006 →** ( with factory alarm ) **programme №: 143** **from: 2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C2

**year: 2006 →** ( without factory alarm ) **programme №: 193** **from: 2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C3

**year: 2010 →** ( with factory alarm ) **programme №: 143** **from: 2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C3

year: **2010 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C3

year: **2006 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C3

year: **2006 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C3 PICASSO

year: **2009 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C3 PICASSO

year: **2009 →** programme №: **192** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

## CITROEN C3 PICASSO

year: **2009 →** programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C4 (EXCLUSIVE)

year: **2013 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches: P

## CITROEN C4 (SEDUCTION)

year: **2013 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments:

Switches: SRC ENTER LIST MEM SET+ SET- ASL

## CITROEN C4

year: **2013 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: P

## CITROEN C4

year: **2011 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches: P

## CITROEN C4

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: P

## CITROEN C4

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches: P

## CITROEN C4 AIRCROSS

year: **2013 →** with and without Keyless System programme №: **451** from: **2013-11-04**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | – | |

Comments:

Switches:

## CITROEN C4 GRAND PICASSO (INTENSIVE)

year: **2013 →** with Keyless System only programme №: **495** from: **2014-04-08**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches: SRC MODE ENTER LIST MEM SET+ SET- ASL

## CITROEN C4 GRAND PICASSO (EXCLUSIVE)

year: **2013 →** with Keyless System only programme №: **495** from: **2014-04-08**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches: SRC MODE ENTER LIST MEM SET+ SET- ASL

## CITROEN C4 PICASSO (EXCLUSIVE)

year: **2013 →** with Keyless System only programme №: **495** from: **2014-04-08**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches: SRC MODE ENTER LIST MEM SET+ SET- ASL

## CITROEN C4 PICASSO (INTENSIVE)

year: **2013 →** with Keyless System only programme №: **495** from: **2014-04-08**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches: SRC MODE ENTER LIST MEM SET+ SET- ASL

## CITROEN C4 PICASSO

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C4 PICASSO

**year:** 2007 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C5

**year:** 2008 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C5

**year:** 2008 → **programme №:** 192 **from:** 2013-03-13

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

## CITROEN C5

**year:** 2008 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C5

**year:** 2004 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C5

**year:** 2004 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C6

**year:** 2005 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN C6

**year:** 2005 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN C8

**year:** 2002 → ( with factory alarm ) **programme №:** 143 **from:** 2014-03-11

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: MODE NAVI FR RR RL

## CITROEN C8

**year:** 2002 → ( without factory alarm ) **programme №:** 193 **from:** 2014-03-11

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches: MODE NAVI FR RR RL

## CITROEN DS3

**year:** 2010 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN DS3

**year:** 2010 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN DS4

year: **2011 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches: SRC MODE ENTER LIST MEM SET+ SET- ASL

## CITROEN JUMPER

year: **2011 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## CITROEN JUMPER (RussianMarket)

year: **2011 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space

Switches:

## CITROEN JUMPER

year: **2006 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space

Switches:

## CITROEN JUMPY3

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer’s alarm system, then the manufacturer’s alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## CITROEN JUMPY3

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer’s alarm system, then the manufacturer’s alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## CITROEN NEMO

year: **2008 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## CITROEN XSARA PICASSO

year: **2004 →** programme №: **292** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | – |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## DACIA DOKKER

year: **2012 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## DACIA DUSTER

year: **2014 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## DACIA LODGY

year: **2012 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## DACIA LOGAN II

year: **2013 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## DACIA LOGAN MCV II

year: **2013 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | − | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | − |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | − | | | − | − | + | − | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| − | + | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## DACIA SANDERO

year: **2012 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | − | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## DACIA SANDERO STEPWAY

year: **2012 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | − | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## DODGE AVANGER

year: **2007 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | − | | | − | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches: MODE

## DODGE CALIBER

year: **2006 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## DODGE DURANGO

year: **2004 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## DODGE JOURNEY

year: **2008 →** programme №: **135** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## DODGE JOURNEY

year: **2008 →** programme №: **245** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## DODGE MAGNUM

year: **2005 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## DODGE NITRO

year: **2007 →** programme №: **135** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## DODGE NITRO

year: **2007 →** programme №: **245** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## DODGE RAM 1500

year: **2013 →** with and without Keyless System programme №: **332** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | + | + | – | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: GEAR+ GEAR- 4WD LOCK 4WD LOW MODE OK SET-

## DODGE RAM

year: **2009 →** programme №: **245** from: **2013-12-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: Ⓟ

## DODGE RAM

year: **2006 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches: Ⓟ

## FIAT 500

year: **2007 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: Ⓟ

## FIAT 500L

year: **2013 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: Ⓟ

## FIAT BRAVO

year: **2007 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | — | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| — | + | — |

Comments:

Switches: Ⓟ

## FIAT CROMA

year: **2005 →** programme №: **128** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments: For correct operation of "Driver door unlock" function, 2-stage opening of the central locking must be set in the MENU of car settings. Func. "Comfort closure" works only when the central lock is closed. Func. "Window roll-down" works only when the central lock is opened.

Switches: Ⓟ

## FIAT DOBLO

year: **2010 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT DOBLO

year: **2006 →** programme №: **112** from: **2013-07-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT DOBLO

year: **2001 →** programme №: **263** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT DUCATO

year: **2011 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT DUCATO (RussianMarket)

year: **2011 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space.

Switches:

## FIAT DUCATO

year: **2006 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space.

Switches:

## FIAT FIORINO

year: **2008 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FIAT FREEMONT

year: **2011 →** with and without Keyless System programme №: **332** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | + | + | – | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## FIAT GRANDE PUNTO

year: **2009 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FIAT GRANDE PUNTO

year: **2006 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FIAT LINEA

year: **2007 →** programme №: **146** from: **2014-05-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments:

Switches:

## FIAT PANDA II

year: **2004 →** programme №: **112** from: **2013-07-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FIAT PANDA III

year: **2012 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT PUNTO EVO

year: **2009 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT QUBO

year: **2008 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT SCUDO

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## FIAT SCUDO

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## FIAT SEDICI

year: **2006 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## FIAT SEDICI (Keyless)

year: **2006 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## FIAT STILO

year: **2006 →** programme №: **112** from: **2013-07-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## FIAT ULYSSE

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## FIAT ULYSSE

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## FORD C-MAX

year: **2010 →** with and without Keyless System programme №: **276** from: **2013-11-05**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## FORD C-MAX (GHIA)

year: **2003 →** with and without Keyless System programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments:

Switches:

## FORD C-MAX

year: **2003 →** programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD EXPLORER

year: **2011 →** with and without Keyless System programme №: **424** from: **2013-06-20**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD F250 SUPER DUTY

year: **2008 →** programme №: **456** from: **2013-11-26**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## FORD FIESTA

year: **2013 →** with and without Keyless System programme №: **175** from: **2014-06-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches:

## FORD FIESTA

year: **2009 →** with and without Keyless System programme №: **175** from: **2014-06-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches:

## FORD FIESTA

year: **2006 →** programme №: **172** from: **2013-08-28**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD FOCUS (TITANIUM)

year: **2011 →** with and without Keyless System programme №: **276** from: **2013-11-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## FORD FOCUS (TREND SPORT)

year: **2011 →** without Keyless System programme №: **276** from: **2013-11-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## FORD FOCUS (TREND)

year: **2011 →** without Keyless System programme №: **454** from: **2014-06-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: SET+ SET- ASL

## FORD FOCUS (GHIA)

year: **2007 →** with and without Keyless System programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD FOCUS

year: **2007 →** programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD FOCUS

year: **2005 →** programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD FOCUS (GHIA)

year: **2005 →** with and without Keyless System programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD FUSION

year: **2006 →** programme №: **172** from: **2013-08-28**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD GALAXY

year: **2010 →** programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## FORD GALAXY

year: **2006 →** with and without Keyless System programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## FORD GRAND-C-MAX

year: **2010 →** with and without Keyless System programme №: **276** from: **2013-11-05**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## FORD Ka

year: **2009 →** programme №: **194** from: **2013-11-22**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD KUGA

year: **2013 →** with and without Keyless System programme №: **276** from: **2013-11-05**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## FORD KUGA

year: **2008 →** programme №: **121** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD MONDEO

year: **2011 →** with and without Keyless System programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## FORD MONDEO

year: **2007 →** with and without Keyless System programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## FORD MUSTANG SHELBY GT500

year: **2013 →** programme №: **459** from: **2013-12-05**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches:

## FORD MUSTANG

year: **2010 →** with and without Keyless System programme №: **281** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD MUSTANG GT

year: **2007 →** programme №: **396** from: **2013-05-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | | | | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD RANGER (T6)

year: **2012 →** programme №: **462** from: **2013-12-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## FORD S-MAX

year: **2010 →** with and without Keyless System programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## FORD S-MAX

year: **2007 →** with and without Keyless System programme №: **133** from: **2013-12-04**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## FORD TOURNEO

year: **2007 →** programme №: **247** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD TOURNEO CONNECT

year: **2013 →** without Keyless System programme №: **454** from: **2014-06-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## FORD TOURNEO CONNECT

year: **2010 →** programme №: **172** from: **2013-08-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD TOURNEO COURIER

year: **2014 →** programme №: **175** from: **2014-06-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## FORD TOURNEO CUSTOM (Double Lock)

year: **2012 →** (with double lock) programme №: **422** from: **2014-04-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments: Double blocking of the car (press "CLOSE" twice on remote) will arm an alarm.It must be cut off cntrol from lock insert, otherwise alarm will be disarmed.

Switches:

## FORD TOURNEO CUSTOM

year: **2012 →** (without double lock) programme №: **422** from: **2014-04-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches:

## FORD TRANSIT

year: **2014 →** (without double lock) programme №: **422** from: **2014-04-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches:

## FORD TRANSIT

year: **2006 →** programme №: **247** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD TRANSIT CONNECT

year: **2010 →** programme №: **172** from: **2013-08-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## FORD TRANSIT CONNECT

year: **2006 →** programme №: **172** from: **2013-08-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## FORD TRANSIT CUSTOM (Double Lock)

year: **2012 →** (with double lock) programme №: **422** from: **2014-04-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments: Double blocking of the car (press "CLOSE" twice on remote) will arm an alarm.It must be cut off cntrol from lock insert, otherwise alarm will be disarmed.

Switches:

## FORD TRANSIT CUSTOM

year: **2012 →** (without double lock) programme №: **422** from: **2014-04-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches:

## GREAT WALL HOVER H6

year: **2011 →** programme №: **516** from: **preliminary**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## HONDA ACCORD

year: **2013 →** with and without Keyless System programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## HONDA ACCORD

year: **2008 →** programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## HONDA ACCORD

year: **2003 →** programme №: **167** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA ACCORD COUPE

year: **2008 →** programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## HONDA CITY

year: **2009 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA CIVIC

year: **2012 →** without Keyless System programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## HONDA CIVIC (Keyless)

year: **2012 →** with Keyless System programme №: **345** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | + |

Comments:

Switches:

## HONDA CIVIC

year: **2006 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA CR-V

year: **2012 →** without Keyless System programme №: **345** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## HONDA CR-V

year: **2007 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA CROSSTOUR

year: **2011 →** programme №: **169** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## HONDA FIT

year: **2007 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA INSIGHT

year: **2009 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA JAZZ

year: **2009 →** programme №: **113** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA LEGEND

year: **2005 →** programme №: **212** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

## HONDA ODYSSEY

year: **2011 →** programme №: **189** from: **2013-09-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## HONDA ODYSSEY

year: **2006 →** programme №: **167** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments:

Switches:

## HONDA PILOT

year: **2012 →** programme №: **189** from: **2013-09-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: In version with factory security system it will controll "Turn signal control" function.

Switches:

## HONDA PILOT

year: **2009 →** programme №: **189** from: **2013-09-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: In European version function may not work "Turn signal control".

Switches:

## HUMMER H2

year: **2008 →** programme №: **198** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## HYUNDAI ELANTRA (Keyless)

year: **2013 →** with Keyless System only programme №: **419** from: **2014-02-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## HYUNDAI ELANTRA

year: **2013 →** without Keyless System programme №: **419** from: **2014-02-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## HYUNDAI ELANTRA

year: **2010 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## HYUNDAI EQUUS

year: **2010 →** with and without Keyless System programme №: **235** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## HYUNDAI GENESIS

year: **2009 →** with and without Keyless System programme №: **235** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## HYUNDAI GRAND STAREX HVX (Engine)

year: **2011 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## HYUNDAI GRANDEUR (Keyless)

year: **2012 →** with Keyless System programme №: **427** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## HYUNDAI GRANDEUR

year: **2007 →** programme №: **152** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Status "Passang. door sense" supports status "Driver door sense"; function "All doors lock" is not closing the trunk.

Switches:

## HYUNDAI i30

year: **2012 →** without Keyless System programme №: **299** from: **2014-02-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## HYUNDAI i40 (Keyless)

year: **2011 →** with Keyless System only programme №: **417** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## HYUNDAI i40

year: **2011 →** without Keyless System programme №: **437** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## HYUNDAI i45 SONATA (Keyless)

year: **2011 →** with Keyless System only programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## HYUNDAI i45 SONATA

year: **2011 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## HYUNDAI ix20

year: **2010 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: NOTE TO USER: Disarming the alarm from factory remote is possible only if all doors are closed.

Switches:

## HYUNDAI ix35

year: **2013 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches:

## HYUNDAI ix35 (Keyless)

year: **2013 →** with Keyless System only programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments:

Switches:

## HYUNDAI ix35

year: **2010 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## HYUNDAI ix35 (Keyless)

year: **2010 →** with Keyless System only programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## HYUNDAI ix55

year: **2009 →** with and without Keyless System programme №: **152** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | — | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## HYUNDAI SANTA FE (Keyless)

year: **2013 →** with Keyless System only programme №: **386** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## HYUNDAI SANTA FE

year: **2013 →** without Keyless System programme №: **426** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## HYUNDAI SOLARIS (Keyless)

year: **2011 →** with Keyless System only programme №: **296** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | — | + | + | + | + | — | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments:

Switches:

## HYUNDAI VELOSTER (Keyless)

year: **2011 →** with Keyless System programme №: **416** from: **2014-02-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## INFINITI EX35 / EX37 / EX50

year: **2010 →** with and without Keyless System programme №: **249** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

## INFINITI EX35 / EX37 / EX50

year: **2008 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## INFINITI FX30D

year: **2012 →** with and without Keyless System programme №: **249** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## INFINITI FX35 / FX37 / FX50

year: **2010 →** with and without Keyless System programme №: **249** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

## INFINITI FX35 / FX37 / FX50

year: **2008 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## INFINITI G25 / G35 / G37

year: **2010 →** with and without Keyless System programme №: **249** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

## INFINITI G25 / G35 / G37

year: **2007 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Closing of the car with Keyless does not activate the statuses "Armed state" & "Factory system alarm". Opening of the car with Keyless activates the statuses "Armed state" & "Factory system alarm".

Switches:

## INFINITI JX35

year: **2012 →** with and without Keyless System programme №: **387** from: **2013-05-27**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## INFINITI M35 / M35x / M45

year: **2008 →** with and without Keyless System programme №: **187** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and 2-staged opened with factory remote control.

Switches:

## INFINITI M37 / M37x / M56 / M56x (Europe)

year: **2010 →** with and without Keyless System programme №: **297** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## INFINITI M37x (America)

year: **2010 →** with and without Keyless System programme №: **297** from: **2013-11-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: A/T S/W

## INFINITI QX56 (America)

year: **2011 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Closing of the car with Keyless does not activate the statuses "Armed state" & "Factory system alarm". Opening of the car with Keyless activates the statuses "Armed state" & "Factory system alarm".

Switches:

## INFINITI QX56 (Europe)

year: **2011 →** with and without Keyless System programme №: **279** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## INFINITI QX56

year: **2008 →** with and without Keyless System programme №: **174** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and 2-staged opened with factory remote control.

Switches:

## IVECO DAILY (EURO 5)

year: **2011 →** programme №: **346** from: **2014-03-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## IVECO DAILY (EURO 4)

year: **2006 →** programme №: **269** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## IVECO EUROCARGO (EURO 5)

year: **2009 →** programme №: **155** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## IVECO EUROCARGO (EURO 4)

year: **2006 →** programme №: **155** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## IVECO STRALIS (EURO 6)

year: **2013 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: FL FR SET+ SET-

## IVECO STRALIS (EURO 5) CNG

year: **2013 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: FL FR SET+ SET-

## IVECO STRALIS (EURO 5)

year: **2013 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: FL FR SET+ SET-

## IVECO STRALIS (EURO 5)

year: **2012 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: P

## IVECO STRALIS (EURO 4)

year: **2006 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: P

## IVECO STRALIS (EURO 3)

year: **2002 →** programme №: **151** from: **2014-03-19**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: P

## IVECO TRAKKER

year: **2006 →** programme №: **155** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## JAGUAR XF

year: **2008 →** with and without Keyless System programme №: **241** from: **2013-10-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## JAGUAR XJ / XJL

year: **2011 →** with and without Keyless System programme №: **233** from: **2013-06-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## JAGUAR XK

year: **2007 →** with and without Keyless System programme №: **196** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "Trunk release" function does not work.

Switches:

## JEEP COMMANDER

year: **2006 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## JEEP COMPASS

year: **2014 →** with and without Keyless System programme №: **278** from: **2014-02-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## JEEP COMPASS

year: **2007 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## JEEP GRAND CHEROKEE

year: **2014 →** with and without Keyless System programme №: **332** from: **2013-12-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | + | + | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## JEEP GRAND CHEROKEE

year: **2010 →** with and without Keyless System programme №: **245** from: **2013-12-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## JEEP GRAND CHEROKEE

year: **2005 →** with and without Keyless System programme №: **278** from: **2014-02-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## JEEP LAREDO

year: **2005 →** with and without Keyless System programme №: **278** from: **2014-02-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## JEEP PATRIOT

year: **2007 →** with and without Keyless System programme №: **116** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## JEEP WRANGLER

year: **2007 →** programme №: **135** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## JEEP WRANGLER

year: **2007 →** programme №: **245** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | + | + | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

## KIA CADENZA

year: **2009 →** with Keyless System only programme №: **363** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

## KIA CARENS (Keyless)

year: **2013 →** with Keyless System programme №: **398** from: **2014-04-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | – |

Comments: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches: SET+ SET- ASL

## KIA CARENS

year: **2013 →** without Keyless System programme №: **398** from: **2014-04-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | – |

Comments: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches: SET+ SET- ASL

## KIA CARNIVAL

year: **2006 →** programme №: **119** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments:

Switches:

## KIA CEED (GT) (Keyless)

year: **2014 →** with Keyless System only programme №: **352** from: **2014-03-26**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches: P SET+ SET-

## KIA CEED (Keyless)

year: **2013 →** with Keyless System only programme №: **352** from: **2014-03-26**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | — | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| — | + | |

Comments:

Switches: P SET+ SET-

## KIA CEED

year: **2013 →** without Keyless System programme №: **389** from: **2013-12-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | — | + | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches: P SET+

## KIA CEED (Engine)

year: **2009 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | — | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | — | — | + | + | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches: P

## KIA CERATO (Keyless)

year: **2013 →** with Keyless System programme №: **344** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches: P

## KIA CERATO

year: **2013 →** without Keyless System programme №: **412** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches: P

## KIA CERATO (Engine)

year: **2010 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | – | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA MAGENTIS (Engine)

year: **2009 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA MOHAVE (Keyless)

year: **2011 →** with Keyless System only programme №: **478** from: **2014-02-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: FR RR RL

## KIA MOHAVE

year: **2009 →** programme №: **232** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | + |

Comments:

Switches:

## KIA OPIRUS

year: **2004 →** programme №: **234** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "Trunk release" function does not work. Status "Driver door sense"= status "Passang. door sense".

Switches:

## KIA OPTIMA (Keyless)

year: **2014 →** with Keyless System only programme №: **478** from: **2014-02-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## KIA OPTIMA (Keyless)

year: **2012 →** with Keyless System only programme №: **344** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## KIA PICANTO

year: **2014 →** without Keyless System programme №: **299** from: **2014-02-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## KIA PICANTO (Keyless)

year: **2011 →** with Keyless System only programme №: **299** from: **2014-02-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## KIA QUORIS (Keyless)

year: **2013 →** with Keyless System programme №: **413** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Hatchback)(Keyless)

year: **2013 →** with Keyless System only programme №: **416** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Sedan)(Keyless)

year: **2013 →** with Keyless System only programme №: **416** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Sedan)

year: **2013 →** without Keyless System programme №: **479** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Sedan)(Engine)

year: **2013 →** without Keyless System programme №: **479** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Hatchback)

year: **2013 →** without Keyless System programme №: **479** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## KIA RIO (RussianMarket)(Hatchback)(Engine)

year: **2013 →** without Keyless System programme №: **479** from: **2014-02-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches:

## KIA RIO

year: **2011 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA RIO (Engine)

year: **2005 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA SORENTO (Keyless)

year: **2012 →** with Keyless System only — programme №: **296** — from: **2014-03-28**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | – |

Comments:

Switches:

## KIA SORENTO

year: **2012 →** without Keyless System — programme №: **411** — from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | – | |

Comments:

Switches:

## KIA SORENTO

year: **2010 →** with and without Keyless System — programme №: **231** — from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking closed.

Switches:

## KIA SOUL (Keyless)

year: **2014 →** with Keyless System only — programme №: **498** — from: **2014-05-06**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | – |

Comments: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

## KIA SOUL

year: **2014 →** without Keyless System — programme №: **514** — from: **2014-06-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## KIA SOUL

year: **2012 →** without Keyless System — programme №: **343** — from: **2013-10-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA SOUL (Keyless)

year: **2012 →** with Keyless System only programme №: **481** from: **2014-02-19**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | — | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## KIA SPORTAGE

year: **2014 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | — | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments:

Switches:

## KIA SPORTAGE (Keyless)

year: **2011 →** with Keyless System only programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments:

Switches:

## KIA SPORTAGE

year: **2011 →** without Keyless System programme №: **244** from: **2014-03-25**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | — | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments:

Switches:

## KIA SPORTAGE (Engine)

year: **2008 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | — | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | — | — | + | + | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA VENGA (Engine)

year: **2012 →** programme №: **236** from: **2013-10-07**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | — | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | — | — | + | + | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## KIA VENGA (Keyless)

year: **2010 →** with Keyless System — programme №: **271** — from: **2013-10-07**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | | + | + | + | + | − | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: Status "Driver door sense"= status "Passang. door sense".

Switches:

## LADA GRANTA

year: **2012 →** — programme №: **461** — from: **2014-02-19**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| − | − | − | − | − | − | − | − | + | + | + | + | + | + | − |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | − | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| − | − | | | − | − | − | − | − | − |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| − | − | |

Comments:

Switches:

## LADA KALINA

year: **2014 →** — programme №: **461** — from: **2014-02-19**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | − | − | − | + | + | + | − | + | + | + | + | + | − |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | − | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | − | | | − | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LANCIA DELTA

year: **2008 →** — programme №: **129** — from: **2013-07-03**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LANCIA MUSA

year: **2007 →** — programme №: **129** — from: **2013-07-03**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | − | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | − | − | + | |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LANCIA PHEDRA

year: **2007 →** ( with factory alarm ) — programme №: **143** — from: **2013-07-23**

connector 15 pin

| OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT − | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | − | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN − | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## LANCIA PHEDRA

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## LANCIA YPSILON

year: **2011 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LANCIA YPSILON

year: **2006 →** programme №: **129** from: **2013-07-03**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LAND ROVER DEFENDER (Engine)

year: **2012 →** programme №: **447** from: **2013-10-21**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | — | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| — | — | | | — | — | — | — | — | — |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | — | |

Comments:

Switches:

## LAND ROVER DISCOVERY 3

year: **2006 →** programme №: **199** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LAND ROVER DISCOVERY 4

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-10-22**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LAND ROVER FREELANDER 2

**year:** 2013 → with and without Keyless System **programme №:** 446 **from:** 2013-10-21

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## LAND ROVER FREELANDER 2

**year:** 2007 → with and without Keyless System **programme №:** 214 **from:** 2013-07-04

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER LR2

**year:** 2007 → with and without Keyless System **programme №:** 214 **from:** 2013-07-04

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Autobiography

**year:** 2013 → with and without Keyless System **programme №:** 233 **from:** 2013-06-20

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Autobiography

**year:** 2011 → with and without Keyless System **programme №:** 233 **from:** 2013-06-20

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER EVOQUE

**year:** 2011 → with and without Keyless System **programme №:** 446 **from:** 2013-10-21

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | i |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | i | | | i | i | i | i | i | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| i | i | |

Comments:

Switches:

## LAND ROVER RANGE ROVER HSE

year: **2006 →** programme №: **213** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | – | – | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER SPORT

year: **2014 →** with and without Keyless System programme №: **445** from: **2014-02-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER SPORT

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-06-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER SPORT

year: **2006 →** programme №: **199** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Supercharged

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-06-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Supercharged

year: **2006 →** programme №: **213** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | – | – | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Vogue

year: **2014 →** with and without Keyless System **programme №: 445** **from: 2014-02-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Vogue

year: **2010 →** with and without Keyless System **programme №: 233** **from: 2013-06-20**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LAND ROVER RANGE ROVER Vogue

year: **2006 →** **programme №: 213** **from: 2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | – | – | | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LEXUS CT

year: **2011 →** with and without Keyless System **programme №: 138** **from: 2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS ES

year: **2013 →** with and without Keyless System **programme №: 338** **from: 2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

## LEXUS ES (Hybrid)

year: **2013 →** with and without Keyless System **programme №: 338** **from: 2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

## LEXUS ES

year: **2007 →** with and without Keyless System **programme №: 138** **from: 2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS GS (Hybrid)

year: **2013 →** with and without Keyless System **programme №: 338** **from: 2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

## LEXUS GS

year: **2012 →** with and without Keyless System **programme №: 338** **from: 2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS GS

year: **2006 →** with and without Keyless System **programme №: 181** **from: 2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: "Factory system alarm" & "Armed state" statuses work correctly after 30 seconds from the closing of the car by factory remote control (earlier opening of the doors equates to opening the car by factory remote control).

Switches:

## LEXUS GX

year: **2010 →** with and without Keyless System **programme №: 138** **from: 2013-09-12**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | — | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS IS

year: **2013 →** with and without Keyless System **programme №: 338** **from: 2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

## LEXUS IS

year: **2006 →** with and without Keyless System programme №: **181** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: "Factory system alarm" & "Armed state" statuses work correctly after 30 seconds from the closing of the car by factory remote control (earlier opening of the doors equates to opening the car by factory remote control).

Switches:

## LEXUS LS

year: **2013 →** with and without Keyless System programme №: **251** from: **2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS LS

year: **2010 →** with and without Keyless System programme №: **251** from: **2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LEXUS LS

year: **2006 →** with and without Keyless System programme №: **251** from: **2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## LEXUS LX

year: **2012 →** with and without Keyless System programme №: **138** from: **2013-12-11**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap

Switches:

## LEXUS LX

year: **2008 →** with and without Keyless System programme №: **138** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | + |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS RX

year: **2013 →** programme №: **226** from: **2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS RX (Hybrid)

year: **2013 →** programme №: **226** from: **2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS RX

year: **2010 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## LEXUS RX (Keyless)

year: **2010 →** with Keyless System only programme №: **226** from: **2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## LUXGEN U7 TURBO

year: **2014 →** programme №: **518** from: **preliminary**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | | + | | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## MAZDA 2 (DE)

year: **2007 →** without Keyless System programme №: **195** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

## MAZDA 3 (BM)

year: **2014 →** with and without Keyless System programme №: **339** from: **2013-11-29**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches: [illegible]

## MAZDA 3 (BL)

year: **2009 →** without Keyless System programme №: **195** from: **2013-03-13**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches: [illegible]

## MAZDA 3 (BK)

year: **2005 →** without Keyless System programme №: **121** from: **2013-07-03**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: [illegible]

## MAZDA 5 (CR)

year: **2006 →** without Keyless System programme №: **228** from: **2013-03-13**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: [illegible]

## MAZDA 6 (GJ)

year: **2013 →** without Keyless System programme №: **339** from: **2013-11-29**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches: [illegible]

## MAZDA 6 (GJ) (Keyless)

year: **2013 →** with Keyless System programme №: **339** from: **2013-11-29**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches: [illegible]

## MAZDA 6 (GH)

year: **2008 →** programme №: **154** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

## MAZDA CX5 (KE)

year: **2012 →** with and without Keyless System programme №: **339** from: **2013-11-29**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## MAZDA CX7 (ER)

year: **2007 →** with and without Keyless System programme №: **154** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

## MAZDA CX9 (TB)

year: **2013 →** with and without Keyless System programme №: **154** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

## MAZDA CX9 (TB)

year: **2007 →** with and without Keyless System programme №: **154** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

## MAZDA MX5 (NC)

year: **2005 →** programme №: **195** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches:

## MERCEDES A (176)

year: **2013 →** with and without Keyless System programme №: **399** from: **2014-03-11**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | + | + | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | + | + | + | + | + | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | + | + | |

Comments:

Switches:

## MERCEDES A (169)

year: **2004 →** with and without Keyless System programme №: **162** from: **2014-01-17**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | + | + | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | + | + | + | + | + | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | + | + | + |

Comments:

Switches:

## MERCEDES ACTROS MP4

year: **2011 →** programme №: **348** from: **2014-03-10**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | – | – | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | | | | | | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | | | |

Comments:

Switches:

## MERCEDES ACTROS MP3

year: **2008 →** programme №: **148** from: **2014-01-21**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | + | + | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | | | + | | + | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | | | |

Comments:

Switches:

## MERCEDES ACTROS MP2

year: **2003 →** programme №: **148** from: **2014-01-21**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | + | + | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | | | + | | + | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | | | |

Comments:

Switches:

## MERCEDES B (246)

year: **2012 →** with and without Keyless System programme №: **399** from: **2014-03-11**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| | + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|---|
| | PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | + | + | + | + | + | + | + | |

connector 10 pin

| | OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|---|
| | Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | + | | | + | + | + | + | + | + |

| | Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|---|
| | + | + | |

Comments:

Switches:

## MERCEDES B (245)

year: **2005 →** with and without Keyless System programme №: **162** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES C (205)

year: **2014 →** with and without Keyless System programme №: **485** from: **2014-03-12**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

## MERCEDES C (204)

year: **2007 →** with and without Keyless System programme №: **141** from: **2014-02-22**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES C (203)

year: **2001 →** with and without Keyless System programme №: **159** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES CITAN

year: **2012 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | — | — | — | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## MERCEDES CL (216)

year: **2007 →** with and without Keyless System programme №: **141** from: **2014-02-22**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES CL (215)

year: **2002 →** with and without Keyless System programme №: **125** from: **2013-11-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## MERCEDES CL (215)

year: **1999 →** with and without Keyless System programme №: **125** from: **2013-11-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## MERCEDES CLA (117)

year: **2013 →** with and without Keyless System programme №: **399** from: **2014-03-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## MERCEDES CLK (209)

year: **2003 →** with and without Keyless System programme №: **117** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## MERCEDES CLK (208)

year: **1999 →** with and without Keyless System programme №: **157** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | – | – | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## MERCEDES CLS (218)

year: **2011 →** with and without Keyless System programme №: **141** from: **2014-02-22**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## MERCEDES CLS (219)

year: **2005 →** with and without Keyless System programme №: **117** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES E (212)

year: **2013 →** with and without Keyless System programme №: **491** from: **2014-02-27**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | — |

Comments:

Switches:

## MERCEDES E (212)

year: **2009 →** with and without Keyless System programme №: **141** from: **2014-02-22**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES E (211)

year: **2002 →** with and without Keyless System programme №: **117** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES E (210)

year: **1997 →** programme №: **157** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | — | — | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| — | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments:

Switches:

## MERCEDES E COUPE (207)

year: **2009 →** with and without Keyless System programme №: **141** from: **2014-02-22**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES G (463)

**year:** 2012 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: When ignition is on function "All doors lock" does not lock the fuel filler flap

Switches:

## MERCEDES G (463)

**year:** 2004 → with and without Keyless System **programme №:** 159 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES GL (166)

**year:** 2013 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES GL (164)

**year:** 2006 → with and without Keyless System **programme №:** 117 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES GLA (156)

**year:** 2014 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES GLK (204)

**year:** 2012 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES GLK (204)

**year:** 2008 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES ML (166)

**year:** 2012 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES ML (164)

**year:** 2005 → with and without Keyless System **programme №:** 117 **from:** 2014-01-17

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES R (251)

**year:** 2006 → with and without Keyless System **programme №:** 117 **from:** 2014-01-17

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches: MODE

## MERCEDES S (222)

**year:** 2013 → with and without Keyless System **programme №:** 485 **from:** 2014-03-12

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: FL FR RR RL 1 2 3 4 5 6 7 8 9 0 * # C

## MERCEDES S (221)

**year:** 2005 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

| connector 15 pin | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

| connector 8 pin | | | | | | | |
|---|---|---|---|---|---|---|---|
| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

| connector 10 pin | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## MERCEDES S (220)

**year:** 2002 → with and without Keyless System **programme №:** 125 **from:** 2013-11-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## MERCEDES S (220)

**year:** 1998 → with and without Keyless System **programme №:** 125 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## MERCEDES SL (231)

**year:** 2012 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## MERCEDES SL (230)

**year:** 2001 → with and without Keyless System **programme №:** 125 **from:** 2013-11-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## MERCEDES SLK (172)

**year:** 2011 → with and without Keyless System **programme №:** 491 **from:** 2014-02-27

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## MERCEDES SLK (171)

**year:** 2005 → with and without Keyless System **programme №:** 163 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## MERCEDES SPRINTER (906)

year: **2013 →** programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments:

Switches:

## MERCEDES SPRINTER (906)

year: **2006 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## MERCEDES UNIMOG U400

year: **2006 →** programme №: **148** from: **2014-01-21**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## MERCEDES V (447)

year: **2014 →** programme №: **521** from: **2014-06-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: "All doors lock" function closes mirrors.

Switches:

## MERCEDES VIANO (639)

year: **2011 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## MERCEDES VIANO (639)

year: **2003 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## MERCEDES VITO (639)

year: **2011 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MERCEDES VITO (639)

year: **2003 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments:

Switches:

## MINI COOPER (R56)

year: **2006 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: For car with Keyless system, program 137 has to be set. Functions "All doors unlock"" & "All doors lock" works like driver's door lock.

Switches:

## MINI COUNTRYMAN (R60)

year: **2010 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: Function "All doors unlock"" and "All doors lock" works like driver's door loc

Switches:

## MINI ONE (R56)

year: **2007 →** with and without Keyless System programme №: **118** from: **2014-03-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: For car with Keyless system, program 137 has to be set. Functions "All doors unlock"" & "All doors lock" works like driver's door lock.

Switches:

## MITSUBISHI ASX

year: **2010 →** with and without Keyless System programme №: **451** from: **2013-11-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | – | |

Comments:

Switches:

## MITSUBISHI COLT

year: **2008 →** without Keyless System programme №: **394** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## MITSUBISHI FUSO

year: **2012 →** programme №: **499** from: **2014-05-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | – |

Comments:

Switches:

## MITSUBISHI L200

year: **2006 →** programme №: **179** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | – | – | – | – | – | – | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## MITSUBISHI LANCER (X)

year: **2011 →** with and without Keyless System programme №: **451** from: **2013-11-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: If car don't have factory remote control - to activate "Turn signal control", "Trunk release", "All doors unlock"", "Driver door unlock", "All doors lock" functions must be using a computer serwis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches:

## MITSUBISHI LANCER (X)

year: **2008 →** with and without Keyless System programme №: **142** from: **2013-04-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments: If car don't have factory remote control - to activate "Turn signal control", "Trunk release", "All doors unlock"", "Driver door unlock", "All doors lock" functions must be using a computer serwis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches:

## MITSUBISHI OUTLANDER

year: **2013 →** without Keyless System programme №: **393** from: **2013-04-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## MITSUBISHI OUTLANDER (Keyless)

year: **2013 →** with Keyless System only programme №: **393** from: **2013-04-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | – | |

Comments: Function "Trunk release" opens/closes trunk door and works only when central lock is opened.

Switches: (P) (⟲) (🚗)

## MITSUBISHI OUTLANDER (XL)

year: **2007 →** with and without Keyless System programme №: **142** from: **2013-04-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | – | |

Comments:

Switches: (P) (⟲)

## MITSUBISHI PAJERO

year: **2012 →** programme №: **178** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches: (P) (⟲)

## MITSUBISHI PAJERO

year: **2007 →** programme №: **178** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches: (P) (⟲)

## MITSUBISHI PAJERO SPORT

year: **2008 →** programme №: **179** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | – | – | – | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## NISSAN 350Z

year: **2006 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches: (P) (⟲) (🚗)

## NISSAN ALTIMA

year: **2007 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

## NISSAN CABSTAR

year: **2007 →** programme №: **289** from: **2014-05-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | – | + | + | + | + | + | + | + | – | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches:

## NISSAN CUBE

year: **2010 →** with and without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN INTERSTAR

year: **2006 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## NISSAN JUKE

year: **2010 →** with and without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN MAXIMA

year: **2004 →** with and without Keyless System programme №: **174** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | + |

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

## NISSAN MICRA (Keyless)

year: **2014 →** with Keyless System only programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## NISSAN MICRA

year: **2014 →** without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## NISSAN MICRA

year: **2010 →** without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN MICRA

year: **2006 →** without Keyless System programme №: **145** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN MICRA (Keyless)

year: **2006 →** with Keyless System only programme №: **186** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN MURANO

year: **2009 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Keyless opening of passenger door or boot does not issue status "Armed state" & "Factory system alarm".

Switches:

## NISSAN MURANO

year: **2007 →** with and without Keyless System programme №: **174** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | + |

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

## NISSAN NAVARA

year: **2005 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | — | — | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN NOTE (Keyless)

year: **2013 →** with Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments:

Switches:

## NISSAN NOTE

year: **2013 →** without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments:

Switches:

## NISSAN NOTE

year: **2006 →** without Keyless System programme №: **145** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN NOTE (Keyless)

year: **2006 →** with Keyless System only programme №: **186** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN NV200

year: **2009 →** without Keyless System programme №: **145** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN PATHFINDER

year: **2006 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | — | — | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN PATHFINDER (Keyless)

year: **2006 →** with Keyless System only programme №: **185** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | — | — | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN PATROL

year: **2011 →** with and without Keyless System programme №: **279** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN PRIMASTAR

year: **2006 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | | — | — | — | + | + | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## NISSAN PRIMASTAR

year: **2001 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | + | + | + | + | + | |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## NISSAN QASHQAI (J11)

year: **2014 →** with and without Keyless System programme №: **468** from: **2014-03-04**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | + | — | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | + |

Comments:

Switches:

## NISSAN QASHQAI

year: **2007 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches:

## NISSAN QASHQAI (Keyless)

year: **2007 →** with Keyless System programme №: **147** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches:

## NISSAN QASHQAI+2

year: **2009 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches:

## NISSAN QASHQAI+2 (Keyless)

year: **2009 →** with Keyless System programme №: **147** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments:

Switches:

## NISSAN ROGUE

year: **2007 →** with and without Keyless System programme №: **174** from: **2014-01-17**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | + |

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

## NISSAN TEANA

year: **2011 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN TEANA

year: **2008 →** with and without Keyless System programme №: **216** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN TIIDA

year: **2007 →** without Keyless System programme №: **145** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN TIIDA (Keyless)

year: **2007 →** with Keyless System programme №: **186** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN TITAN

year: **2004 →** without Keyless System programme №: **259** from: **2013-10-10**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN X-TRAIL

year: **2010 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## NISSAN X-TRAIL (Keyless)

year: **2010 →** with Keyless System only programme №: **147** from: **2013-10-10**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments:

Switches: Ⓟ Ⓢ

## NISSAN X-TRAIL

year: **2007 →** without Keyless System programme №: **139** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches: Ⓟ Ⓢ

## NISSAN X-TRAIL (Keyless)

year: **2007 →** with Keyless System only programme №: **147** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches: Ⓟ Ⓢ

## OPEL ADAM

year: **2013 →** with and without Keyless System programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | — | — | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches: Ⓟ Ⓢ

## OPEL AGILA

year: **2008 →** without Keyless System programme №: **168** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | — | — | — | + | + | | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | — | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: If the module does not recognise ignition, program 115 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓢ

## OPEL ANTARA

year: **2007 →** programme №: **149** from: **2013-12-04**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | — | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: Ⓟ Ⓢ

## OPEL ASTRA J

year: **2010 →** with and without Keyless System **programme №: 183** **from: 2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## OPEL ASTRA H GTC

year: **2006 →** with and without Keyless System **programme №: 184** **from: 2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## OPEL ASTRA H

year: **2004 →** with and without Keyless System **programme №: 184** **from: 2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.in some cars input "Window roll-down" = "Trunk release" and it works only when central lock is opened

Switches:

## OPEL COMBO D

year: **2012 →** **programme №: 127** **from: 2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## OPEL COMBO C

year: **2006 →** **programme №: 322** **from: 2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | | | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## OPEL CORSA D

year: **2011 →** **programme №: 354** **from: 2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## OPEL CORSA D

year: **2009 →** with and without Keyless System programme №: **354** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments:

Switches:

## OPEL CORSA D

year: **2006 →** programme №: **354** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | – | – | – | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## OPEL INSIGNIA SPORTS TOURER

year: **2014 →** programme №: **453** from: **2013-11-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: Function "All doors unlock" doesn't unlock trunk door and fuel filler flap. Function "Trunk release" opens/closes trunk door.

Switches:

## OPEL INSIGNIA

year: **2014 →** programme №: **453** from: **2013-11-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: Function "All doors unlock" doesn't unlock trunk door and fuel filler flap.

Switches:

## OPEL INSIGNIA

year: **2009 →** with and without Keyless System programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | + |

Comments: SWITCHES "CANCEL CRUISE", "SET CRUISE", "RESUME CRUISE" only work with the active cruise control

Switches:

## OPEL MERIVA B

year: **2014 →** programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | | | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | – |

Comments:

Switches:

## OPEL MERIVA B

year: **2010 →** with and without Keyless System programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## OPEL MOKKA

year: **2012 →** with and without Keyless System programme №: **243** from: **2013-09-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## OPEL MOVANO

year: **2010 →** programme №: **436** from: **2013-08-27**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## OPEL SIGNUM

year: **2002 →** with and without Keyless System programme №: **114** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## OPEL VECTRA C

year: **2002 →** with and without Keyless System programme №: **114** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches: FL FR RR RL

## OPEL VIVARO

year: **2006 →** programme №: **224** from: **2014-03-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## OPEL VIVARO

year: **2001 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## OPEL ZAFIRA TOURER C

year: **2012 →** with and without Keyless System programme №: **183** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## OPEL ZAFIRA B

year: **2005 →** with and without Keyless System programme №: **184** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## PEUGEOT 2008

year: **2013 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | – | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: SRC MODE OK LIST SET+ SET- ASL

## PEUGEOT 207

year: **2006 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 207

year: **2006 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 208

year: **2012 →** programme №: **298** from: **2014-04-08**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | – | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches: SRC MODE OK SET+ SET- ASL

## PEUGEOT 3008

year: **2009 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 3008

year: **2009 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 307

year: **2006 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 307

year: **2006 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 308

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 308

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 4007

year: **2007 →** with and without Keyless System programme №: **142** from: **2013-04-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments:

Switches:

## PEUGEOT 4008

year: **2012 →** with and without Keyless System programme №: **451** from: **2013-11-04**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | — | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | — | |

Comments:

Switches:

## PEUGEOT 407

year: **2006 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 407

year: **2006 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 408

year: **2010 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | — | | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense"

Switches:

## PEUGEOT 408

**year:** 2010 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 508

**year:** 2011 → with and without Keyless System **programme №:** 298 **from:** 2014-04-08

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## PEUGEOT 607 (Z9)

**year:** 2005 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 607 (Z9)

**year:** 2005 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 807

**year:** 2006 → ( with factory alarm ) **programme №:** 143 **from:** 2013-07-23

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT 807

**year:** 2006 → ( without factory alarm ) **programme №:** 193 **from:** 2013-07-23

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT BIPPER

year: **2008 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## PEUGEOT BOXER

year: **2011 →** programme №: **127** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## PEUGEOT BOXER (RussianMarket)

year: **2011 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space

Switches:

## PEUGEOT BOXER

year: **2006 →** programme №: **129** from: **2014-05-26**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function “Driver door unlock” opens the front door, function “Trunk release” opens the back door of luggage space

Switches:

## PEUGEOT EXPERT

year: **2007 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer’s alarm system, then the manufacturer’s alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT EXPERT

year: **2007 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments: If the car does not have the manufacturer’s alarm system, then the manufacturer’s alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT PARTNER (Tepee)

year: **2008 →** ( with factory alarm ) programme №: **143** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense","Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

## PEUGEOT PARTNER (Tepee)

year: **2008 →** ( without factory alarm ) programme №: **193** from: **2013-07-23**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | + | |

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

## PEUGEOT PARTNER

year: **2003 →** programme №: **292** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## PEUGEOT PARTNER Origin

year: **2003 →** programme №: **292** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## PORSCHE 911 (Turbo)

year: **2008 →** programme №: **153** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## PORSCHE 911

year: **2006 →** programme №: **153** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## PORSCHE BOXSTER

year: **2006 →** programme №: **153** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## PORSCHE CARRERA 4

year: **2006 →** programme №: **153** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## PORSCHE CAYENNE (92)

year: **2010 →** with and without Keyless System programme №: **225** from: **2013-07-02**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.

Switches:

## PORSCHE CAYENNE

year: **2006 →** with and without Keyless System programme №: **122** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## PORSCHE CAYMAN S

year: **2006 →** programme №: **153** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## PORSCHE PANAMERA

year: **2009 →** with and without Keyless System programme №: **225** from: **2013-07-02**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.

Switches:

## RENAULT CAPTUR

year: **2013 →** with and without Keyless System programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## RENAULT CLIO IV

year: **2012 →** programme №: **372** from: **2014-04-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT CLIO III

year: **2005 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | — | — | — | — | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT ESPACE IV

year: **2003 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| — | — | — | — | — | — | — | — | + | + | | + | + | + | — |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | — | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | — | — | — | — | — |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | — | |

Comments:

Switches:

## RENAULT FLUENCE

year: **2013 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | — | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches:

## RENAULT FLUENCE

year: **2010 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | — | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | — | — | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT KANGOO

year: **2008 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT KANGOO

year: **2004 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT KOLEOS

year: **2012 →** with and without Keyless System programme №: **443** from: **2013-10-21**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## RENAULT KOLEOS

year: **2008 →** with and without Keyless System programme №: **443** from: **2013-10-21**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## RENAULT LAGUNA III

year: **2008 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT MASTER

year: **2010 →** programme №: **436** from: **2013-08-27**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## RENAULT MASTER DCi

year: **2005 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT MEGANE III

year: **2012 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches:

## RENAULT MEGANE III

year: **2009 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT MEGANE II

year: **2006 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT SCENIC III

year: **2013 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches:

## RENAULT SCENIC III

year: **2009 →** with and without Keyless System programme №: **182** from: **2013-10-15**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT SCENIC II

year: **2003 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT T (EURO 6)

year: **2013 →** programme №: **464** from: **2014-02-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | | – | – | – | | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT TRAFIC

year: **2006 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT TRAFIC

year: **2001 →** programme №: **224** from: **2013-09-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## RENAULT TWINGO II

year: **2008 →** programme №: **174** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SAAB 9-3 (YS3F)

year: **2003 →** programme №: **126** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

## SAAB 9-5 (YS3E)

year: **1998 →** programme №: **156** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SEAT ALTEA (5P)

year: **2005 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SEAT ALTEA FREETRACK 4 (5P)

year: **2007 →** with and without Keyless System programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## SEAT ALTEA XL (5P)

year: **2010 →** programme №: **452** from: **2013-11-05**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## SEAT CORDOBA (6L)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## SEAT EXEO (3R)

year: **2009 →** programme №: **132** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SEAT IBIZA (6J)

year: **2013 →** programme №: **449** from: **2014-03-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches: MODE

## SEAT IBIZA (6J)

year: **2009 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SEAT IBIZA (6L)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## SEAT LEON (5F)

year: **2013 →** programme №: **448** from: **2014-02-21**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "Trunk release", "Turn signal control", "All doors unlock" & "Driver door unlock" does not work.

Switches: MODE OK

## SEAT LEON (1P)

year: **2006 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SEAT LEON (1M)

year: **2002 →** programme №: **166** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | | | | | | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SEAT TOLEDO (NH)

year: **2013 →** programme №: **449** from: **2014-03-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## SEAT TOLEDO (5P)

year: **2005 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SEAT TOLEDO (1M)

year: **2002 →** programme №: **166** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | | | | | | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SKODA CITIGO (AA)

year: **2013 →** ( without radio ) programme №: **262** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SKODA CITIGO (AA)

year: **2013 →** programme №: **449** from: **2014-03-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SKODA FABIA (5J)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SKODA FABIA (5J)

year: **2007 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## SKODA FABIA (6Y)

year: **2000 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## SKODA OCTAVIA III (NE)

year: **2013 →** with and without Keyless System programme №: **391** from: **2014-03-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: Module closes windows in two stages (first front, then rear).

Switches: SRC MODE

## SKODA OCTAVIA II (1Z)

year: **2009 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: FL FR RR RL

## SKODA OCTAVIA II (1Z)

year: **2005 →** with and without Keyless System programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SKODA OCTAVIA I (1U)

year: **2003 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SKODA OCTAVIA TOUR I (1U)

year: **2009 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | + | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## SKODA OCTAVIA TOUR I (1U)

year: **2009 →** programme №: **262** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SKODA RAPID (NH)

year: **2012 →** programme №: **176** from: **2013-11-06**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments:

Switches:

## SKODA ROOMSTER (5J)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SKODA ROOMSTER (5J)

year: **2006 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## SKODA SUPERB (3T)

year: **2014 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | – |

Comments:

Switches:

## SKODA SUPERB (3T)

year: **2009 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments:

Switches: P, ⟲, 🚗, FL, FR, RR, RL

## SKODA SUPERB (3U)

year: **2003 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲

## SKODA YETI (5L)

year: **2014 →** programme №: **492** from: **2014-07-01**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: P, ⟲, 🚗

## SKODA YETI (5L)

year: **2009 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲, FL, FR, RR, RL

## SOLARIS URBINO 12 (EURO 5)

year: **2009 →** programme №: **496** from: **2014-04-10**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | | — | — | — | — | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P, ⟲, 🚗

## SSANGYONG ACTYON (Keyless)

year: **2013 →** with Keyless System programme №: **482** from: **2013-02-19**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | — |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | + |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | — | | | — | + | + | — | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches: P, ⟲, 🚗

## SSANGYONG ACTYON (Engine)

year: **2013 →** without Keyless System programme №: **482** from: **2013-02-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | + | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## SSANGYONG KYRON (Engine)

year: **2007 →** without Keyless System programme №: **482** from: **2013-02-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | – | | | – | – | – | – | – | – |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## SSANGYONG REXTON (Engine)

year: **2013 →** without Keyless System programme №: **482** from: **2013-02-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## SSANGYONG STAVIC (Engine)

year: **2014 →** without Keyless System programme №: **482** from: **2013-02-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | – |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | – | – | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | – | |

Comments:

Switches:

## SUBARU FORESTER XT

year: **2013 →** without Keyless System programme №: **395** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU FORESTER (Keyless)

year: **2013 →** with Keyless System only programme №: **395** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU FORESTER

year: **2013 →** without Keyless System programme №: **395** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU FORESTER XT (Keyless)

year: **2013 →** with Keyless System only programme №: **395** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU FORESTER

year: **2009 →** without Keyless System programme №: **177** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU IMPREZA

year: **2008 →** without Keyless System programme №: **177** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU LEGACY

year: **2008 →** without Keyless System programme №: **177** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU LEGACY

year: **2004 →** without Keyless System programme №: **177** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU OUTBACK

**year:** 2013 → without Keyless System **programme №:** 423 **from:** 2013-06-24

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU OUTBACK

**year:** 2010 → with Keyless System **programme №:** 265 **from:** 2013-03-13

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU OUTBACK

**year:** 2008 → without Keyless System **programme №:** 177 **from:** 2013-03-13

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU OUTBACK

**year:** 2004 → without Keyless System **programme №:** 177 **from:** 2013-03-13

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU TRIBECA B9

**year:** 2006 → without Keyless System **programme №:** 197 **from:** 2013-03-13

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | | – | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU XV (Keyless)

**year:** 2012 → with Keyless System only **programme №:** 395 **from:** 2013-04-19

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## SUBARU XV

year: **2012 →** without Keyless System programme №: **395** from: **2013-04-19**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## SUZUKI GRAND VITARA (Keyless)

year: **2008 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI GRAND VITARA

year: **2008 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI GRAND VITARA (Keyless)

year: **2005 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI GRAND VITARA

year: **2005 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI KIZASHI

year: **2010 →** with and without Keyless System programme №: **415** from: **2013-06-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | |

Comments:

Switches:

## SUZUKI SPLASH

year: **2008 →** without Keyless System programme №: **168** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 115 has to be set (non-recognition is caused by variety of installed engines).

Switches:

## SUZUKI SWIFT (Keyless)

year: **2010 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognition is caused by variety of installed engines).

Switches:

## SUZUKI SWIFT

year: **2010 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognition is caused by variety of installed engines).

Switches:

## SUZUKI SWIFT (Keyless)

year: **2005 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognition is caused by variety of installed engines).

Switches:

## SUZUKI SWIFT

year: **2005 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognition is caused by variety of installed engines).

Switches:

## SUZUKI SX4 (Keyless)

year: **2010 →** with Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## SUZUKI SX4

year: **2010 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## SUZUKI SX4 (Keyless)

year: **2006 →** with Keyless System only programme №: **115** from: **2013-06-24**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI SX4

year: **2006 →** without Keyless System programme №: **115** from: **2013-06-24**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | – | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

## SUZUKI SX4 S-CROSS (Keyless)

year: **2014 →** with Keyless System only programme №: **455** from: **2013-11-26**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| + | + | |

Comments:

Switches:

## SUZUKI XL7

year: **2008 →** programme №: **149** from: **2013-12-04**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | – | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| | | |

Comments:

Switches:

## TOYOTA AURIS

year: **2013 →** with and without Keyless System programme №: **338** from: **2013-12-11**

connector 15 pin

| | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, 10/12 & 11/12 way-in does not work.

Switches:

## TOYOTA AURIS (Hybrid)

**year:** 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, 10/12 & 11/12 way-in does not work.

Switches:

## TOYOTA AURIS

**year:** 2007 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA AVENSIS

**year:** 2012 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.Function "Comfort closure" works only when ignition is on. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA AVENSIS

**year:** 2009 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA CAMRY

**year:** 2012 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA CAMRY

**year:** 2007 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| | | |
|---|---|---|
| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
| – | + | + |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA COROLLA

year: **2013 →** with and without Keyless System programme №: **338** from: **2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## TOYOTA COROLLA

year: **2010 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA COROLLA

year: **2007 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## TOYOTA FJ CRUISER

year: **2007 →** without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | – | – | – | – | – | – | + | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## TOYOTA GT 86

year: **2012 →** with and without Keyless System programme №: **392** from: **2013-04-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments:

Switches:

## TOYOTA HIGHLANDER

year: **2014 →** with and without Keyless System programme №: **486** from: **2014-02-25**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments:

Switches:

## TOYOTA HIGHLANDER

**year:** 2011 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA HIGHLANDER

**year:** 2008 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA IQ

**year:** 2009 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA LAND CRUISER 150 (PRADO)

**year:** 2012 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA LAND CRUISER 150 (PRADO)

**year:** 2010 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA LAND CRUISER 200 (V8)

**year:** 2012 → with and without Keyless System **programme №:** 138 **from:** 2013-11-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA LAND CRUISER 200 (V8)

**year:** 2008 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA PRIUS

**year:** 2009 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA RAV4

**year:** 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, 10/12 & 11/12 way-in does not work. A module controls the car windows witch are marked on driver's door with the letter "A"

Switches:

## TOYOTA RAV4

**year:** 2011 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA RAV4

**year:** 2006 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA SEQUOIA

**year:** 2007 → with and without Keyless System **programme №:** 138 **from:** 2014-01-17

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA TUNDRA

year: **2008 →** with and without Keyless System programme №: **138** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | + |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA URBAN CRUISER

year: **2009 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## TOYOTA VENZA

year: **2012 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA VERSO

year: **2009 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, "All doors unlock"" & "Driver door unlock" function does not work.

Switches:

## TOYOTA YARIS

year: **2011 →** with and without Keyless System programme №: **338** from: **2013-12-11**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

## TOYOTA YARIS

year: **2006 →** with and without Keyless System programme №: **138** from: **2013-09-12**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## VOLVO 9700 (EURO 5)

year: **2009 →** programme №: **494** from: **2014-03-24**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| – | – | | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | – | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | – | – | – | – | – |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | – |

Comments:

Switches: EP L SET+ SET-

## VOLVO C30

year: **2007 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO C70

year: **2007 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO FH (EURO 6)

year: **2013 →** programme №: **464** from: **2014-02-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | | – | | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | | | | | | | | | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## VOLVO S40

year: **2005 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO S40

year: **2004 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO S60

year: **2011 →** with and without Keyless System programme №: **294** from: **2014-03-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches: P

## VOLVO S60

year: **2005 →** programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: P

## VOLVO S60

year: **2003 →** programme №: **134** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments:

Switches: P

## VOLVO S80

year: **2012 →** without Keyless System programme №: **295** from: **2013-06-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches: P

## VOLVO S80

year: **2007 →** with and without Keyless System programme №: **144** from: **2013-07-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "All doors unlock"" opens driver's door or all doors depends from car MENU settings.

Switches: P

## VOLVO S80

year: **2005 →** programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: P

## VOLVO S80

year: **2003 →** programme №: **134** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments:

Switches:

## VOLVO V40 (CROSS COUNTRY)

year: **2013 →** programme №: **414** from: **2013-12-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches:

## VOLVO V50

year: **2005 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO V50

year: **2004 →** programme №: **123** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VOLVO V60

year: **2011 →** with and without Keyless System programme №: **294** from: **2014-03-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | – | – | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

## VOLVO V70

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "All doors unlock"" opens driver's door or all doors depends from car MENU settings.

Switches:

## VOLVO V70

year: **2005 →** programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches:

## VOLVO V70

year: **2003 →** programme №: **134** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments:

Switches:

## VOLVO XC60

year: **2014 →** programme №: **294** from: **2014-03-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

## VOLVO XC60

year: **2012 →** with and without Keyless System programme №: **294** from: **2014-03-10**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

## VOLVO XC60

year: **2010 →** with and without Keyless System programme №: **144** from: **2013-07-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "All doors unlock"" opens driver's door or all doors depends from car MENU settings.

Switches:

## VOLVO XC60

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "All doors unlock"" opens driver's door or all doors depends from car MENU settings.

Switches:

## VOLVO XC70

year: **2013 →** programme №: **295** from: **2013-12-07**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | – | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches: P RESET OK RR RL SET+ SET-

## VOLVO XC70

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | |

Comments: Function "All doors unlock"" opens driver's door or all doors depends from car MENU settings.

Switches: P

## VOLVO XC70

year: **2005 →** programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: P

## VOLVO XC90

year: **2012 →** without Keyless System programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: P

## VOLVO XC90

year: **2005 →** programme №: **124** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: READ RESET P

## VOLVO XC90

year: **2003 →** programme №: **134** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | | + |

Comments:

Switches: P

## VW AMAROK (2H)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P

## VW CADDY (2K)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P FL FR RR RL

## VW CADDY (2K)

year: **2004 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments:

Switches: P

## VW CARAVELLE (7H)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VW CARAVELLE GP (7H)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P

## VW CRAFTER (2E)

year: **2006 →** with and without Keyless System programme №: **164** from: **2014-01-17**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | + |

Comments:

Switches: P

## VW EOS (1F)

**year:** 2006 → with and without Keyless System **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## VW GOLF 7 (AU)

**year:** 2013 → with and without Keyless System **programme №:** 448 **from:** 2014-02-21

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | – | | | + | + | + | – | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. "Comfort closure" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

## VW GOLF 6 (1K)

**year:** 2008 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## VW GOLF 5 (1K)

**year:** 2004 → **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## VW GOLF 5 (1K)

**year:** 2004 → **programme №:** 262 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## VW GOLF 4 (1J)

**year:** 2002 → **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches:

## VW GOLF 4 (1J)

year: **1998 →** programme №: **165** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | | | | | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments:

Switches:

## VW JETTA (16)

year: **2014 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P FL FR RR RL

## VW JETTA (1K)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P FL FR RR RL

## VW JETTA (1K)

year: **2005 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P

## VW MULTIVAN (7H)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.when the central locking is open, "Trunk release" way-in opens and closes rear passenger doors.

Switches:

## VW MULTIVAN GP (7H)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P

## VW NEW BEETLE (1C / 9C)

year: **2002 →** programme №: **166** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | | + | + | + | | | | | | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | + | | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## VW NEW BEETLE (1C / 9C)

year: **1998 →** programme №: **165** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | | | | | | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | + | | | | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments:

Switches:

## VW PASSAT B7 (3C)

year: **2011 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | ! |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments:

Switches: P FL FR RR RL

## VW PASSAT B6 (3C)

year: **2005 →** with and without Keyless System programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P

## VW PASSAT B5 (3B)

year: **2001 →** programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P

## VW PASSAT B5 (3B)

year: **1998 →** programme №: **165** from: **2014-01-03**

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | + | | + | |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments:

Switches: P

## VW PASSAT CC (3C)

**year:** 2012 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments:

Switches: P, ⊗, FL, FR, RR, RL

## VW PASSAT CC (3C)

**year:** 2009 → with and without Keyless System **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⊗

## VW PHAETON (3D)

**year:** 2003 → with and without Keyless System **programme №:** 122 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches: P, ⊗

## VW POLO (61) (Sedan)

**year:** 2011 → **programme №:** 262 **from:** 2013-12-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | – | – | – | – | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | – | – | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | – | – | – | – | – | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | – | |

Comments:

Switches: △, ▽, ⊗, P, ⊗, ⊗

## VW POLO (6R)

**year:** 2009 → **programme №:** 176 **from:** 2013-10-18

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P, ⊗

## VW POLO (9N)

**year:** 2005 → **programme №:** 161 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches: P

## VW SCIROCCO (13)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⊙, FL, FR

## VW SCIROCCO (13)

year: **2008 →** with and without Keyless System programme №: **111** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | | |

Comments:

Switches: P, ⊙

## VW SHARAN (7N)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments: Function "Trunk release" works only with central locking opened.in some cars output "Window roll-down" and "Comfort closure" may not work

Switches: P, ⊙, FL, FR, RR, RL

## VW T5 (7H)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | | — | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| — | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VW T5 GP (7H)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches: P, ⊙

## VW TIGUAN (5N)

year: **2013 →** with and without Keyless System programme №: **173** from: **2014-03-14**

connector 15 pin

| OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT — | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | — | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter: control blinkers | Alt. contr: centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | — |

connector 10 pin

| OUT + | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN — | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| — | + | — |

Comments:

Switches: ↗, ↘, △, ▽, ▷, ◁, GEAR+, GEAR-, OK, ⧉, ⧉, P, ⊙, 🔧, FL, FR, RR, RL, 🎧, 📞

## VW TIGUAN (5N)

**year:** 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲, FL, FR, RR, RL

## VW TIGUAN (5N)

**year:** 2007 → with and without Keyless System **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲

## VW TOUAREG (7P)

**year:** 2010 → with and without Keyless System **programme №:** 273 **from:** 2014-05-22

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | – | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: When the car is closed with factory remote control,"Trunk release" & "All doors unlock" function does not work.Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: P, ⟲, FL, FR, RR, RL

## VW TOUAREG (7L)

**year:** 2003 → with and without Keyless System **programme №:** 122 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| + | + | |

Comments:

Switches: P, ⟲

## VW TOURAN (1T)

**year:** 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | – |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | + | – |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲, FL, FR, RR, RL

## VW TOURAN (1T)

**year:** 2003 → **programme №:** 111 **from:** 2013-03-13

connector 15 pin

| OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT – | OUT + | OUT + |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | + | + | + | + | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: Function "Trunk release" works only with central locking opened.

Switches: P, ⟲

## VW TRANSPORTER (7H)

year: **2003 →** programme №: **161** from: **2013-03-13**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | | – | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| – | + | | | + | | + | | + | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| – | | |

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

## VW TRANSPORTER GP (7H)

year: **2010 →** programme №: **176** from: **2013-10-18**

connector 15 pin

| OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT | OUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | – | – | – | – | – | – | – | – | – | – | + | + |
| Driver door sensor | Passengers door sensor | Trunk sense | Hood sense | Factory alarm++ | Armed state | Lock factory remote | Unlock factory remote | Switches combination | Handbrake / Parking | Speed 10kmph | Engine run | Egine speed (RPM) | Ignition | Key in ignition |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

connector 8 pin

| + | – | CAN H | CAN L | CAN H | CAN L | OUT +/- | OUT +/- |
|---|---|---|---|---|---|---|---|
| PWR +12V | GND | CAN1-H | CAN1-L | CAN2-H | CAN2-L | Alter. control blinkers | Alt. contr. centr. lock. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| + | + | + | + | + | + | + | |

connector 10 pin

| OUT + | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN – | IN + |
|---|---|---|---|---|---|---|---|---|---|
| Footbrake | Drivers door opening sim. | Stop engine | Start engine | Comfort closure | Trunk release | All doors unlock | Driver door unlock | All doors lock | Turn signal control |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| + | + | | | | | | | | + |

| Contr. of factory alarm | Contr.c.lock. when ign.is on | Horn control |
|---|---|---|
| | | |

Comments:

Switches:

## Attention:

+ - Aletrnative control.

Wen the number of program for the selected car is set, it is possible to change the default function "Drivers door opening sim." on input 2/10 by entering the following number of program:

991 - sets function "Horn control" on 2/10 input

992 - restores function "Drivers door opening sim." on 2/10 input

When entering the number of program for the selected car the function "Drivers door opening sim." is set by default on 2/10 input

**Legend:**

| | | |
|---|---|---|
| VOLUME UP | VOLUME DOWN | UP |
| DOWN | RIGHT | LEFT |
| FFW | RRW | FRONT GLASS HEATING |
| REAR GLASS HEATING | STERING WEEL HEATING | HEATING SEAT DRIV. |
| HEATING SEAT PASS. | VENTILATION SEAT DRIV. | VENTILATION SEAT PASS. |
| HIGHER GEAR | LOWER GEAR | 4WD AUTO |
| 4WD LOCK | 4WD LOW | 2WD |
| SUSPENSION UP | SUSPENSION DOWN | SUSPENSION MODE |
| STEERING MODE | INCREASE FAN | DECREASE FAN |
| FAN MODE | SET TIRE PRESSURE | PARK ASSIST |
| PARKTRONIC OFF | WEBASTO | ESP_OFF |
| i-stop OFF | RVM | LC |
| AFS OFF | SPORT | NORMAL |
| ECO | HEIGHT HIGH | SNOW |
| SRC | TOUR | READ |

| | | | | | |
|---|---|---|---|---|---|
| RESET | RESET | MODE | MODE | ENTER | ENTER |
| OK | OK | HOME | HOME | ESC | ESC |
| OFF | OFF | LIST | LIST | MEM | MEM |
| NAVI | NAVI | MUSIC | MUSIC | TEL | TEL |
| SOURCE | SOURCE | info | INFO | MAIN | MAIN |
| M | SEETING'S | | MENU | | MENU OUT |
| P | HANDBRAKE | | FOOTBRAKE | | ACCELERATOR |
| A/T SW | THE STICK'S SWITCH OF THE AUTOMATIC TRANSMISSION | E/P | E/P | L | L |
| FL | FRONT LEFT DOOR WINDOW | FR | FRONT RIGHT DOOR WINDOW | RR | REAR RIGHT DOOR WINDOW |
| RL | REAR LEFT DOOR WINDOW | | LEFT OUTER MIRROR LEFT | | LEFT OUTER MIRROR RIGHT |
| | LEFT OUTER MIRROR UP | | LEFT OUTER MIRROR DOWN | | RIGHT OUTER MIRROR LEFT |
| | RIGHT OUTER MIRROR RIGHT | | RIGHT OUTER MIRROR UP | | RIGHT OUTER MIRROR DOWN |
| | CANCEL CRUISE | | CRUISE | | RESUME CRUISE |
| | SET CRUISE | SET+ | SET+ | SET- | SET- |
| ASL | ASL- Automatic Speed Limiter | | INCREASE THE DISTANCE FROM VEHICLE | | DECREASE THE DISTANCE FROM VEHICLE |
| | ADAPTIVE CRUISE CONTROL | | HILL DESCENT CONTROL | | SPEAKERPHONE |
| OFF | SPEAKERPHONE OFF | | CALL | | END CALL |
| | MUTE | | CONTRAST | | – |
| | HOURGLASS | 1 | 1 | 2 | 2 |
| 3 | 3 | 4 | 4 | 5 | 5 |
| 6 | 6 | 7 | 7 | 8 | 8 |
| 9 | 9 | 0 | 0 | * | Star |
| # | Grid | C | C | | |