

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
----	-------	-------	------	--------------	------	------	-----------------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	-----

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 ARD	POWER WIN	BSI	OEM	REVER SE	CAN- ALAR	CAN- **	CAN CO
104	BMW	X4	F26	13	2014-2018		1	1	1	1	1	1				
105	BMW	X4	G02	211	2018->		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				
108	BMW	X5	G05	211	2019->		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				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	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		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		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	Aege														

* 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->						1	1				6
345	Jaguar	F-Type	X152	203	2013->						1	1				
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	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						1	1			[#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	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
----	-------	-------	------	--------------	------	------	-----------------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	-----

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	CAN-BUS IN OBD CONNECTOR	DS002
							CENTRAL DOOR LOCKING TRUNK RELEASE HAZARD LIGHTS POWER WINDOWS BONNET OEM ALARM REVERSE GEAR SIGNAL CAN-ANALOGUE ALARM FUNCTION		
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->				
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 +	[#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->				[#1]
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			1	
587	Opel	Astra	H	217	2004-2009	Cabrio with Keyless		1	
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		1 1 1	[#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		1 1 1	[#4]
592	Opel	Cascada		147	2009->	check installation diagram for proper level		1 1 1	[#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			[#1]
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			[#1]
599	Opel	Combo	E	263	2018->	check installation diagram for proper level			[#1]
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			[#1]
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			[#1]
607	Opel	Crossland X		263	2017->	check installation diagram for proper level			[#1]
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			[#1]
610	Opel	Grandland X		263	2017->	check installation diagram for proper level			[#1]
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		1	[#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	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
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	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	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				
681	Porsche	Cayenne			9PA 77 2002-2010		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				
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				
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]	
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					
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]	
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	+		
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 6/14, [#4] CAN1 only CAN-H pin 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	CAN1329
----	-------	-------	------	--------------	------	------	-----------------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

factory default - parameter 1 - level 3 509

CAN-BUS CONTROL

* Coded nurse 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

factory default - parameter 1 - level 3 509

CAN-BUS CONTROL

* Coded nurse 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