

LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL	CAN1	CAN2	CAN3	CAN4	CAN5	CAN6	CAN7	CAN8	CAN9	CAN10	CAN11	CAN12	CAN13	CAN14	CAN15	CAN16	CAN17	CAN18	CAN19	CAN20	CAN21	CAN22	CAN23	CAN24	CAN25	CAN26	CAN27	CAN28	CAN29	CAN30	CAN31	CAN32	CAN33	CAN34	CAN35	CAN36	CAN37	CAN38	CAN39	CAN40	CAN41	CAN42	CAN43	CAN44	CAN45	CAN46	CAN47	CAN48	CAN49	CAN50	CAN51	CAN52	CAN53	CAN54	CAN55	CAN56	CAN57	CAN58	CAN59	CAN60	CAN61	CAN62	CAN63	CAN64	CAN65	CAN66	CAN67	CAN68	CAN69	CAN70	CAN71	CAN72	CAN73	CAN74	CAN75	CAN76	CAN77	CAN78	CAN79	CAN80	CAN81	CAN82	CAN83	CAN84	CAN85	CAN86	CAN87	CAN88	CAN89	CAN90	CAN91	CAN92	CAN93	CAN94	CAN95	CAN96	CAN97	CAN98	CAN99	CAN100	CAN101	CAN102	CAN103	CAN104	CAN105	CAN106	CAN107	CAN108	CAN109	CAN110	CAN111	CAN112	CAN113	CAN114	CAN115	CAN116	CAN117	CAN118	CAN119	CAN120	CAN121	CAN122	CAN123	CAN124	CAN125	CAN126	CAN127	CAN128	CAN129	CAN130	CAN131	CAN132	CAN133	CAN134	CAN135	CAN136	CAN137	CAN138	CAN139	CAN140	CAN141	CAN142	CAN143	CAN144	CAN145	CAN146	CAN147	CAN148	CAN149	CAN150	CAN151	CAN152	CAN153	CAN154	CAN155	CAN156	CAN157	CAN158	CAN159	CAN160	CAN161	CAN162	CAN163	CAN164	CAN165	CAN166	CAN167	CAN168	CAN169	CAN170	CAN171	CAN172	CAN173	CAN174	CAN175	CAN176	CAN177	CAN178	CAN179	CAN180	CAN181	CAN182	CAN183	CAN184	CAN185	CAN186	CAN187	CAN188	CAN189	CAN190	CAN191	CAN192	CAN193	CAN194	CAN195	CAN196	CAN197	CAN198	CAN199	CAN200	CAN201	CAN202	CAN203	CAN204	CAN205	CAN206	CAN207	CAN208	CAN209	CAN210	CAN211	CAN212	CAN213	CAN214	CAN215	CAN216	CAN217	CAN218	CAN219	CAN220	CAN221	CAN222	CAN223	CAN224	CAN225	CAN226	CAN227	CAN228	CAN229	CAN230	CAN231	CAN232	CAN233	CAN234	CAN235	CAN236	CAN237	CAN238	CAN239	CAN240	CAN241	CAN242	CAN243	CAN244	CAN245	CAN246	CAN247	CAN248	CAN249	CAN250	CAN251	CAN252	CAN253	CAN254	CAN255	CAN256	CAN257	CAN258	CAN259	CAN260	CAN261	CAN262	CAN263	CAN264	CAN265	CAN266	CAN267	CAN268	CAN269	CAN270	CAN271	CAN272	CAN273	CAN274	CAN275	CAN276	CAN277	CAN278	CAN279	CAN280	CAN281	CAN282	CAN283	CAN284	CAN285	CAN286	CAN287	CAN288	CAN289	CAN290	CAN291	CAN292	CAN293	CAN294	CAN295	CAN296	CAN297	CAN298	CAN299	CAN300	CAN301	CAN302	CAN303	CAN304	CAN305	CAN306	CAN307	CAN308	CAN309	CAN310	CAN311	CAN312	CAN313	CAN314	CAN315	CAN316	CAN317	CAN318	CAN319	CAN320	CAN321	CAN322	CAN323	CAN324	CAN325	CAN326	CAN327	CAN328	CAN329	CAN330	CAN331	CAN332	CAN333	CAN334	CAN335	CAN336	CAN337	CAN338	CAN339	CAN340	CAN341	CAN342	CAN343	CAN344	CAN345	CAN346	CAN347	CAN348	CAN349	CAN350	CAN351	CAN352	CAN353	CAN354	CAN355	CAN356	CAN357	CAN358	CAN359	CAN360	CAN361	CAN362	CAN363	CAN364	CAN365	CAN366	CAN367	CAN368	CAN369	CAN370	CAN371	CAN372	CAN373	CAN374	CAN375	CAN376	CAN377	CAN378	CAN379	CAN380	CAN381	CAN382	CAN383	CAN384	CAN385	CAN386	CAN387	CAN388	CAN389	CAN390	CAN391	CAN392	CAN393	CAN394	CAN395	CAN396	CAN397	CAN398	CAN399	CAN400	CAN401	CAN402	CAN403	CAN404	CAN405	CAN406	CAN407	CAN408	CAN409	CAN410	CAN411	CAN412	CAN413	CAN414	CAN415	CAN416	CAN417	CAN418	CAN419	CAN420	CAN421	CAN422	CAN423	CAN424	CAN425	CAN426	CAN427	CAN428	CAN429	CAN430	CAN431	CAN432	CAN433	CAN434	CAN435	CAN436	CAN437	CAN438	CAN439	CAN440	CAN441	CAN442	CAN443	CAN444	CAN445	CAN446	CAN447	CAN448	CAN449	CAN450	CAN451	CAN452	CAN453	CAN454	CAN455	CAN456	CAN457	CAN458	CAN459	CAN460	CAN461	CAN462	CAN463	CAN464	CAN465	CAN466	CAN467	CAN468	CAN469	CAN470	CAN471	CAN472	CAN473	CAN474	CAN475	CAN476	CAN477	CAN478	CAN479	CAN480	CAN481	CAN482	CAN483	CAN484	CAN485	CAN486	CAN487	CAN488	CAN489	CAN490	CAN491	CAN492	CAN493	CAN494	CAN495	CAN496	CAN497	CAN498	CAN499	CAN500	CAN501	CAN502	CAN503	CAN504	CAN505	CAN506	CAN507	CAN508	CAN509	CAN510	CAN511	CAN512	CAN513	CAN514	CAN515	CAN516	CAN517	CAN518	CAN519	CAN520	CAN521	CAN522	CAN523	CAN524	CAN525	CAN526	CAN527	CAN528	CAN529	CAN530	CAN531	CAN532	CAN533	CAN534	CAN535	CAN536	CAN537	CAN538	CAN539	CAN540	CAN541	CAN542	CAN543	CAN544	CAN545	CAN546	CAN547	CAN548	CAN549	CAN550	CAN551	CAN552	CAN553	CAN554	CAN555	CAN556	CAN557	CAN558	CAN559	CAN560	CAN561	CAN562	CAN563	CAN564	CAN565	CAN566	CAN567	CAN568	CAN569	CAN570	CAN571	CAN572	CAN573	CAN574	CAN575	CAN576	CAN577	CAN578	CAN579	CAN580	CAN581	CAN582	CAN583	CAN584	CAN585	CAN586	CAN587	CAN588	CAN589	CAN590	CAN591	CAN592	CAN593	CAN594	CAN595	CAN596	CAN597	CAN598	CAN599	CAN600	CAN601	CAN602	CAN603	CAN604	CAN605	CAN606	CAN607	CAN608	CAN609	CAN610	CAN611	CAN612	CAN613	CAN614	CAN615	CAN616	CAN617	CAN618	CAN619	CAN620	CAN621	CAN622	CAN623	CAN624	CAN625	CAN626	CAN627	CAN628	CAN629	CAN630	CAN631	CAN632	CAN633	CAN634	CAN635	CAN636	CAN637	CAN638	CAN639	CAN640	CAN641	CAN642	CAN643	CAN644	CAN645	CAN646	CAN647	CAN648	CAN649	CAN650	CAN651	CAN652	CAN653	CAN654	CAN655	CAN656	CAN657	CAN658	CAN659	CAN660	CAN661	CAN662	CAN663	CAN664	CAN665	CAN666	CAN667	CAN668	CAN669	CAN670	CAN671	CAN672	CAN673	CAN674	CAN675	CAN676	CAN677	CAN678	CAN679	CAN680	CAN681	CAN682	CAN683	CAN684	CAN685	CAN686	CAN687	CAN688	CAN689	CAN690	CAN691	CAN692	CAN693	CAN694	CAN695	CAN696	CAN697	CAN698	CAN699	CAN700	CAN701	CAN702	CAN703	CAN704	CAN705	CAN706	CAN707	CAN708	CAN709	CAN710	CAN711	CAN712	CAN713	CAN714	CAN715	CAN716	CAN717	CAN718	CAN719	CAN720	CAN721	CAN722	CAN723	CAN724	CAN725	CAN726	CAN727	CAN728	CAN729	CAN730	CAN731	CAN732	CAN733	CAN734	CAN735	CAN736	CAN737	CAN738	CAN739	CAN740	CAN741	CAN742	CAN743	CAN744	CAN745	CAN746	CAN747	CAN748	CAN749	CAN750	CAN751	CAN752	CAN753	CAN754	CAN755	CAN756	CAN757	CAN758	CAN759	CAN760	CAN761	CAN762	CAN763	CAN764	CAN765	CAN766	CAN767	CAN768	CAN769	CAN770	CAN771	CAN772	CAN773	CAN774	CAN775	CAN776	CAN777	CAN778	CAN779	CAN780	CAN781	CAN782	CAN783	CAN784	CAN785	CAN786	CAN787	CAN788	CAN789	CAN790	CAN791	CAN792	CAN793	CAN794	CAN795	CAN796	CAN797	CAN798	CAN799	CAN800	CAN801	CAN802	CAN803	CAN804	CAN805	CAN806	CAN807	CAN808	CAN809	CAN810	CAN811	CAN812	CAN813	CAN814	CAN815	CAN816	CAN817	CAN818	CAN819	CAN820	CAN821	CAN822	CAN823	CAN824	CAN825	CAN826	CAN827	CAN828	CAN829	CAN830	CAN831	CAN832	CAN833	CAN834	CAN835	CAN836	CAN837	CAN838	CAN839	CAN840	CAN841	CAN842	CAN843	CAN844	CAN845	CAN846	CAN847	CAN848	CAN849	CAN850	CAN851	CAN852	CAN853	CAN854	CAN855	CAN856	CAN857	CAN858	CAN859	CAN860	CAN861	CAN862	CAN863	CAN864	CAN865	CAN866	CAN867	CAN868	CAN869	CAN870	CAN871	CAN872	CAN873	CAN874	CAN875	CAN876	CAN877	CAN878	CAN879	CAN880	CAN881	CAN882	CAN883	CAN884	CAN885	CAN886	CAN887	CAN888	CAN889	CAN890	CAN891	CAN892	CAN893	CAN894	CAN895	CAN896	CAN897	CAN898	CAN899	CAN900	CAN901	CAN902	CAN903	CAN904	CAN905	CAN906	CAN907	CAN908	CAN909	CAN910	CAN911	CAN912	CAN913	CAN914	CAN915	CAN916	CAN917	CAN918	CAN919	CAN920	CAN921	CAN922	CAN923	CAN924	CAN925	CAN926	CAN927	CAN928	CAN929	CAN930	CAN931	CAN932	CAN933	CAN934	CAN935	CAN936	CAN937	CAN938	CAN939	CAN940	CAN941	CAN942	CAN943	CAN944	CAN945	CAN946	CAN947	CAN948	CAN949	CAN950	CAN951	CAN952	CAN953	CAN954	CAN955	CAN956	CAN957	CAN958	CAN959	CAN960	CAN961	CAN962	CAN963	CAN964	CAN965	CAN966	CAN967	CAN968	CAN969	CAN970	CAN971	CAN972	CAN973	CAN974	CAN975	CAN976	CAN977	CAN978	CAN979	CAN980	CAN981	CAN982	CAN983	CAN984	CAN985	CAN986	CAN987	CAN988	CAN989	CAN990	CAN991	CAN992	CAN993	CAN994	CAN995	CAN996	CAN997	CAN998	CAN999	CAN1000	CAN1001	CAN1002	CAN1003	CAN1004	CAN1005	CAN1006	CAN1007	CAN1008	CAN1009	CAN1010	CAN1011	CAN1012	CAN1013	CAN1014	CAN1015	CAN1016	CAN1017	CAN1018	CAN1019	CAN1020	CAN1021	CAN1022	CAN1023	CAN1024	CAN1025	CAN1026	CAN1027	CAN1028	CAN1029	CAN1030	CAN1031	CAN1032	CAN1033	CAN1034	CAN1035	CAN1036	CAN1037	CAN1038	CAN1039	CAN1040	CAN1041	CAN1042	CAN1043	CAN1044	CAN1045	CAN1046	CAN1047	CAN1048	CAN1049	CAN1050	CAN1051	CAN1052	CAN1053	CAN1054	CAN1055	CAN1056	CAN1057	CAN1058	CAN1059	CAN1060	CAN1061	CAN1062	CAN1063	CAN1064	CAN1065	CAN1066	CAN1067	CAN1068	CAN1069	CAN1070	CAN1071	CAN1072	CAN1073	CAN1074	CAN1075	CAN1076	CAN1077	CAN1078	CAN1079	CAN1080	CAN1081	CAN1082	CAN1083	CAN1084	CAN1085	CAN1086	CAN1087	CAN1088	CAN1089	CAN1090	CAN1091	CAN1092	CAN1093	CAN1094	CAN1095	CAN1096	CAN1097	CAN1098	CAN1099	CAN1100	CAN1101	CAN1102	CAN1103	CAN1104	CAN1105	CAN1106	CAN1107	CAN1108	CAN1109	CAN1110	CAN1111	CAN1112	CAN1113	CAN1114	CAN1115	CAN1116	CAN1117	CAN1118	CAN1119	CAN1120	CAN1121	CAN1122	CAN1123	CAN1124	CAN1125	CAN1126	CAN1127	CAN1128	CAN1129	CAN1130	CAN1131	CAN1132	CAN1133	CAN1134	CAN1135	CAN1136	CAN1137	CAN1138	CAN1139	CAN1140	CAN1141	CAN1142	CAN1143	CAN1144	CAN1145	CAN1146	CAN1147	CAN1148	CAN1149	CAN1150	CAN1151	CAN1152	CAN1153	CAN1154	CAN1155	CAN1156	CAN1157	CAN1158	CAN1159	CAN1160	CAN1161	CAN1162	CAN1163	CAN1164	CAN1165	CAN1166	CAN1167	CAN1168	CAN1169	CAN1170	CAN1171	CAN1172	CAN1173	CAN1174	CAN1175	CAN1176	CAN1177	CAN1178	CAN1179	CAN1180	CAN1181	CAN1182	CAN1183	CAN1184	CAN1185	CAN1186	CAN1187	CAN1188	CAN1189	CAN1190	CAN1191	CAN1192	CAN1193	CAN1194	CAN1195	CAN1196	CAN1197	CAN1198	CAN1199	CAN1200	CAN1201	CAN1202	CAN1203	CAN1204	CAN1205	CAN1206	CAN1207	CAN1208	CAN1209	CAN1210	CAN1211	CAN1212	CAN1213	CAN1214	CAN1215	CAN1216	CAN1217	CAN1218	CAN1219	CAN1220	CAN1221	CAN1222	CAN1223	CAN1224	CAN1225	CAN1226	CAN1227	CAN1228	CAN1229	CAN1230	CAN1231	CAN1232	CAN1233	CAN1234	CAN1235	CAN1236	CAN1237	CAN1238	CAN1239	CAN1240	CAN1241	CAN1242	CAN1243	CAN1244	CAN1245	CAN1246	CAN1247	CAN1248	CAN1249	CAN1250	CAN1251	CAN1252	CAN1253	CAN1254	CAN1255	CAN1256	CAN1257	CAN1258	CAN1259	CAN1260	CAN1261	CAN1262	CAN1263	CAN1264	CAN1265	CAN1266	CAN1267	CAN1268	CAN1269	CAN1270	CAN1271	CAN1272	CAN1273	CAN1274	CAN1275	CAN1276	CAN1277	CAN1278	CAN1279	CAN1280	CAN1281	CAN1282	CAN1283	CAN1284	CAN1285	CAN1286	CAN1287	CAN1288	CAN1289	CAN1290	CAN1291	CAN1292	CAN1293	CAN1294	CAN1295	CAN1296	CAN1297	CAN1298	CAN1299	CAN1300	CAN1301	CAN1302	CAN1303	CAN1304	CAN1305	CAN1306	CAN1307	CAN1308	CAN1309	CAN1310	CAN1311	CAN1312	CAN1313	CAN1314	CAN1315	CAN1316	CAN1317	CAN1318	CAN1319	CAN1320	CAN1321	CAN1322	CAN1323	CAN1324	CAN1325	CAN1326	CAN1327	CAN1328	CAN
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LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	DS002
104	BMW	X4	F26	13	2014-2018		1	1	1	1	1	1				
105	BMW	X4	G02	211	2018->		1	1			1	1				
106	BMW	X5	E70	13	2006-2013		1	1	1	1	1	1				
107	BMW	X5	F15	174	2013->		1	1			1	1				
108	BMW	X5	G05	211	2019->		1	1			1	1				2
109	BMW	X6	E71	13	2008-2014	With OEM alarm.	1	1	1	1	1	1				
110	BMW	X6	E72	13	2008-2014	With OEM alarm.	1	1	1	1	1	1				
111	BMW	X6	F16	174	2014->		1				1					
112	BMW	X7	G07	211	2018->		1	1			1	1				2
113	BMW	Z3	E36/7	269	1995-2002									+		
114	BMW	Z3	E36/8	269	1995-2002									+		
115	BMW	Z4	E89	13	2009->		1	1	1	1	1	1				
116	BMW	Z4	G29	211	2018->		1				1	1				2
117	Chevrolet	Aveo	T300	82	2011->	check installation diagram for proper level					1	1	1		[#4]	
118	Chevrolet	Aveo	T300	164	2014->	check installation diagram for proper level					1	1	1		[#4]	
119	Chevrolet	Camaro	6-GEN.	164	2016->						1	1	1		[#4]	5
120	Chevrolet	Captiva		49	2006-2011											
121	Chevrolet	Captiva		160	2011->	Version with keyless entry OEM alarm					1					
122	Chevrolet	Cruze	J300	82	2008->	check installation diagram for proper level					1	1	1		[#4]	
123	Chevrolet	Cruze	J300	147	2008-2016	check installation diagram for proper level					1	1			[#4]	
124	Chevrolet	Cruze	J300	164	2014-2016	check installation diagram for proper level					1	1	1		[#4]	
125	Chevrolet	Trax		82	2013->	check installation diagram for proper level					1	1	1		[#4]	
126	Chevrolet	Volt		82	2010-2015						1	1	1		[#4]	
127	Chrysler	300C		28	2005-2011		1	1		1	1					
128	Chrysler	Grand Voyager		70	2008->		1	1			1	1				
129	Chrysler	Pacifica		190	2017->						1	1				
130	Chrysler	PTCruiser		28	2006-2010		1	1		1		1				
131	Chrysler	Town&Country		70	2008->		1	1			1	1				
132	Chrysler	Voyager		70	2008->		1	1			1	1				
133	Citroen	Berlingo II	B9	10	2008-2018	Enable OEM alarm function in BSI			1		1	1	1			
134	Citroen	Berlingo III		144	2018->	check installation diagram for proper level								+		
135	Citroen	Berlingo III		218	2018->	check installation diagram for proper level					1	1				
136	Citroen	Berlingo III		226	2018->	check installation diagram for proper level								+		
137	Citroen	Berlingo III		263	2018->	check installation diagram for proper level								+		
138	Citroen	C1		213	2014->									+	[#6]	
139	Citroen	C2		10	2005-2010	Enable OEM alarm function in BSI			1		1	1	1			
140	Citroen	C3		10	2005-2009	Enable OEM alarm function in BSI			1		1	1	1			
141	Citroen	C3		10	2009-2016	Enable OEM alarm function in BSI			1		1	1	1			
142	Citroen	C3		144	2016->									+		
143	Citroen	C3 Aircross		218	2017->	check installation diagram for proper level					1	1				
144	Citroen	C3 Aircross		226	2017->	check installation diagram for proper level								+		
145	Citroen	C3 Aircross		263	2017->	check installation diagram for proper level								+		
146	Citroen	C3 Picasso		10	2009-2017	Enable OEM alarm function in BSI			1		1	1	1			
147	Citroen	C4	L	10	2004-2010	Enable OEM alarm function in BSI			1		1	1	1			
148	Citroen	C4	N	10	2010-2019	Enable OEM alarm function in BSI			1		1	1	1			
149	Citroen	C4		218	2020->						1	1				1
150	Citroen	C4 Aircross		40	2012-2017		1	1		1	1	1	1			
151	Citroen	C4 Cactus		144	2014->									+		
152	Citroen	C4 Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1			
153	Citroen	C4 Picasso		144	2013->	Version without Keyless Entry.								+		
154	Citroen	C4 Picasso		165	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1			
155	Citroen	C4 Grand Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1			
156	Citroen	C4 Grand Picasso		144	2013->	Version without Keyless Entry.								+		
157	Citroen	C4 Grand Picasso		165	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1			
158	Citroen	C5		10	2005-2008	Enable OEM alarm function in BSI			1		1	1	1			
159	Citroen	C5	X7	10	2008-2017	Enable OEM alarm function in BSI			1		1	1	1			
160	Citroen	C5	X7	79	2008-2017											
161	Citroen	C5 Aircross		218	2018->	check installation diagram for proper level					1	1				
162	Citroen	C5 Aircross		226	2018->	check installation diagram for proper level								+		
163	Citroen	C5 Aircross		263	2018->	check installation diagram for proper level								+		
164	Citroen	C-Crosser		40	2007-2011		1	1		1	1	1	1			
165	Citroen	C-Crosser		40	2011->		1	1		1	1	1	1			
166	Citroen	C-Elysee		144	2012->									+		
167	Citroen	DS3		10	2008-2015	Enable OEM alarm function in BSI			1		1	1	1			
168	Citroen	DS4		10	2010-2015	Enable OEM alarm function in BSI			1		1	1	1			
169	Citroen	DS5		10	2011-2015	Enable OEM alarm function in BSI			1		1	1	1			
170	Citroen	DS5		165	2011-2015	With keyless, no BSI programming			1		1	1	1			
171	Citroen	Jumper		15	2006-2011											
172	Citroen	Jumper		69	2011->		1*	1*	1*			1			[#1]	
173	Citroen	Jumpy		55	2007->	Enable OEM alarm function in BSI			1			1	1			
174	Citroen	Jumpy		144	2017->									+		
175	Citroen	Nemo		69	2007->		1*	1*	1*			1			[#1]	
176	Citroen	Spacetourer		144	2016->									+		
177	Dacia	Duster		153	2010-2017		1	1				1			[#1]	
178	Dacia	Duster II		153	2017->		1	1				1			[#1]	
179	Dacia	Dokker		153	2012->		1	1				1			[#1]	
180	Dacia	Lodgy		153	2012->		1	1				1			[#1]	
181	Dacia	Logan		153	2017->		1	1				1			[#1]	
182	Dacia	Sandero		153	2012->		1	1				1			[#1]	
183	Dacia	Sandero		153	2017->		1	1				1			[#1]	
184	DAF	LF Euro6		201	2013->											
185	DAF	XF Euro6		201	2013->											
186	Dodge	Avenger		28	2007->		1				1		1			
187	Dodge	Durango		28	2004-2009		1	1		1		1				
188	Dodge	Challenger		190	2015->		1	1			1	1				
189	Dodge	Grand Caravan		70	2008->		1	1			1	1				
190	Dodge	Grand Caravan		70	2008->		1	1			1	1				
191	Dodge	Journey		130	2011->		1								[#3]	
192	Dodge	Neon		202	2016->											
193	Dodge	Nitro		70	2006-2012		1	1			1	1				
194	Dodge	Ram		70	2009-2012		1	1			1	1				
195	Dodge	Ram		190	2012-2018						1	1				
196	DS Automobiles	DS3		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
197	DS Automobiles	DS4		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
198	DS Automobiles	DS5		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
199	DS Automobiles	DS5		165	2015->	With keyless, no BSI programming			1		1	1	1			
200	DS Automobiles	DS7 Crossback		218	2018->	Version with Keyless Entry.					1	1				1
201	Fiat	500		14	2007->		1*	1*	1*			1			[#5]	
202	Fiat	500 L		14	2012->		1*	1*	1*			1			[#5]	
203	Fiat	500 X		188	2014-2018						1				[#1]	
204	Fiat	500 X		188	2018->						1				[#1]	
205	Fiat	Aegea		202	2016->										[#3]	
206	Fiat	Bravo		53	2007->		1*	1*	1*						[#5]	

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

factory default - parameter 1 - level 3 509

CAN-BUS CONTROL

Coded pulse via dedicated wire

* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 3/11, CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR *TYTAN®GPS* DS512 FIRMWARE VERSION 0472

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL				BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	DS002
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS						
310	Hyundai	i10	IB/BA	166	2013->						1	1				
311	Hyundai	i20	GB	166	2014->						1	1				
312	Hyundai	i20	GB	166	2018->	After facelift. (FL)					1	1				
313	Hyundai	i30	GD	94	2011-2017		1	1			1	1	1		[#2]	
314	Hyundai	i40	VF	121	2011->	Version with Keyless Entry.	1	1	1		1	1	1		[#2]	
315	Hyundai	i40	VF	122	2011->	Version without Keyless Entry.	1	1	1		1	1	1		[#2]	
316	Hyundai	ix20		94	2010->		1	1			1	1	1		[#2]	
317	Hyundai	ix35		94	2013->	After facelift. (FL)	1	1			1	1	1		[#2]	
318	Hyundai	ix55		95	2009-2015											
319	Hyundai	Elantra	MD/UD	94	2010-2015		1	1			1	1	1		[#2]	
320	Hyundai	Elantra	AD	176	2015-2019						1	1	1			
321	Hyundai	Elantra	AD	166	2019->	After facelift. (FL)					1	1				
322	Hyundai	Genesis Coupe		125	2008-2012		1	1								
323	Hyundai	Grandeur	TG	95	2005-2011							1				
324	Hyundai	H350		198	2014->						1	1				
325	Hyundai	Kona		245	2017->											
326	Hyundai	Santa Fe	DM/NC	184	2012-2018		1	1			1	1				
327	Hyundai	Tucson	TL	166	2015-2017						1	1				
328	Hyundai	Tucson	TL	166	2017->						1	1				1
329	Hyundai	Veracruz		95	2007-2015							1				
330	Infiniti	FX35		58	2003-2008										[#1]	
331	Infiniti	G37		102	2009-2013		1	1							[#1]	
332	Infiniti	Q50		102	2013->		1	1							[#1]	
333	Isuzu	D-Max	RG01	284	2019->						1					
334	Isuzu	F		254	2013->											
335	Isuzu	M21		254	2018->											
336	Isuzu	N35		264	2013->	24V										
337	Iveco	Daily IV		15	2006-2011											
338	Iveco	Daily V		69	2011-2014		1*	1*	1*			1			[#1]	
339	Iveco	Daily VI		69	2014-2019							1			[#1]	
340	Iveco	Daily VII		69	2019->							1			[#1]	
341	Iveco	Eurocargo		253	2007->							1				
342	Iveco	Stralis		200	2012->											
343	Jaguar	F-Pace	X761	203	2016->						1	1				
344	Jaguar	F-Pace	X761	231	2017->											6
345	Jaguar	F-Type	X152	203	2013->											
346	Jaguar	XF		173	2008-2011						1	1				
347	Jaguar	XF	X260	203	2015->						1	1				
348	Jaguar	XJ	X351	107	2009->						1					
349	Jaguar	XJL	X351	107	2009->						1					
350	Jeep	Cherokee	KL	193	2013->						1	1				
351	Jeep	Compass	MK49	28	2007-2017		1	1			1		1			
352	Jeep	Compass	MP	188	2017->		1	1			1				[#1]	
353	Jeep	Grand Cherokee	WJ	225	1999-2004											
354	Jeep	Grand Cherokee	WK	28	2005-2010		1	1			1		1			
355	Jeep	Grand Cherokee	WK2	70	2010-2013		1	1			1	1				
356	Jeep	Grand Cherokee	WK2	190	2013->		1	1			1	1				
357	Jeep	Renegade		188	2014-2017						1				[#1]	
358	Jeep	Renegade		188	2017->						1				[#1]	
359	Jeep	Wrangler	JK	70	2007-2017		1	1			1	1				
360	Jeep	Wrangler	JL	244	2018->		1	1			1	1				
361	Kia	Carens	RP	219	2013->								1			
362	Kia	Carnival	VQ	22	2005-2010							1	1			
363	Kia	cee'd	JD	135	2012-2018		1				1	1	1		[#2]	
364	Kia	Ceed	CD	245	2018->		1				1	1				
365	Kia	Niro	DE	216	2016->						1		1		[#2]	
366	Kia	Opirus		23	2003-2010											
367	Kia	Optima	TF	187	2010-2015		1	1			1	1	1		[#2]	
368	Kia	Optima	JF	166	2015->						1	1				
369	Kia	Picanto	JA	228	2017->						1	1				
370	Kia	Proceed		245	2018->		1				1	1				
371	Kia	Rio	UB	135	2011-2017		1				1	1	1		[#2]	
372	Kia	Rio	YB	228	2017->						1	1				
373	Kia	Sorento	XM	108	2009-2015										[#2]	
374	Kia	Sorento	XM	170	2012-2015	After facelift. (FL)							1		[#2]	
375	Kia	Sorento	UM	166	2015->						1	1				
376	Kia	Sorento	MQ4	281	2020->		1				1	1	1			
377	Kia	Soul	AM	136	2010-2012											
378	Kia	Soul	AM	170	2012-2014								1		[#2]	
379	Kia	Soul	PS	166	2014->						1	1				
380	Kia	Sportage	SL	109	2010-2016		1				1	1			[#2]	
381	Kia	Sportage	QL	166	2015->						1	1				
382	Kia	Stinger		216	2017->						1				[#2]	
383	Kia	Stonic		228	2017->						1	1				
384	Lada	Kalina 2		181	2013->											
385	Lada	Granta		181	2011->											
386	Lada	Priora		181	2013->											
387	Lamborghini	Urus		214	2018->		1				1	1				
388	Land Rover	Discovery 3		80	2004-2009						1					
389	Land Rover	Discovery 4		107	2009-2013						1					
390	Land Rover	Discovery 4		203	2013-2016						1	1				
391	Land Rover	Discovery 5		231	2018->						1	1				6
392	Land Rover	Range Rover Evoque		203	2011-2014						1	1				
393	Land Rover	Range Rover Evoque		203	2015->						1	1				
394	Land Rover	Range Rover Sport	L320	80	2003-2009						1					
395	Land Rover	Range Rover Sport	L320	107	2010-2013						1					
396	Land Rover	Range Rover Sport	L494	231	2018->						1	1				6
397	Land Rover	Range Rover Velar	L560	231	2018->						1	1				6
398	Lexus	GS	S190	60	2005-2012		1									
399	Lexus	GS		127	2012-2015		1	1	1						[#1]	
400	Lexus	HS	ANF20	128	2009->		1	1	1		1	1				
401	Lexus	IS	XE20	124	2005-2013	With OEM alarm.						1				
402	Lexus	IS	XE30	127	2013->		1	1	1						[#1]	
403	Lexus	NX	AZ10	127	2014->		1	1	1							
404	Lexus	RC	AVC10	127	2014->		1	1	1							
405	Lexus	RX	L10	128	2009-2015		1				1	1				
406	Lexus	RX	L20	127	2015->		1	1	1							
407	MAN	TGA		171	2012->											
408	MAN	TGA		234	2012->											
409	MAN	TGE		221	2017->		1				1	1				
410	MAN	TGL		171	2012->											
411	MAN	TGL		234	2012->											
412	MAN	TGM		171	2012->											

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512
FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	DS002
413	MAN	TGM		234	2012->									+		
414	MAN	TGS		271	2020->		1						1			
415	MAN	TGX		171	2012->									+		
416	MAN	TGX		234	2012->									+		
417	MAN	TGX		271	2020->		1						1			
418	Maserati	Ghibli		190	2013->		1	1			1	1				
419	Maxus	eDeliver3		285	2021->						1					
420	Maxus	eDeliver9		286	2021->						1					
421	Mazda	2	DE	103	2007-2014									+	[#1]	
422	Mazda	2	DJ	138	2014->						1	1				[#1]
423	Mazda	3	BL	103	2009-2013								1	+		[#1]
424	Mazda	3	BM	138	2013->	Hatchback (2-button OEM remote)					1	1				[#1]
425	Mazda	3	BM	138	2013->	Sedan (3-button OEM remote)					1	1				[#1]
426	Mazda	3	BP	275	2020->											
427	Mazda	5	CW	103	2010->											[#1]
428	Mazda	6	GH	45	2007-2012											[#1]
429	Mazda	6	GJ	138	2012-2015						1	1				[#1]
430	Mazda	6	GJ	138	2015->	After facelift. (FL)					1	1				[#1]
431	Mazda	CX-3	DK	138	2015->						1	1				[#1]
432	Mazda	CX-30	DM	275	2020->											
433	Mazda	CX-5	KE	138	2011->						1	1				[#1]
434	Mazda	CX-5	KE	138	2015->	After facelift. (FL)					1	1				[#1]
435	Mazda	CX-7		64	2007->											[#1]
436	Mazda	CX-9		96	2007->								+			[#1]
437	Mazda	MX-5	ND	138	2015->						1	1				[#1]
438	Mercedes	A	W169	91	2004-2012		1	1	1	1	1	1				
439	Mercedes	A	W176	39	2012-2018		1	1	1	1	1	1	1			
440	Mercedes	A	W177	261	2018->		1	1	1		1	1	1			
441	Mercedes	Actros (New)	2 gen.	183	2011->	Instrument cluster CAN, no FMS gate required										
442	Mercedes	Antos		183	2012->											
443	Mercedes	Arocs		183	2013->	Instrument cluster CAN, no FMS gate required										
444	Mercedes	Atego (Euro6)		183	2013->											
445	Mercedes	Atego		183	2013->											
446	Mercedes	B	W245	91	2005-2011		1	1	1	1	1	1				
447	Mercedes	B	W246	39	2011->		1	1	1	1	1	1	1			
448	Mercedes	C	W203	93	2000-2007		1	1	1	1	1	1				
449	Mercedes	C	W204	39	2007-2014		1	1	1	1	1	1	1			
450	Mercedes	C	W205	182	2014->	if no door signal - use level 241	1	1	1		1	1	1			
451	Mercedes	C	W205	241	2014->						1	1	1			
452	Mercedes	Citan	W415	57	2012->								1	+	[#1]	
453	Mercedes	Citan	W415	210	2012->								1	+	[#1]	
454	Mercedes	CL	C215	27	1999-2006		1	1	1	1	1	1				
455	Mercedes	CL	C216	39	2006-2014		1	1	1	1	1	1	1			
456	Mercedes	CLA	C117	39	2013-2019		1	1	1	1	1	1	1			
457	Mercedes	CLA	C118	261	2019->		1	1	1		1	1	1			
458	Mercedes	CLK	C208	37	1997-2003	RF transmitter.	1		1	1			1			
459	Mercedes	CLK	C209	9	2002-2009		1	1	1	1	1					
460	Mercedes	CLS	C219	9	2004-2010		1	1	1	1	1					
461	Mercedes	CLS	C218	65	2010->		1	1	1	1	1	1	1			
462	Mercedes	E	A207	65	2009->		1	1	1	1	1	1	1			
463	Mercedes	E	C207	65	2009->		1	1	1	1	1	1	1			
464	Mercedes	E	W210	19	1995-1997	IR transmitter.	1					1				
465	Mercedes	E	W210	37	1997-2002	RF transmitter.	1		1	1			1			
466	Mercedes	E	W211	9	2002-2009		1	1			1					
467	Mercedes	E	W212	39	2009->		1	1	1	1	1	1	1			
468	Mercedes	E	W213	223	2016->	if no door signal - use level 242	1	1			1	1				1
469	Mercedes	E	W213	242	2016->		1	1			1	1	1			1
470	Mercedes	G	W463	93	2000-2012		1	1	1	1	1	1				
471	Mercedes	G	W463	39	2012-2017		1	1	1	1	1	1	1			
472	Mercedes	G	W463	242	2017->		1	1	1		1	1	1			
473	Mercedes	GL	X164	9	2006-2012		1	1	1	1	1					
474	Mercedes	GL	X166	39	2012-2016		1	1	1	1	1	1	1			
475	Mercedes	GLS	X166	39	2016->		1	1	1	1	1	1	1			
476	Mercedes	GLA	X156	39	2013->		1	1	1	1		1	1			
477	Mercedes	GLC	X205	182	2015->		1	1	1		1	1	1			
478	Mercedes	GLC	X253	182	2015->		1	1	1		1	1	1			
479	Mercedes	GLE Coupe	C292	39	2015->		1	1	1	1	1	1	1			
480	Mercedes	GLE Wagon	W166	39	2015->		1	1	1	1	1	1	1			
481	Mercedes	ML	W164	9	2005-2011		1	1	1	1	1					
482	Mercedes	ML	W166	39	2011-2015		1	1	1	1	1	1	1			
483	Mercedes	R	W251	9	2005-2013		1	1	1	1	1					
484	Mercedes	S	W220	27	1998-2003		1	1	1	1	1					
485	Mercedes	S	W220	27	2003-2005		1	1	1	1	1	1				
486	Mercedes	S	W221	39	2005-2013		1	1	1	1	1	1	1			
487	Mercedes	S	W222	182	2013->		1	1	1		1	1	1			
488	Mercedes	SL	R230	27	2001-2011		1	1	1	1	1					
489	Mercedes	SLK	R171	92	2004-2011		1	1	1	1	1					
490	Mercedes	SLS	C197	39	2010->		1	1	1	1	1	1	1			
491	Mercedes	Sprinter II	W906	16	2006-2013		1	1	1	1	1	1	1			
492	Mercedes	Sprinter II	W906	16	2013-2018		1	1	1	1	1	1	1			
493	Mercedes	Sprinter III	W907	240	2018->		1	1	1		1	1	1			
494	Mercedes	Sprinter III	W910	240	2018->		1	1	1		1	1	1			
495	Mercedes	Travego III O580		232	2008->						1			+		
496	Mercedes	V	W447	195	2014->		1		1				1			
497	Mercedes	Viano	W639	17	2003->		1	1	1	1	1					
498	Mercedes	Vito	W639	17	2003-2014		1	1	1	1						
499	Mercedes	Vito	W447	195	2014->		1		1		1		1			
500	Mercedes	X	W470	102	2017-2020	Version with Keyless Entry.	1	1							[#1]	
501	MG	ZS		266	2017->						1		1			
502	Mini	Cabrio	F57	174	2016->						1					
503	Mini	Cooper	R56	13	2006-2013		1	1	1	1	1	1				
504	Mini	Countryman	R60	13	2010-2016		1	1	1	1	1	1				
505	Mini	Countryman	F60	174	2017->						1					
506	Mini	Coupe	R58	13	2012-2015		1	1	1	1	1	1				
507	Mini	Clubman	R55	13	2007-2014		1	1	1	1	1	1				
508	Mini	Clubman	F54	174	2015->						1					
509	Mini	Hardtop	F56	174	2013->						1					
510	Mini	Hatch	F55	174	2015->						1					
511	Mini	Paceman	R61	13	2013-2016		1	1	1	1	1	1				
512	Mini	Roadster	R59	13	2012-2015		1	1	1	1	1	1				
513	Mitsubishi	ASX	3 gen.	40	2010->		1	1		1	1	1	1			
514	Mitsubishi	ASX	3 gen.	40	2020->		1	1		1	1	1	1			
515	Mitsubishi	Eclipse Cross		151	2018->		1	1			1					

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512
FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL	CAN	YEAR	NOTE	CENTRAL LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET RELEASE	OEM ALARM	REVERSE SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
516	Mitsubishi	L200		177		2015->	Version with Keyless Entry	1	1			1				
517	Mitsubishi	L200		178		2015->	Version without Keyless Entry.	1	1			1				
518	Mitsubishi	Lancer	8. gen	40		2007-2011		1	1		1	1	1	1		
519	Mitsubishi	Lancer	8. gen	40		2011->	After facelift. (FL)	1	1		1	1	1	1		
520	Mitsubishi	Outlander		40		2006-2010		1	1		1	1	1	1		
521	Mitsubishi	Outlander		40		2010-2011		1	1		1	1	1	1		
522	Mitsubishi	Outlander		40		2011-2012		1	1		1	1	1	1		
523	Mitsubishi	Outlander		151		2012->		1	1			1				
524	Mitsubishi	Space Star		177		2013->	Version with Keyless Entry.	1	1			1				
525	Mitsubishi	Space Star		178		2013->	Version without Keyless Entry.	1	1			1				
526	Mitsubishi	Triton		177		2015->	Version with Keyless Entry	1	1			1				
527	Mitsubishi	Triton		178		2015->	Version without Keyless Entry.	1	1			1				
528	Nissan	370Z		59		2008->	Version with Keyless Entry.									[#1]
529	Nissan	Altima	L33	102		2012-2018		1	1			1	1			[#1]
530	Nissan	Cube	Z12	102		2008->		1	1	1						[#1]
531	Nissan	Juke	F15	42		2010->	Version without Keyless Entry.								+	[#1]
532	Nissan	Juke	F15	102		2010->	Version with Keyless Entry.	1	1							[#1]
533	Nissan	Juke	F15	102		2014->	Version with Keyless Entry.	1	1							[#1]
534	Nissan	Juke II		257		2019->						1		1		
535	Nissan	Leaf		220		2010->	Version with Keyless Entry.	1	1							[#1]
536	Nissan	Leaf		248		2017->								1		
537	Nissan	Micra	K12	41		2003-2010									+	[#1]
538	Nissan	Micra	K13	42		2010-2013									+	[#1]
539	Nissan	Micra	K13	42		2013-2016									+	[#1]
540	Nissan	Micra	K13	102		2013-2016	Version with Keyless Entry.	1	1						+	[#1]
541	Nissan	Micra	K14	222		2016->		1								[#1]
542	Nissan	Murano	Z50	58		2002-2008	Version with Keyless Entry.								+	[#1]
543	Nissan	Murano	Z50	59		2002-2008	Version without Keyless Entry.								+	[#1]
544	Nissan	Murano	Z51	42		2009-2014	Version without Keyless Entry.								+	[#1]
545	Nissan	Murano	Z51	58		2009-2014	Version with Keyless Entry.								+	[#1]
546	Nissan	Navara	D40	42		2006-2015	Version without Keyless Entry.								+	[#1]
547	Nissan	Navara	D40	58		2006-2015	Version with Keyless Entry.								+	[#1]
548	Nissan	Navara	D23	102		2015->	Version with Keyless Entry.	1	1							[#1]
549	Nissan	NV200		57		2009->								1	+	[#1]
550	Nissan	NV200		210		2009->								1	+	[#1]
551	Nissan	NV200		258		2009->								1	+	
552	Nissan	NV250		57		2019->								1	+	[#1]
553	Nissan	NV250		210		2019->								1	+	[#1]
554	Nissan	Note		41		2006-2012									+	[#1]
555	Nissan	Note II		42		2012->									+	[#1]
556	Nissan	Note II		102		2012->	Version without Keyless Entry.	1	1						+	[#1]
557	Nissan	Pathfinder	R51	42		2005-2012	Version without Keyless Entry.								+	[#1]
558	Nissan	Pathfinder	R51	58		2005-2012	Version with Keyless Entry.								+	[#1]
559	Nissan	Pixo		81		2009->									+	[#1]
560	Nissan	Presage	U31	102		2006-2009		1	1							[#1]
561	Nissan	Pulsar		172		2014->						1				[#1]
562	Nissan	Qashqai	J10	58		2006-2010	Version with Keyless Entry.									[#1]
563	Nissan	Qashqai	J10	42		2010-2013	Version without Keyless Entry.								+	[#1]
564	Nissan	Qashqai	J10	58		2010-2013	Version with Keyless Entry. FL									[#1]
565	Nissan	Qashqai	J11	172		2013->						1				[#1]
566	Nissan	Qashqai	J11	172		2017->						1				[#1]
567	Nissan	Qashqai	J12	282		2021->									+	
568	Nissan	Qashqai +2	NJ10	42		2008-2010	Version without Keyless Entry.								+	[#1]
569	Nissan	Qashqai +2	NJ10	58		2008-2010	Version with Keyless Entry.									[#1]
570	Nissan	Qashqai +2	NJ10	42		2010->	Version without Keyless Entry. FL								+	[#1]
571	Nissan	Qashqai +2	NJ10	58		2010->	Version with Keyless Entry. FL									[#1]
572	Nissan	Serena		102		2005-2010		1	1							[#1]
573	Nissan	Tiida		41		2006-2011									+	[#1]
574	Nissan	Wingroad		102		2006->		1	1							[#1]
575	Nissan	X-trail	T31	42		2007-2014	Version without Keyless Entry.								+	[#1]
576	Nissan	X-trail	T31	58		2007-2014	Version with Keyless Entry.									[#1]
577	Nissan	X-trail	T32	172		2014-2017						1				[#1]
578	Opel	Adam		82		2012->	check installation diagram for proper level					1	1	1		[#4]
579	Opel	Adam		147		2012->	check installation diagram for proper level						1			[#4]
580	Opel	Adam		164		2014->	check installation diagram for proper level					1	1	1		[#4]
581	Opel	Antara		49		2007->										
582	Opel	Antara		160		2011->	Version with keyless entry OEM alarm					1				
583	Opel	Agila	B	44		2007-2015	Version with Keyless Entry.	1	1	1						[#1]
584	Opel	Agila	B	81		2007-2015	Version without Keyless Entry.	1	1	1					+	[#1]
585	Opel	Ampera		82		2011-2016						1	1	1		[#4]
586	Opel	Astra	H	18		2004-2009										
587	Opel	Astra	H	217		2004-2009	Cabrio with Keyless									
588	Opel	Astra	J	82		2009->	check installation diagram for proper level					1	1	1		[#4]
589	Opel	Astra	J	147		2009->	check installation diagram for proper level									[#4]
590	Opel	Astra	K	164		2014->	check installation diagram for proper level					1	1	1		[#4]
591	Opel	Cascada		82		2009->	check installation diagram for proper level									[#4]
592	Opel	Cascada		147		2009->	check installation diagram for proper level									[#4]
593	Opel	Cascada		164		2009->	check installation diagram for proper level					1	1	1		[#4]
594	Opel	Combo	D	14		2011-2018		1*	1*	1*					1	[#1]
595	Opel	Combo	D	69		2011-2018		1*	1*	1*					1	[#1]
596	Opel	Combo	E	144		2018->	check installation diagram for proper level								+	
597	Opel	Combo	E	218		2018->	check installation diagram for proper level					1	1			
598	Opel	Combo	E	226		2018->	check installation diagram for proper level								+	
599	Opel	Combo	E	263		2018->	check installation diagram for proper level								+	
600	Opel	Corsa	D	72		2006-2014	3 door							1		
601	Opel	Corsa	D	18		2006-2014	5 door							1		
602	Opel	Corsa	E	164		2014-2019	check installation diagram for proper level					1	1	1		[#4]
603	Opel	Corsa	F	218		2019->	check installation diagram for proper level					1	1			
604	Opel	Corsa	F	268		2019->	check installation diagram for proper level								+	
605	Opel	Crossland X		218		2017->	check installation diagram for proper level					1	1			
606	Opel	Crossland X		226		2017->	check installation diagram for proper level								+	
607	Opel	Crossland X		263		2017->	check installation diagram for proper level								+	
608	Opel	Grandland X		218		2017->	check installation diagram for proper level					1	1			
609	Opel	Grandland X		226		2017->	check installation diagram for proper level								+	
610	Opel	Grandland X		263		2017->	check installation diagram for proper level								+	
611	Opel	Insignia	A	82		2008-2013	check installation diagram for proper level					1	1	1		[#4]
612	Opel	Insignia	A	147		2008-2013	check installation diagram for proper level									[#4]
613	Opel	Insignia	A	164		2014-2017	check installation diagram for proper level					1	1	1		[#4]
614	Opel	Insignia	B	164		2017->						1	1	1		[#4]
615	Opel	Karl		164		2014->						1	1	1		[#4]
616	Opel	Meriva	B	116		2010->										
617	Opel	Mokka		82		2012->	check installation diagram for proper level					1	1	1		[#4]
618	Opel	Mokka		147		2012->	check installation diagram for proper level							1		[#4]

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN L	TRUN K	HAZ L	POWER WIN	BSI	OEM	REV G	CAN ALAR	CAN +AN	CO
619	Opel	Mokka			164 2014->	check installation diagram for proper level					1	1	1			[#4]
620	Opel	Movano B			210 2010->								1	+		[#1]
621	Opel	Signum			18 2003-2008		1	1	1	1		1				
622	Opel	Vectra	C		141 2002-2009		1	1	1	1		1				
623	Opel	Vivaro			153 2014->		1	1					1			[#1]
624	Opel	Vivaro			267 2019->	only version with dea-dlock									+	
625	Opel	Zafira	B		18 2005-2011		1	1	1	1		1				
626	Opel	Zafira	C		82 2011->	check installation diagram for proper level					1	1	1			[#4]
627	Opel	Zafira	C		147 2011->	check installation diagram for proper level						1				[#4]
628	Opel	Zafira	C		164 2014->	check installation diagram for proper level					1	1	1			[#4]
629	Opel	Zafira Tourer	C		82 2011->	check installation diagram for proper level					1	1	1			[#4]
630	Opel	Zafira Tourer	C		147 2011->	check installation diagram for proper level						1				[#4]
631	Opel	Zafira Tourer	C		164 2014->	check installation diagram for proper level					1	1	1			[#4]
632	Peugeot	108			213 2014->										+	[#6]
633	Peugeot	207			10 2006-2012	Enable OEM alarm function in BSI			1		1	1	1			
634	Peugeot	208			144 2012->	Version without Keyless Entry									+	
635	Peugeot	208			218 2019->	check installation diagram for proper level					1	1				
636	Peugeot	208			263 2019->	check installation diagram for proper level									+	
637	Peugeot	208-e			218 2019->	check installation diagram for proper level					1	1				
638	Peugeot	208-e			263 2019->	check installation diagram for proper level									+	
639	Peugeot	2008			144 2013->										+	
640	Peugeot	301			144 2012->										+	
641	Peugeot	307			10 2005-2008	Enable OEM alarm function in BSI			1		1	1	1			
642	Peugeot	308			10 2007-2013	Enable OEM alarm function in BSI			1		1	1	1			
643	Peugeot	308			144 2013->	Version without Keyless Entry.									+	
644	Peugeot	308			165 2013->	W/keyless,enable OEM alarm function in BSI					1	1	1			
645	Peugeot	3008			10 2009->	Enable OEM alarm function in BSI			1		1	1	1			
646	Peugeot	3008			218 2016->	check installation diagram for proper level					1	1				1
647	Peugeot	3008			226 2016->	check installation diagram for proper level					1	1			+	1
648	Peugeot	3008			263 2016->	check installation diagram for proper level									+	1
649	Peugeot	407			11 2004-2011				1		1	1				
650	Peugeot	4007			40 2007-2011		1	1		1	1	1	1			
651	Peugeot	4007			40 2011-2012		1	1		1	1	1	1			
652	Peugeot	4008			40 2012->		1	1		1	1	1	1			
653	Peugeot	508			10 2010->	Enable OEM alarm function in BSI			1		1	1	1			
654	Peugeot	508			10 2010->	W/keyless,enable OEM alarm function in BSI			1		1	1	1			
655	Peugeot	508			218 2017->	check installation diagram for proper level					1	1				1
656	Peugeot	508			263 2017->	check installation diagram for proper level									+	1
657	Peugeot	5008			10 2009->	Enable OEM alarm function in BSI			1		1	1	1			
658	Peugeot	5008			218 2017->	Version with Keyless					1	1				1
659	Peugeot	5008			218 2017->	check installation diagram for proper level					1	1				
660	Peugeot	5008			226 2017->	check installation diagram for proper level									+	1
661	Peugeot	5008			263 2017->	check installation diagram for proper level									+	1
662	Peugeot	Bipper			69 2008->		1*	1*	1*				1			[#1]
663	Peugeot	Boxer			15 2006-2011											
664	Peugeot	Boxer			69 2011->		1*	1*	1*				1			[#1]
665	Peugeot	Expert II			55 2007-2016	Enable OEM alarm function in BSI			1		1	1	1			
666	Peugeot	Expert III			144 2016->										+	
667	Peugeot	Partner	II		10 2008->	Enable OEM alarm function in BSI			1		1	1	1			
668	Peugeot	Partner	III		144 2018->	check installation diagram for proper level									+	
669	Peugeot	Partner	III		218 2018->	check installation diagram for proper level					1	1				
670	Peugeot	Partner	III		226 2018->	check installation diagram for proper level									+	
671	Peugeot	Partner	III		263 2018->	check installation diagram for proper level									+	
672	Peugeot	Rifter			144 2018->	check installation diagram for proper level									+	
673	Peugeot	Rifter			218 2018->	check installation diagram for proper level					1	1				
674	Peugeot	Rifter			226 2018->	check installation diagram for proper level									+	
675	Peugeot	Rifter			263 2018->	check installation diagram for proper level									+	
676	Peugeot	Traveller			144 2016->										+	
677	Porsche	911	997		66 2004-2012		1			1		1	1			
678	Porsche	911	991		106 2012->		1	1				1	1			
679	Porsche	Boxter	987		66 2004-2012				1			1	1			
680	Porsche	Cayenne	9PA		20 2002-2010		1	1	1	1	1	1	1			
681	Porsche	Cayenne	9PA		77 2002-2010		1	1	1	1	1	1	1			
682	Porsche	Cayenne	9PA		243 2002-2010	Single lock/unlock button on remote	1	1	1	1	1	1	1			
683	Porsche	Cayenne	92A		104 2010-2018	Keyless trunk DO NOT unlock all doors	1	1				1	1			
684	Porsche	Cayenne	92A		106 2010-2018	Keyless trunk unlocks all doors	1	1				1	1			
685	Porsche	Cayenne	9Y		214 2018->		1					1	1			
686	Porsche	Cayman	987		66 2006-2013				1			1	1			
687	Porsche	Cayman	981		106 2013-2016		1	1				1	1			
688	Porsche	Macan	95B		106 2014->		1	1				1	1			
689	Porsche	Panamera			104 2009->	Keyless trunk DO NOT unlock all doors	1	1				1	1			
690	Porsche	Panamera			106 2009-2016	Keyless trunk unlocks all doors	1	1				1	1			
691	Porsche	Panamera			214 2017->		1	1				1	1			
692	Renault	Captur			153 2013->		1	1					1			[#1]
693	Renault	Captur II			257 2019->						1					
694	Renault	Clio III GrandTour			51 2008-2012								1	+		[#1]
695	Renault	Clio III	R		51 2005-2012								1	+		[#1]
696	Renault	Clio IV	X98		153 2012->		1	1					1			[#1]
697	Renault	Clio V			257 2019->						1					
698	Renault	D			270 2013->								1	+		
699	Renault	Espace IV	JK		25 2003-2014										+	[#1]
700	Renault	Espace V			194 2015-2019						1					[#1]
701	Renault	Espace V			257 2020->						1		1			
702	Renault	Fluence			50 2009->											[#1]
703	Renault	Grand Modus			51 2008-2012								1	+		[#1]
704	Renault	Grand Scenic II			194 2016->						1					
705	Renault	Kadjar			194 2015->						1					[#1]
706	Renault	Kangoo II	X61		57 2008->								1	+		[#1]
707	Renault	Kangoo II	X61		210 2008->								1	+		[#1]
708	Renault	Koleos II			194 2016->						1					[#1]
709	Renault	Laguna II Facelift	G		25 2005-2007	After facelift. (FL)									+	[#1]
710	Renault	Laguna III	T		50 2007->											[#1]
711	Renault	Latitude			50 2010->											[#1]
712	Renault	Master III			210 2010-2014								1	+		[#1]
713	Renault	Master III FL			210 2014-2020								1	+		[#1]
714	Renault	Master III FL2			210 2020->								1	+		[#1]
715	Renault	Megane II			209 2002-2009										+	[#1]
716	Renault	Megane III	B95		50 2008->											[#1]
717	Renault	Megane IV			194 2015->						1					[#1]
718	Renault	Megane Generation	B95		50 2010->											[#1]
719	Renault	Megane GrandTour	B95		50 2009->											[#1]
720	Renault	Modus			51 2008-2012								1	+		[#1]
721	Renault	Scenic II			209 2004-2009										+	[#1]

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 3/11, [#4] CAN1 pins 9, [#5] CAN1 pins 1/5, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL	CAN1	CAN2	CAN3	CAN4	CAN5	CAN6	CAN7	CAN8	CAN9	CAN10	CAN11	CAN12	CAN13	CAN14	CAN15	CAN16	CAN17	CAN18	CAN19	CAN20	CAN21	CAN22	CAN23	CAN24	CAN25	CAN26	CAN27	CAN28	CAN29	CAN30	CAN31	CAN32	CAN33	CAN34	CAN35	CAN36	CAN37	CAN38	CAN39	CAN40	CAN41	CAN42	CAN43	CAN44	CAN45	CAN46	CAN47	CAN48	CAN49	CAN50	CAN51	CAN52	CAN53	CAN54	CAN55	CAN56	CAN57	CAN58	CAN59	CAN60	CAN61	CAN62	CAN63	CAN64	CAN65	CAN66	CAN67	CAN68	CAN69	CAN70	CAN71	CAN72	CAN73	CAN74	CAN75	CAN76	CAN77	CAN78	CAN79	CAN80	CAN81	CAN82	CAN83	CAN84	CAN85	CAN86	CAN87	CAN88	CAN89	CAN90	CAN91	CAN92	CAN93	CAN94	CAN95	CAN96	CAN97	CAN98	CAN99	CAN100	CAN101	CAN102	CAN103	CAN104	CAN105	CAN106	CAN107	CAN108	CAN109	CAN110	CAN111	CAN112	CAN113	CAN114	CAN115	CAN116	CAN117	CAN118	CAN119	CAN120	CAN121	CAN122	CAN123	CAN124	CAN125	CAN126	CAN127	CAN128	CAN129	CAN130	CAN131	CAN132	CAN133	CAN134	CAN135	CAN136	CAN137	CAN138	CAN139	CAN140	CAN141	CAN142	CAN143	CAN144	CAN145	CAN146	CAN147	CAN148	CAN149	CAN150	CAN151	CAN152	CAN153	CAN154	CAN155	CAN156	CAN157	CAN158	CAN159	CAN160	CAN161	CAN162	CAN163	CAN164	CAN165	CAN166	CAN167	CAN168	CAN169	CAN170	CAN171	CAN172	CAN173	CAN174	CAN175	CAN176	CAN177	CAN178	CAN179	CAN180	CAN181	CAN182	CAN183	CAN184	CAN185	CAN186	CAN187	CAN188	CAN189	CAN190	CAN191	CAN192	CAN193	CAN194	CAN195	CAN196	CAN197	CAN198	CAN199	CAN200	CAN201	CAN202	CAN203	CAN204	CAN205	CAN206	CAN207	CAN208	CAN209	CAN210	CAN211	CAN212	CAN213	CAN214	CAN215	CAN216	CAN217	CAN218	CAN219	CAN220	CAN221	CAN222	CAN223	CAN224	CAN225	CAN226	CAN227	CAN228	CAN229	CAN230	CAN231	CAN232	CAN233	CAN234	CAN235	CAN236	CAN237	CAN238	CAN239	CAN240	CAN241	CAN242	CAN243	CAN244	CAN245	CAN246	CAN247	CAN248	CAN249	CAN250	CAN251	CAN252	CAN253	CAN254	CAN255	CAN256	CAN257	CAN258	CAN259	CAN260	CAN261	CAN262	CAN263	CAN264	CAN265	CAN266	CAN267	CAN268	CAN269	CAN270	CAN271	CAN272	CAN273	CAN274	CAN275	CAN276	CAN277	CAN278	CAN279	CAN280	CAN281	CAN282	CAN283	CAN284	CAN285	CAN286	CAN287	CAN288	CAN289	CAN290	CAN291	CAN292	CAN293	CAN294	CAN295	CAN296	CAN297	CAN298	CAN299	CAN300	CAN301	CAN302	CAN303	CAN304	CAN305	CAN306	CAN307	CAN308	CAN309	CAN310	CAN311	CAN312	CAN313	CAN314	CAN315	CAN316	CAN317	CAN318	CAN319	CAN320	CAN321	CAN322	CAN323	CAN324	CAN325	CAN326	CAN327	CAN328	CAN329	CAN330	CAN331	CAN332	CAN333	CAN334	CAN335	CAN336	CAN337	CAN338	CAN339	CAN340	CAN341	CAN342	CAN343	CAN344	CAN345	CAN346	CAN347	CAN348	CAN349	CAN350	CAN351	CAN352	CAN353	CAN354	CAN355	CAN356	CAN357	CAN358	CAN359	CAN360	CAN361	CAN362	CAN363	CAN364	CAN365	CAN366	CAN367	CAN368	CAN369	CAN370	CAN371	CAN372	CAN373	CAN374	CAN375	CAN376	CAN377	CAN378	CAN379	CAN380	CAN381	CAN382	CAN383	CAN384	CAN385	CAN386	CAN387	CAN388	CAN389	CAN390	CAN391	CAN392	CAN393	CAN394	CAN395	CAN396	CAN397	CAN398	CAN399	CAN400	CAN401	CAN402	CAN403	CAN404	CAN405	CAN406	CAN407	CAN408	CAN409	CAN410	CAN411	CAN412	CAN413	CAN414	CAN415	CAN416	CAN417	CAN418	CAN419	CAN420	CAN421	CAN422	CAN423	CAN424	CAN425	CAN426	CAN427	CAN428	CAN429	CAN430	CAN431	CAN432	CAN433	CAN434	CAN435	CAN436	CAN437	CAN438	CAN439	CAN440	CAN441	CAN442	CAN443	CAN444	CAN445	CAN446	CAN447	CAN448	CAN449	CAN450	CAN451	CAN452	CAN453	CAN454	CAN455	CAN456	CAN457	CAN458	CAN459	CAN460	CAN461	CAN462	CAN463	CAN464	CAN465	CAN466	CAN467	CAN468	CAN469	CAN470	CAN471	CAN472	CAN473	CAN474	CAN475	CAN476	CAN477	CAN478	CAN479	CAN480	CAN481	CAN482	CAN483	CAN484	CAN485	CAN486	CAN487	CAN488	CAN489	CAN490	CAN491	CAN492	CAN493	CAN494	CAN495	CAN496	CAN497	CAN498	CAN499	CAN500	CAN501	CAN502	CAN503	CAN504	CAN505	CAN506	CAN507	CAN508	CAN509	CAN510	CAN511	CAN512	CAN513	CAN514	CAN515	CAN516	CAN517	CAN518	CAN519	CAN520	CAN521	CAN522	CAN523	CAN524	CAN525	CAN526	CAN527	CAN528	CAN529	CAN530	CAN531	CAN532	CAN533	CAN534	CAN535	CAN536	CAN537	CAN538	CAN539	CAN540	CAN541	CAN542	CAN543	CAN544	CAN545	CAN546	CAN547	CAN548	CAN549	CAN550	CAN551	CAN552	CAN553	CAN554	CAN555	CAN556	CAN557	CAN558	CAN559	CAN560	CAN561	CAN562	CAN563	CAN564	CAN565	CAN566	CAN567	CAN568	CAN569	CAN570	CAN571	CAN572	CAN573	CAN574	CAN575	CAN576	CAN577	CAN578	CAN579	CAN580	CAN581	CAN582	CAN583	CAN584	CAN585	CAN586	CAN587	CAN588	CAN589	CAN590	CAN591	CAN592	CAN593	CAN594	CAN595	CAN596	CAN597	CAN598	CAN599	CAN600	CAN601	CAN602	CAN603	CAN604	CAN605	CAN606	CAN607	CAN608	CAN609	CAN610	CAN611	CAN612	CAN613	CAN614	CAN615	CAN616	CAN617	CAN618	CAN619	CAN620	CAN621	CAN622	CAN623	CAN624	CAN625	CAN626	CAN627	CAN628	CAN629	CAN630	CAN631	CAN632	CAN633	CAN634	CAN635	CAN636	CAN637	CAN638	CAN639	CAN640	CAN641	CAN642	CAN643	CAN644	CAN645	CAN646	CAN647	CAN648	CAN649	CAN650	CAN651	CAN652	CAN653	CAN654	CAN655	CAN656	CAN657	CAN658	CAN659	CAN660	CAN661	CAN662	CAN663	CAN664	CAN665	CAN666	CAN667	CAN668	CAN669	CAN670	CAN671	CAN672	CAN673	CAN674	CAN675	CAN676	CAN677	CAN678	CAN679	CAN680	CAN681	CAN682	CAN683	CAN684	CAN685	CAN686	CAN687	CAN688	CAN689	CAN690	CAN691	CAN692	CAN693	CAN694	CAN695	CAN696	CAN697	CAN698	CAN699	CAN700	CAN701	CAN702	CAN703	CAN704	CAN705	CAN706	CAN707	CAN708	CAN709	CAN710	CAN711	CAN712	CAN713	CAN714	CAN715	CAN716	CAN717	CAN718	CAN719	CAN720	CAN721	CAN722	CAN723	CAN724	CAN725	CAN726	CAN727	CAN728	CAN729	CAN730	CAN731	CAN732	CAN733	CAN734	CAN735	CAN736	CAN737	CAN738	CAN739	CAN740	CAN741	CAN742	CAN743	CAN744	CAN745	CAN746	CAN747	CAN748	CAN749	CAN750	CAN751	CAN752	CAN753	CAN754	CAN755	CAN756	CAN757	CAN758	CAN759	CAN760	CAN761	CAN762	CAN763	CAN764	CAN765	CAN766	CAN767	CAN768	CAN769	CAN770	CAN771	CAN772	CAN773	CAN774	CAN775	CAN776	CAN777	CAN778	CAN779	CAN780	CAN781	CAN782	CAN783	CAN784	CAN785	CAN786	CAN787	CAN788	CAN789	CAN790	CAN791	CAN792	CAN793	CAN794	CAN795	CAN796	CAN797	CAN798	CAN799	CAN800	CAN801	CAN802	CAN803	CAN804	CAN805	CAN806	CAN807	CAN808	CAN809	CAN810	CAN811	CAN812	CAN813	CAN814	CAN815	CAN816	CAN817	CAN818	CAN819	CAN820	CAN821	CAN822	CAN823	CAN824	CAN825	CAN826	CAN827	CAN828	CAN829	CAN830	CAN831	CAN832	CAN833	CAN834	CAN835	CAN836	CAN837	CAN838	CAN839	CAN840	CAN841	CAN842	CAN843	CAN844	CAN845	CAN846	CAN847	CAN848	CAN849	CAN850	CAN851	CAN852	CAN853	CAN854	CAN855	CAN856	CAN857	CAN858	CAN859	CAN860	CAN861	CAN862	CAN863	CAN864	CAN865	CAN866	CAN867	CAN868	CAN869	CAN870	CAN871	CAN872	CAN873	CAN874	CAN875	CAN876	CAN877	CAN878	CAN879	CAN880	CAN881	CAN882	CAN883	CAN884	CAN885	CAN886	CAN887	CAN888	CAN889	CAN890	CAN891	CAN892	CAN893	CAN894	CAN895	CAN896	CAN897	CAN898	CAN899	CAN900	CAN901	CAN902	CAN903	CAN904	CAN905	CAN906	CAN907	CAN908	CAN909	CAN910	CAN911	CAN912	CAN913	CAN914	CAN915	CAN916	CAN917	CAN918	CAN919	CAN920	CAN921	CAN922	CAN923	CAN924	CAN925	CAN926	CAN927	CAN928	CAN929	CAN930	CAN931	CAN932	CAN933	CAN934	CAN935	CAN936	CAN937	CAN938	CAN939	CAN940	CAN941	CAN942	CAN943	CAN944	CAN945	CAN946	CAN947	CAN948	CAN949	CAN950	CAN951	CAN952	CAN953	CAN954	CAN955	CAN956	CAN957	CAN958	CAN959	CAN960	CAN961	CAN962	CAN963	CAN964	CAN965	CAN966	CAN967	CAN968	CAN969	CAN970	CAN971	CAN972	CAN973	CAN974	CAN975	CAN976	CAN977	CAN978	CAN979	CAN980	CAN981	CAN982	CAN983	CAN984	CAN985	CAN986	CAN987	CAN988	CAN989	CAN990	CAN991	CAN992	CAN993	CAN994	CAN995	CAN996	CAN997	CAN998	CAN999	CAN1000	CAN1001	CAN1002	CAN1003	CAN1004	CAN1005	CAN1006	CAN1007	CAN1008	CAN1009	CAN1010	CAN1011	CAN1012	CAN1013	CAN1014	CAN1015	CAN1016	CAN1017	CAN1018	CAN1019	CAN1020	CAN1021	CAN1022	CAN1023	CAN1024	CAN1025	CAN1026	CAN1027	CAN1028	CAN1029	CAN1030	CAN1031	CAN1032	CAN1033	CAN1034	CAN1035	CAN1036	CAN1037	CAN1038	CAN1039	CAN1040	CAN1041	CAN1042	CAN1043	CAN1044	CAN1045	CAN1046	CAN1047	CAN1048	CAN1049	CAN1050	CAN1051	CAN1052	CAN1053	CAN1054	CAN1055	CAN1056	CAN1057	CAN1058	CAN1059	CAN1060	CAN1061	CAN1062	CAN1063	CAN1064	CAN1065	CAN1066	CAN1067	CAN1068	CAN1069	CAN1070	CAN1071	CAN1072	CAN1073	CAN1074	CAN1075	CAN1076	CAN1077	CAN1078	CAN1079	CAN1080	CAN1081	CAN1082	CAN1083	CAN1084	CAN1085	CAN1086	CAN1087	CAN1088	CAN1089	CAN1090	CAN1091	CAN1092	CAN1093	CAN1094	CAN1095	CAN1096	CAN1097	CAN1098	CAN1099	CAN1100	CAN1101	CAN1102	CAN1103	CAN1104	CAN1105	CAN1106	CAN1107	CAN1108	CAN1109	CAN1110	CAN1111	CAN1112	CAN1113	CAN1114	CAN1115	CAN1116	CAN1117	CAN1118	CAN1119	CAN1120	CAN1121	CAN1122	CAN1123	CAN1124	CAN1125	CAN1126	CAN1127	CAN1128	CAN1129	CAN1130	CAN1131	CAN1132	CAN1133	CAN1134	CAN1135	CAN1136	CAN1137	CAN1138	CAN1139	CAN1140	CAN1141	CAN1142	CAN1143	CAN1144	CAN1145	CAN1146	CAN1147	CAN1148	CAN1149	CAN1150	CAN1151	CAN1152	CAN1153	CAN1154	CAN1155	CAN1156	CAN1157	CAN1158	CAN1159	CAN1160	CAN1161	CAN1162	CAN1163	CAN1164	CAN1165	CAN1166	CAN1167	CAN1168	CAN1169	CAN1170	CAN1171	CAN1172	CAN1173	CAN1174	CAN1175	CAN1176	CAN1177	CAN1178	CAN1179	CAN1180	CAN1181	CAN1182	CAN1183	CAN1184	CAN1185	CAN1186	CAN1187	CAN1188	CAN1189	CAN1190	CAN1191	CAN1192	CAN1193	CAN1194	CAN1195	CAN1196	CAN1197	CAN1198	CAN1199	CAN1200	CAN1201	CAN1202	CAN1203	CAN1204	CAN1205	CAN1206	CAN1207	CAN1208	CAN1209	CAN1210	CAN1211	CAN1212	CAN1213	CAN1214	CAN1215	CAN1216	CAN1217	CAN1218	CAN1219	CAN1220	CAN1221	CAN1222	CAN1223	CAN1224	CAN1225	CAN1226	CAN1227	CAN1228	CAN1229	CAN1230	CAN1231	CAN1232	CAN1233	CAN1234	CAN1235	CAN1236	CAN1237	CAN1238	CAN1239	CAN1240	CAN1241	CAN1242	CAN1243	CAN1244	CAN1245	CAN1246	CAN1247	CAN1248	CAN1249	CAN1250	CAN1251	CAN1252	CAN1253	CAN1254	CAN1255	CAN1256	CAN1257	CAN1258	CAN1259	CAN1260	CAN1261	CAN1262	CAN1263	CAN1264	CAN1265	CAN1266	CAN1267	CAN1268	CAN1269	CAN1270	CAN1271	CAN1272	CAN1273	CAN1274	CAN1275	CAN1276	CAN1277	CAN1278	CAN1279	CAN1280	CAN1281	CAN1282	CAN1283	CAN1284	CAN1285	CAN1286	CAN1287	CAN1288	CAN1289	CAN1290	CAN1291	CAN1292	CAN1293	CAN1294	CAN1295	CAN1296	CAN1297	CAN1298	CAN1299	CAN1300	CAN1301	CAN1302	CAN1303	CAN1304	CAN1305	CAN1306	CAN1307	CAN1308	CAN1309	CAN1310	CAN1311	CAN1312	CAN1313	CAN1314	CAN1315	CAN1316	CAN1317	CAN1318	CAN1319	CAN1320	CAN1321	CAN1322	CAN1323	CAN1324	CAN1325	CAN1326	CAN1327	CAN1328	CAN
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LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL	CAN1 pin 9	CAN2 pin 6/14	CAN3 pin 3/11	CAN4 pin 1/15	CAN5 pin 16/17	CAN6 pin 18/19	CAN7 pin 20/21	CAN8 pin 22/23	CAN9 pin 24/25	CAN10 pin 26/27	CAN11 pin 28/29	CAN12 pin 30/31	CAN13 pin 32/33	CAN14 pin 34/35	CAN15 pin 36/37	CAN16 pin 38/39	CAN17 pin 40/41	CAN18 pin 42/43	CAN19 pin 44/45	CAN20 pin 46/47	CAN21 pin 48/49	CAN22 pin 50/51	CAN23 pin 52/53	CAN24 pin 54/55	CAN25 pin 56/57	CAN26 pin 58/59	CAN27 pin 60/61	CAN28 pin 62/63	CAN29 pin 64/65	CAN30 pin 66/67	CAN31 pin 68/69	CAN32 pin 70/71	CAN33 pin 72/73	CAN34 pin 74/75	CAN35 pin 76/77	CAN36 pin 78/79	CAN37 pin 80/81	CAN38 pin 82/83	CAN39 pin 84/85	CAN40 pin 86/87	CAN41 pin 88/89	CAN42 pin 90/91	CAN43 pin 92/93	CAN44 pin 94/95	CAN45 pin 96/97	CAN46 pin 98/99	CAN47 pin 100/101	CAN48 pin 102/103	CAN49 pin 104/105	CAN50 pin 106/107	CAN51 pin 108/109	CAN52 pin 110/111	CAN53 pin 112/113	CAN54 pin 114/115	CAN55 pin 116/117	CAN56 pin 118/119	CAN57 pin 120/121	CAN58 pin 122/123	CAN59 pin 124/125	CAN60 pin 126/127	CAN61 pin 128/129	CAN62 pin 130/131	CAN63 pin 132/133	CAN64 pin 134/135	CAN65 pin 136/137	CAN66 pin 138/139	CAN67 pin 140/141	CAN68 pin 142/143	CAN69 pin 144/145	CAN70 pin 146/147	CAN71 pin 148/149	CAN72 pin 150/151	CAN73 pin 152/153	CAN74 pin 154/155	CAN75 pin 156/157	CAN76 pin 158/159	CAN77 pin 160/161	CAN78 pin 162/163	CAN79 pin 164/165	CAN80 pin 166/167	CAN81 pin 168/169	CAN82 pin 170/171	CAN83 pin 172/173	CAN84 pin 174/175	CAN85 pin 176/177	CAN86 pin 178/179	CAN87 pin 180/181	CAN88 pin 182/183	CAN89 pin 184/185	CAN90 pin 186/187	CAN91 pin 188/189	CAN92 pin 190/191	CAN93 pin 192/193	CAN94 pin 194/195	CAN95 pin 196/197	CAN96 pin 198/199	CAN97 pin 200/201	CAN98 pin 202/203	CAN99 pin 204/205	CAN100 pin 206/207	CAN101 pin 208/209	CAN102 pin 210/211	CAN103 pin 212/213	CAN104 pin 214/215	CAN105 pin 216/217	CAN106 pin 218/219	CAN107 pin 220/221	CAN108 pin 222/223	CAN109 pin 224/225	CAN110 pin 226/227	CAN111 pin 228/229	CAN112 pin 230/231	CAN113 pin 232/233	CAN114 pin 234/235	CAN115 pin 236/237	CAN116 pin 238/239	CAN117 pin 240/241	CAN118 pin 242/243	CAN119 pin 244/245	CAN120 pin 246/247	CAN121 pin 248/249	CAN122 pin 250/251	CAN123 pin 252/253	CAN124 pin 254/255	CAN125 pin 256/257	CAN126 pin 258/259	CAN127 pin 260/261	CAN128 pin 262/263	CAN129 pin 264/265	CAN130 pin 266/267	CAN131 pin 268/269	CAN132 pin 270/271	CAN133 pin 272/273	CAN134 pin 274/275	CAN135 pin 276/277	CAN136 pin 278/279	CAN137 pin 280/281	CAN138 pin 282/283	CAN139 pin 284/285	CAN140 pin 286/287	CAN141 pin 288/289	CAN142 pin 290/291	CAN143 pin 292/293	CAN144 pin 294/295	CAN145 pin 296/297	CAN146 pin 298/299	CAN147 pin 300/301	CAN148 pin 302/303	CAN149 pin 304/305	CAN150 pin 306/307	CAN151 pin 308/309	CAN152 pin 310/311	CAN153 pin 312/313	CAN154 pin 314/315	CAN155 pin 316/317	CAN156 pin 318/319	CAN157 pin 320/321	CAN158 pin 322/323	CAN159 pin 324/325	CAN160 pin 326/327	CAN161 pin 328/329	CAN162 pin 330/331	CAN163 pin 332/333	CAN164 pin 334/335	CAN165 pin 336/337	CAN166 pin 338/339	CAN167 pin 340/341	CAN168 pin 342/343	CAN169 pin 344/345	CAN170 pin 346/347	CAN171 pin 348/349	CAN172 pin 350/351	CAN173 pin 352/353	CAN174 pin 354/355	CAN175 pin 356/357	CAN176 pin 358/359	CAN177 pin 360/361	CAN178 pin 362/363	CAN179 pin 364/365	CAN180 pin 366/367	CAN181 pin 368/369	CAN182 pin 370/371	CAN183 pin 372/373	CAN184 pin 374/375	CAN185 pin 376/377	CAN186 pin 378/379	CAN187 pin 380/381	CAN188 pin 382/383	CAN189 pin 384/385	CAN190 pin 386/387	CAN191 pin 388/389	CAN192 pin 390/391	CAN193 pin 392/393	CAN194 pin 394/395	CAN195 pin 396/397	CAN196 pin 398/399	CAN197 pin 400/401	CAN198 pin 402/403	CAN199 pin 404/405	CAN200 pin 406/407	CAN201 pin 408/409	CAN202 pin 410/411	CAN203 pin 412/413	CAN204 pin 414/415	CAN205 pin 416/417	CAN206 pin 418/419	CAN207 pin 420/421	CAN208 pin 422/423	CAN209 pin 424/425	CAN210 pin 426/427	CAN211 pin 428/429	CAN212 pin 430/431	CAN213 pin 432/433	CAN214 pin 434/435	CAN215 pin 436/437	CAN216 pin 438/439	CAN217 pin 440/441	CAN218 pin 442/443	CAN219 pin 444/445	CAN220 pin 446/447	CAN221 pin 448/449	CAN222 pin 450/451	CAN223 pin 452/453	CAN224 pin 454/455	CAN225 pin 456/457	CAN226 pin 458/459	CAN227 pin 460/461	CAN228 pin 462/463	CAN229 pin 464/465	CAN230 pin 466/467	CAN231 pin 468/469	CAN232 pin 470/471	CAN233 pin 472/473	CAN234 pin 474/475	CAN235 pin 476/477	CAN236 pin 478/479	CAN237 pin 480/481	CAN238 pin 482/483	CAN239 pin 484/485	CAN240 pin 486/487	CAN241 pin 488/489	CAN242 pin 490/491	CAN243 pin 492/493	CAN244 pin 494/495	CAN245 pin 496/497	CAN246 pin 498/499	CAN247 pin 500/501	CAN248 pin 502/503	CAN249 pin 504/505	CAN250 pin 506/507	CAN251 pin 508/509	CAN252 pin 510/511	CAN253 pin 512/513	CAN254 pin 514/515	CAN255 pin 516/517	CAN256 pin 518/519	CAN257 pin 520/521	CAN258 pin 522/523	CAN259 pin 524/525	CAN260 pin 526/527	CAN261 pin 528/529	CAN262 pin 530/531	CAN263 pin 532/533	CAN264 pin 534/535	CAN265 pin 536/537	CAN266 pin 538/539	CAN267 pin 540/541	CAN268 pin 542/543	CAN269 pin 544/545	CAN270 pin 546/547	CAN271 pin 548/549	CAN272 pin 550/551	CAN273 pin 552/553	CAN274 pin 554/555	CAN275 pin 556/557	CAN276 pin 558/559	CAN277 pin 560/561	CAN278 pin 562/563	CAN279 pin 564/565	CAN280 pin 566/567	CAN281 pin 568/569	CAN282 pin 570/571	CAN283 pin 572/573	CAN284 pin 574/575	CAN285 pin 576/577	CAN286 pin 578/579	CAN287 pin 580/581	CAN288 pin 582/583	CAN289 pin 584/585	CAN290 pin 586/587	CAN291 pin 588/589	CAN292 pin 590/591	CAN293 pin 592/593	CAN294 pin 594/595	CAN295 pin 596/597	CAN296 pin 598/599	CAN297 pin 600/601	CAN298 pin 602/603	CAN299 pin 604/605	CAN300 pin 606/607	CAN301 pin 608/609	CAN302 pin 610/611	CAN303 pin 612/613	CAN304 pin 614/615	CAN305 pin 616/617	CAN306 pin 618/619	CAN307 pin 620/621	CAN308 pin 622/623	CAN309 pin 624/625	CAN310 pin 626/627	CAN311 pin 628/629	CAN312 pin 630/631	CAN313 pin 632/633	CAN314 pin 634/635	CAN315 pin 636/637	CAN316 pin 638/639	CAN317 pin 640/641	CAN318 pin 642/643	CAN319 pin 644/645	CAN320 pin 646/647	CAN321 pin 648/649	CAN322 pin 650/651	CAN323 pin 652/653	CAN324 pin 654/655	CAN325 pin 656/657	CAN326 pin 658/659	CAN327 pin 660/661	CAN328 pin 662/663	CAN329 pin 664/665	CAN330 pin 666/667	CAN331 pin 668/669	CAN332 pin 670/671	CAN333 pin 672/673	CAN334 pin 674/675	CAN335 pin 676/677	CAN336 pin 678/679	CAN337 pin 680/681	CAN338 pin 682/683	CAN339 pin 684/685	CAN340 pin 686/687	CAN341 pin 688/689	CAN342 pin 690/691	CAN343 pin 692/693	CAN344 pin 694/695	CAN345 pin 696/697	CAN346 pin 698/699	CAN347 pin 700/701	CAN348 pin 702/703	CAN349 pin 704/705	CAN350 pin 706/707	CAN351 pin 708/709	CAN352 pin 710/711	CAN353 pin 712/713	CAN354 pin 714/715	CAN355 pin 716/717	CAN356 pin 718/719	CAN357 pin 720/721	CAN358 pin 722/723	CAN359 pin 724/725	CAN360 pin 726/727	CAN361 pin 728/729	CAN362 pin 730/731	CAN363 pin 732/733	CAN364 pin 734/735	CAN365 pin 736/737	CAN366 pin 738/739	CAN367 pin 740/741	CAN368 pin 742/743	CAN369 pin 744/745	CAN370 pin 746/747	CAN371 pin 748/749	CAN372 pin 750/751	CAN373 pin 752/753	CAN374 pin 754/755	CAN375 pin 756/757	CAN376 pin 758/759	CAN377 pin 760/761	CAN378 pin 762/763	CAN379 pin 764/765	CAN380 pin 766/767	CAN381 pin 768/769	CAN382 pin 770/771	CAN383 pin 772/773	CAN384 pin 774/775	CAN385 pin 776/777	CAN386 pin 778/779	CAN387 pin 780/781	CAN388 pin 782/783	CAN389 pin 784/785	CAN390 pin 786/787	CAN391 pin 788/789	CAN392 pin 790/791	CAN393 pin 792/793	CAN394 pin 794/795	CAN395 pin 796/797	CAN396 pin 798/799	CAN397 pin 800/801	CAN398 pin 802/803	CAN399 pin 804/805	CAN400 pin 806/807	CAN401 pin 808/809	CAN402 pin 810/811	CAN403 pin 812/813	CAN404 pin 814/815	CAN405 pin 816/817	CAN406 pin 818/819	CAN407 pin 820/821	CAN408 pin 822/823	CAN409 pin 824/825	CAN410 pin 826/827	CAN411 pin 828/829	CAN412 pin 830/831	CAN413 pin 832/833	CAN414 pin 834/835	CAN415 pin 836/837	CAN416 pin 838/839	CAN417 pin 840/841	CAN418 pin 842/843	CAN419 pin 844/845	CAN420 pin 846/847	CAN421 pin 848/849	CAN422 pin 850/851	CAN423 pin 852/853	CAN424 pin 854/855	CAN425 pin 856/857	CAN426 pin 858/859	CAN427 pin 860/861	CAN428 pin 862/863	CAN429 pin 864/865	CAN430 pin 866/867	CAN431 pin 868/869	CAN432 pin 870/871	CAN433 pin 872/873	CAN434 pin 874/875	CAN435 pin 876/877	CAN436 pin 878/879	CAN437 pin 880/881	CAN438 pin 882/883	CAN439 pin 884/885	CAN440 pin 886/887	CAN441 pin 888/889	CAN442 pin 890/891	CAN443 pin 892/893	CAN444 pin 894/895	CAN445 pin 896/897	CAN446 pin 898/899	CAN447 pin 900/901	CAN448 pin 902/903	CAN449 pin 904/905	CAN450 pin 906/907	CAN451 pin 908/909	CAN452 pin 910/911	CAN453 pin 912/913	CAN454 pin 914/915	CAN455 pin 916/917	CAN456 pin 918/919	CAN457 pin 920/921	CAN458 pin 922/923	CAN459 pin 924/925	CAN460 pin 926/927	CAN461 pin 928/929	CAN462 pin 930/931	CAN463 pin 932/933	CAN464 pin 934/935	CAN465 pin 936/937	CAN466 pin 938/939	CAN467 pin 940/941	CAN468 pin 942/943	CAN469 pin 944/945	CAN470 pin 946/947	CAN471 pin 948/949	CAN472 pin 950/951	CAN473 pin 952/953	CAN474 pin 954/955	CAN475 pin 956/957	CAN476 pin 958/959	CAN477 pin 960/961	CAN478 pin 962/963	CAN479 pin 964/965	CAN480 pin 966/967	CAN481 pin 968/969	CAN482 pin 970/971	CAN483 pin 972/973	CAN484 pin 974/975	CAN485 pin 976/977	CAN486 pin 978/979	CAN487 pin 980/981	CAN488 pin 982/983	CAN489 pin 984/985	CAN490 pin 986/987	CAN491 pin 988/989	CAN492 pin 990/991	CAN493 pin 992/993	CAN494 pin 994/995	CAN495 pin 996/997	CAN496 pin 998/999	CAN497 pin 1000/1001	CAN498 pin 1002/1003	CAN499 pin 1004/1005	CAN500 pin 1006/1007	CAN501 pin 1008/1009	CAN502 pin 1010/1011	CAN503 pin 1012/1013	CAN504 pin 1014/1015	CAN505 pin 1016/1017	CAN506 pin 1018/1019	CAN507 pin 1020/1021	CAN508 pin 1022/1023	CAN509 pin 1024/1025	CAN510 pin 1026/1027	CAN511 pin 1028/1029	CAN512 pin 1030/1031	CAN513 pin 1032/1033	CAN514 pin 1034/1035	CAN515 pin 1036/1037	CAN516 pin 1038/1039	CAN517 pin 1040/1041	CAN518 pin 1042/1043	CAN519 pin 1044/1045	CAN520 pin 1046/1047	CAN521 pin 1048/1049	CAN522 pin 1050/1051	CAN523 pin 1052/1053	CAN524 pin 1054/1055	CAN525 pin 1056/1057	CAN526 pin 1058/1059	CAN527 pin 1060/1061	CAN528 pin 1062/1063	CAN529 pin 1064/1065	CAN530 pin 1066/1067	CAN531 pin 1068/1069	CAN532 pin 1070/1071	CAN533 pin 1072/1073	CAN534 pin 1074/1075	CAN535 pin 1076/1077	CAN536 pin 1078/1079	CAN537 pin 1080/1081	CAN538 pin 1082/1083	CAN539 pin 1084/1085	CAN540 pin 1086/1087	CAN541 pin 1088/1089	CAN542 pin 1090/1091	CAN543 pin 1092/1093	CAN544 pin 1094/1095	CAN545 pin 1096/1097	CAN546 pin 1098/1099	CAN547 pin 1100/1101	CAN548 pin 1102/1103	CAN549 pin 1104/1105	CAN550 pin 1106/1107	CAN551 pin 1108/1109	CAN552 pin 1110/1111	CAN553 pin 1112/1113	CAN554 pin 1114/1115	CAN555 pin 1116/1117	CAN556 pin 1118/1119	CAN557 pin 1120/1121	CAN558 pin 1122/1123	CAN559 pin 1124/1125	CAN560 pin 1126/1127	CAN561 pin 1128/1129	CAN562 pin 1130/1131	CAN563 pin 1132/1133	CAN564 pin 1134/1135	CAN565 pin 1136/1137	CAN566 pin 1138/1139	CAN567 pin 1140/1141	CAN568 pin 1142/1143	CAN569 pin 1144/1145	CAN570 pin 1146/1147	CAN571 pin 1148/1149	CAN572 pin 1150/1151	CAN573 pin 1152/1153	CAN574 pin 1154/1155	CAN575 pin 1156/1157	CAN576 pin 1158/1159	CAN577 pin 1160/1161	CAN578 pin 1162/1163	CAN579 pin 1164/1165	CAN580 pin 1166/1167	CAN581 pin 1168/1169	CAN582 pin 1170/1171	CAN583 pin 1172/1173	CAN584 pin 1174/1175	CAN585 pin 1176/1177	CAN586 pin 1178/1179	CAN587 pin 1180/1181	CAN588 pin 1182/1183	CAN589 pin 1184/1185	CAN590 pin 1186/1187	CAN591 pin 1188/1189	CAN592 pin 1190/1191	CAN593 pin 1192/1193	CAN594 pin 1194/1195	CAN595 pin 1196/1197	CAN596 pin 1198/1199	CAN597 pin 1200/1201	CAN598 pin 1202/1203	CAN599 pin 1204/1205	CAN600 pin 1206/1207	CAN601 pin 1208/1209	CAN602 pin 1210/1211	CAN603 pin 1212/1213	CAN604 pin 1214/1215	CAN605 pin 1216/1217	CAN606 pin 1218/1219	CAN607 pin 1220/1221	CAN608 pin 1222/1223
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LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0472**

factory default - parameter 1 - level 3 509

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN L	TRUN K	HAZ	POWER	B O	OE	REV	CAN ALAR	CAN **	CO
928	Volkswagen	New Beetle	1C/1Y/9C	1	1997-2001											
929	Volkswagen	New Beetle	1C/1Y/9C	2	2001-2011	If no CAN in comfort module use level 238	1	1		1	1					
930	Volkswagen	New Beetle	1C/1Y/9C	238	2001-2011										+	
931	Volkswagen	Passat B5	3B	1	1996-2000											
932	Volkswagen	Passat B5GP	3B	2	2000-2005		1	1		1	1					
933	Volkswagen	Passat B6	3C	3	2005-2009		1	1	1	1	1	1	1			
934	Volkswagen	Passat B6	3C	3	2008-2010		1	1		1	1	1	1			
935	Volkswagen	Passat B6	3C	129	2005-2009	Door lock control w/o dead lock	1	1	1	1	1	1	1			
936	Volkswagen	Passat B6	3C	129	2008-2010	Door lock control w/o dead lock	1	1		1	1	1	1			
937	Volkswagen	Passat B7	3C	3	2010-2015		1	1		1	1	1	1			
938	Volkswagen	Passat B8	B8	214	2015->		1				1	1	1			1
939	Volkswagen	Passat B8	B8	214	2020->		1				1	1	1			1
940	Volkswagen	Passat CC	3C	3	2008->		1	1		1	1	1	1			
941	Volkswagen	Polo	9N	4	2001-2005		1	1	1	1	1	1	1			
942	Volkswagen	Polo	9N3	4	2005-2009	After facelift. (FL)			1		1	1				
943	Volkswagen	Polo	6R	73	2009-2014						1	1	1			
944	Volkswagen	Polo	6C	154	2014-2018		1				1	1	1			
945	Volkswagen	Polo	AW	214	2018->		1				1	1	1			
946	Volkswagen	Scirocco	13	3	2008->		1	1		1	1	1	1			
947	Volkswagen	Sharan	7N	3	2010->		1	1		1	1	1	1			
948	Volkswagen	Phaeton	3D	20	2002->	If the doors are not detected set parameter 77	1	1	1	1	1	1				
949	Volkswagen	Phaeton	3D	77	2002->		1	1	1	1	1	1				
950	Volkswagen	T-Cross		214	2018->		1				1	1				
951	Volkswagen	T-Roc		214	2017->		1				1	1				
952	Volkswagen	Touareg	7L	20	2002-2010	If the doors are not detected set parameter 77	1	1	1	1	1	1				
953	Volkswagen	Touareg	7L	77	2002-2010		1	1	1	1	1	1				
954	Volkswagen	Touareg	7P5	104	2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1				
955	Volkswagen	Touareg	7P5	106	2010->	Keyless trunk unlocks all doors	1	1			1	1				
956	Volkswagen	Touareg		214	2016->		1				1	1				1
957	Volkswagen	Tiguan	5N	3	2007-2009		1	1	1	1	1	1	1			
958	Volkswagen	Tiguan	5N	3	2008-2011		1	1		1	1	1	1			
959	Volkswagen	Tiguan	5N	3	2011-2016		1	1		1	1	1	1			
960	Volkswagen	Tiguan		214	2016->		1				1	1				1
961	Volkswagen	Tiguan Allspace		214	2017->		1				1	1				
962	Volkswagen	Touran	1T	3	2003-2006		1	1	1	1	1	1	1			
963	Volkswagen	Touran (GP)	1T	3	2006-2010		1	1	1	1	1	1	1			
964	Volkswagen	Touran (GP2)	1T	3	2010->		1	1		1	1	1	1			
965	Volkswagen	Touran	5T	214	2015->		1				1	1	1			
966	Volkswagen	Transporter	T5	4	2003-2010		1	1	1	1	1	1				
967	Volkswagen	Transporter	T5GP	73	2010-2014						1	1	1			
968	Volkswagen	Transporter	T6	73	2014->						1	1	1			
969	Volkswagen	Transporter	T6.1	221	2019->						1	1				
970	Volkswagen	Up		73	2011->						1	1	1			
971	Volkswagen	Vento	6C	154	2014->		1				1	1	1			
972	Volvo	C30		157	2006-2012	If does not work use other Volvo levels										
973	Volvo	FL Euro6		197	2013->	Limited functionality - check documentation										
974	Volvo	FM Euro6		197	2013->	Limited functionality - check documentation										
975	Volvo	FH Euro6		197	2013->	Limited functionality - check documentation										
976	Volvo	FH13 Euro6		197	2013->	Limited functionality - check documentation										
977	Volvo	FL		270	2013->									1	+	
978	Volvo	S40	M	26	2004-2012	If does not work use other Volvo levels									+	
979	Volvo	S60	P24	76	2000-2004	If does not work use other Volvo levels										
980	Volvo	S60	P24	38	2004-2009	If does not work use other Volvo levels										
981	Volvo	S60	P24	21	2004-2009	If does not work use other Volvo levels										
982	Volvo	S60	Y20	155	2010-2018	If does not work use other Volvo levels	1				1	1				
983	Volvo	S60	Y20	156	2010-2018	If does not work use other Volvo levels					1	1	1			
984	Volvo	S60		230	2018->						1	1	1			1
985	Volvo	S80	TS	24	2001-2005	If does not work use other Volvo levels	1	1								
986	Volvo	S80	TS	35	2001-2005	If does not work use other Volvo levels										
987	Volvo	S80	TS	21	2005-2009	If does not work use other Volvo levels										
988	Volvo	S80	AS	90	2009-2012	If does not work use other Volvo levels	1				1	1				
989	Volvo	S80 Facelift	AS	156	2012->	If does not work use other Volvo levels					1	1	1			
990	Volvo	S90		230	2016->						1	1	1			1
991	Volvo	V40		185	2012->		1									
992	Volvo	V50	M	26	2004-2007	If does not work use other Volvo levels									+	
993	Volvo	V50	M	157	2007-2012	If does not work use other Volvo levels									+	
994	Volvo	V60		155	2010-2018	If does not work use other Volvo levels	1				1	1				
995	Volvo	V60		230	2018->						1	1	1			1
996	Volvo	V70	P26	56	2000-2004	If does not work use other Volvo levels										
997	Volvo	V70	24	21	2005-2007	If does not work use other Volvo levels	1				1	1				
998	Volvo	V70	24	35	2005-2007	If does not work use other Volvo levels	1				1	1				
999	Volvo	V70	24	38	2005-2007	If does not work use other Volvo levels	1				1	1				
1000	Volvo	V70	24	90	2007-2013	If does not work use other Volvo levels	1				1	1				
1001	Volvo	V70		156	2013->	If does not work use other Volvo levels					1	1	1			
1002	Volvo	V90		230	2016->						1	1	1			1
1003	Volvo	XC40		230	2018->						1	1	1			1
1004	Volvo	XC60	Y20	90	2008-2013	If does not work use other Volvo levels	1				1	1				
1005	Volvo	XC60	Y20	155	2013-2017	If does not work use other Volvo levels	1				1					
1006	Volvo	XC60	Y20	156	2013-2017	If does not work use other Volvo levels					1	1	1			
1007	Volvo	XC60	SPA	230	2017->						1	1	1			1
1008	Volvo	XC70	P2	24	2000-2004	If does not work use other Volvo levels										
1009	Volvo	XC70	P2	35	2000-2004	If does not work use other Volvo levels										
1010	Volvo	XC70	P2	21	2004-2007	If does not work use other Volvo levels										
1011	Volvo	XC70	P2	35	2004-2007	If does not work use other Volvo levels										
1012	Volvo	XC70	P24	90	2007-2013	If does not work use other Volvo levels	1				1	1				
1013	Volvo	XC70		156	2013-2016	If does not work use other Volvo levels					1	1	1			
1014	Volvo	XC90	C	34	2002-2005	If does not work use other Volvo levels	1	1								
1015	Volvo	XC90	C	35	2002-2005	If does not work use other Volvo levels	1	1								
1016	Volvo	XC90	C	56	2002-2005	If does not work use other Volvo levels	1	1								
1017	Volvo	XC90	C	21	2005-2007	If does not work use other Volvo levels	1	1								
1018	Volvo	XC90	C	90	2007-2012	If does not work use other Volvo levels	1				1	1				
1019	Volvo	XC90	C	155	2012-2013		1				1					
1020	Volvo	XC90		230	2015->						1	1	1			1

* Coded pulse via dedicated wire

** OBD connection: [F1] CAN1 pins 6/14, [F2] CAN2 pins 6/14, [F3] CAN1 pins 3/11, CAN2 pins 6/14, [F4] CAN1 only CAN-H pin 9, [F5] CAN1 pins 1/9, [F6] CAN1 pins 6/14 may not work in cars manufactured after 2015