

LIST OF CARS FOR TYTAN®GPS DS512  
FIRMWARE VERSION 0453

factory default - parameter 1 - level 3 432

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL	CANALOGUE ALARM FUNCTION	** 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	** CAN-BUS IN OBD CONNECTOR	DS002
1	Acura	TSX		29	2004-2008						1					
2	Alfa Romeo	159		30	2005-2010											[#5]
3	Alfa Romeo	Brera		30	2005-2010											[#5]
4	Alfa Romeo	Giulia		188	2017->		1	1			1					[#1]
5	Alfa Romeo	Giulietta		14	2010->		1*	1*	1*				1			[#5]
6	Alfa Romeo	MiTo		14	2008->		1*	1*	1*				1			[#5]
7	Alfa Romeo	Stelvio		188	2017->		1	1			1					[#1]
8	Aston Martin	Vantage		247	2005-2011						1	1	1			
9	Audi	A1	8X	3	2010-2018		1	1		1	1	1	1	1		
10	Audi	A2	8Z	6	1999-2005		1	1			1	1	1	1		
11	Audi	A3	8P	3	2003-2008		1	1		1	1	1	1	1		
12	Audi	A3	8P	3	2008-2012		1	1		1	1	1	1	1		
13	Audi	A3	8V	154	2012->		1	1		1	1	1	1	1		
14	Audi	A4	8E	6	2000-2006		1	1	1		1	1	1	1		
15	Audi	A4	8E	6	2004-2008	After facelift. (FL)	1	1	1		1	1	1	1		
16	Audi	A4	8K	47	2008-2015		1	1	1		1	1	1	1		
17	Audi	A4	8W	214	2015->		1	1	1		1	1	1	1		
18	Audi	A5	8T	47	2007-2016		1	1	1		1	1	1	1		
19	Audi	A5	F5	214	2017->		1	1	1		1	1	1	1		
20	Audi	A6	4F	7	2004-2011		1	1	1	1	1	1	1	1		
21	Audi	A6	4G	104	2011->	Keyless trunk DO NOT unlock all doors	1	1	1		1	1	1	1		
22	Audi	A6	4G	106	2011-2018	Keyless trunk unlocks all doors	1	1	1		1	1	1	1		
23	Audi	A7	4G8	104	2010-2017	Keyless trunk DO NOT unlock all doors	1	1	1		1	1	1	1		
24	Audi	A7	4G8	106	2010-2017	Keyless trunk unlocks all doors	1	1	1		1	1	1	1		
25	Audi	A8	4E	7	2002-2009		1	1	1		1	1	1	1		
26	Audi	A8	4H	104	2009-2017	Keyless trunk DO NOT unlock all doors	1	1	1		1	1	1	1		
27	Audi	A8	4H	106	2009-2017	Keyless trunk unlocks all doors	1	1	1		1	1	1	1		
28	Audi	Q2	GA	214	2017->		1	1	1		1	1	1	1		
29	Audi	Q3	8U	3	2011->		1	1	1	1	1	1	1	1		
30	Audi	Q5	8R	47	2008-2017		1	1	1	1	1	1	1	1		
31	Audi	Q5	80A	214	2017->		1	1	1	1	1	1	1	1		
32	Audi	Q7	4L	7	2005-2015		1	1	1	1	1	1	1	1		
33	Audi	Q7	4M	214	2015->		1	1	1	1	1	1	1	1		
34	Audi	Q8	4M	214	2018->		1	1	1	1	1	1	1	1		
35	Audi	R8	42	3	2006-2015		1	1	1	1	1	1	1	1		
36	Audi	TT	8N	3	1998-2006		1	1	1	1	1	1	1	1		
37	Audi	TT	8J	3	2006-2009		1	1	1	1	1	1	1	1		
38	Audi	TT	8J	3	2008-2014		1	1	1	1	1	1	1	1		
39	Bentley	Bentayga		214	2016->		1	1	1	1	1	1	1	1		
40	BMW	1	E81	13	2007-2012		1	1	1	1	1	1	1	1		
41	BMW	1	E82	13	2007->		1	1	1	1	1	1	1	1		
42	BMW	1	E87	13	2004-2011		1	1	1	1	1	1	1	1		
43	BMW	1	E88	13	2007-2011		1	1	1	1	1	1	1	1		
44	BMW	1	F20	13	2011->		1	1	1	1	1	1	1	1		2
45	BMW	1	F21	13	2011->		1	1	1	1	1	1	1	1		2
46	BMW	2	F22	13	2013->		1	1	1	1	1	1	1	1		2
47	BMW	2	F22	174	2014->		1	1	1	1	1	1	1	1		2
48	BMW	2	F45	174	2013->		1	1	1	1	1	1	1	1		2
49	BMW	2	F46	174	2014->		1	1	1	1	1	1	1	1		2
50	BMW	3	E90	13	2005-2011		1	1	1	1	1	1	1	1		
51	BMW	3	F30	158	2012-2014		1	1	1	1	1	1	1	1		2
52	BMW	3	F30	174	2014->		1	1	1	1	1	1	1	1		2
53	BMW	3	F31	158	2012-2014		1	1	1	1	1	1	1	1		2
54	BMW	3	F31	174	2014->		1	1	1	1	1	1	1	1		2
55	BMW	3	F35	158	2012-2014		1	1	1	1	1	1	1	1		2
56	BMW	3	F35	174	2014->		1	1	1	1	1	1	1	1		2
57	BMW	3	G20	211	2019->		1	1	1	1	1	1	1	1		2
58	BMW	3 GT	F34	13	2013->		1	1	1	1	1	1	1	1		2
59	BMW	3 GT	F34	174	2014->		1	1	1	1	1	1	1	1		2
60	BMW	4	F32	174	2013->		1	1	1	1	1	1	1	1		2
61	BMW	4	F33	174	2013->		1	1	1	1	1	1	1	1		2
62	BMW	4	F36	174	2013->		1	1	1	1	1	1	1	1		2
63	BMW	5	E60	13	2003-2010		1	1	1	1	1	1	1	1		
64	BMW	5	F10	13	2010->		1	1	1	1	1	1	1	1		
65	BMW	5	F11	13	2010->		1	1	1	1	1	1	1	1		
66	BMW	5	G30	211	2017->		1	1	1	1	1	1	1	1		2
67	BMW	5	G31	211	2017->		1	1	1	1	1	1	1	1		
68	BMW	5	G38	211	2017->		1	1	1	1	1	1	1	1		
69	BMW	5 GT	F07	13	2009->		1	1	1	1	1	1	1	1		
70	BMW	6	E63	13	2003-2010		1	1	1	1	1	1	1	1		
71	BMW	6	E64	13	2003-2010		1	1	1	1	1	1	1	1		
72	BMW	6	F12	13	2011->		1	1	1	1	1	1	1	1		
73	BMW	6	F13	13	2011->		1	1	1	1	1	1	1	1		
74	BMW	6	G32	211	2017->		1	1	1	1	1	1	1	1		
75	BMW	7	E65	13	2001-2008		1	1	1	1	1	1	1	1		
76	BMW	7	E66	13	2001-2008		1	1	1	1	1	1	1	1		
77	BMW	7	E67	13	2001-2008		1	1	1	1	1	1	1	1		
78	BMW	7	E68	13	2001-2008		1	1	1	1	1	1	1	1		
79	BMW	7	F01	13	2008->		1	1	1	1	1	1	1	1		
80	BMW	7	F02	13	2008->		1	1	1	1	1	1	1	1		
81	BMW	7	F04	13	2010->		1	1	1	1	1	1	1	1		
82	BMW	7	G11	211	2015->		1	1	1	1	1	1	1	1		2
83	BMW	7	G12	211	2015->		1	1	1	1	1	1	1	1		2
84	BMW	8	G14	211	2018->		1	1	1	1	1	1	1	1		
85	BMW	8	G15	211	2018->		1	1	1	1	1	1	1	1		2
86	BMW	8	G16	211	2018->		1	1	1	1	1	1	1	1		
87	BMW	i3	I01	174	2013->		1	1	1	1	1	1	1	1		
88	BMW	i8	I12	174	2013->		1	1	1	1	1	1	1	1		
89	BMW	X1	E84	13	2009-2015		1	1	1	1	1	1	1	1		
90	BMW	X1	F48	174	2015->		1	1	1	1	1	1	1	1		2
91	BMW	X1	F49	174	2015->		1	1	1	1	1	1	1	1		
92	BMW	X2	F39	174	2018->		1	1	1	1	1	1	1	1		
93	BMW	X3	F25	13	2010->		1	1	1	1	1	1	1	1		
94	BMW	X3	G01	211	2017->		1	1	1	1	1	1	1	1		2
95	BMW	X4	F26	13	2014-2018		1	1	1	1	1	1	1	1		
96	BMW	X4	G02	211	2018->		1	1	1	1	1	1	1	1		
97	BMW	X5	E70	13	2006-2013		1	1	1	1	1	1	1	1		
98	BMW	X5	F15	174	2013->		1	1	1	1	1	1	1	1		
99	BMW	X5	G05	211	2019->		1	1	1	1	1	1	1	1		2

\* Coded pulse via dedicated wire  
\*\* OBD connection: [F1] CAN1 pins 6/14, [F2] CAN2 pins 6/14, [F3] CAN1 pins 3/11, CAN2 pins 6/14, [F4] CAN1 only CAN-H pin 9, [F5] CAN1 pins 1/9, [F6] CAN1 pins 6/14, [F7] CAN1 pins 6/14 may not work in cars manufactured after 2015

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FIRMWARE VERSION 0453

factory default - parameter 1 - level 3 432

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							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
100	BMW	X6	E71	13	2008-2014	With OEM alarm.	1	1	1	1	1	1				
101	BMW	X6	E72	13	2008-2014	With OEM alarm.	1	1	1	1	1	1				
102	BMW	X6	F16	174	2014->		1	1	1	1	1	1				
103	BMW	X7	G07	211	2018->		1	1	1	1	1	1				
104	BMW	Z4	E89	13	2009->		1	1	1	1	1	1				
105	BMW	Z4	G29	211	2018->		1	1	1	1	1	1				2
106	Chevrolet	Aveo	T300	82	2011->	check installation diagram for proper level					1	1	1			[#4]
107	Chevrolet	Aveo	T300	164	2014->	check installation diagram for proper level					1	1	1			[#4]
108	Chevrolet	Camaro	6-GEN.	164	2016->						1	1	1			[#4] 5
109	Chevrolet	Captiva		49	2006-2011						1	1	1			
110	Chevrolet	Captiva		160	2011->	Version with keyless entry OEM alarm					1	1	1			
111	Chevrolet	Cruze	J300	82	2008->	check installation diagram for proper level					1	1	1			[#4]
112	Chevrolet	Cruze	J300	147	2008-2016	check installation diagram for proper level					1	1	1			[#4]
113	Chevrolet	Cruze	J300	164	2014-2016	check installation diagram for proper level					1	1	1			[#4]
114	Chevrolet	Trax		82	2013->	check installation diagram for proper level					1	1	1			[#4]
115	Chrysler	300C		28	2005-2011		1	1		1	1	1	1			
116	Chrysler	Grand Voyager		70	2008->		1	1			1	1	1			
117	Chrysler	Pacifica		190	2017->		1	1			1	1	1			
118	Chrysler	PTCruiser		28	2006-2010		1	1		1	1	1	1			
119	Chrysler	Town&Country		70	2008->		1	1			1	1	1			
120	Chrysler	Voyager		70	2008->		1	1			1	1	1			
121	Citroen	Berlingo II	B9	10	2008-2018	Enable OEM alarm function in BSI				1	1	1	1			
122	Citroen	Berlingo III		144	2018->	check installation diagram for proper level					1	1	1			+
123	Citroen	Berlingo III		218	2018->	check installation diagram for proper level					1	1	1			
124	Citroen	Berlingo III		226	2018->	check installation diagram for proper level					1	1	1			+
125	Citroen	Berlingo III		263	2018->	check installation diagram for proper level					1	1	1			+
126	Citroen	C2		10	2005-2010	Enable OEM alarm function in BSI			1		1	1	1			
127	Citroen	C3		10	2005-2009	Enable OEM alarm function in BSI			1		1	1	1			
128	Citroen	C3		10	2009-2016	Enable OEM alarm function in BSI			1		1	1	1			
129	Citroen	C3		144	2016->						1	1	1			+
130	Citroen	C3 Aircross		218	2017->	check installation diagram for proper level					1	1	1			
131	Citroen	C3 Aircross		226	2017->	check installation diagram for proper level					1	1	1			+
132	Citroen	C3 Aircross		263	2017->	check installation diagram for proper level					1	1	1			+
133	Citroen	C3 Picasso		10	2009-2017	Enable OEM alarm function in BSI			1		1	1	1			
134	Citroen	C4	L	10	2004-2010	Enable OEM alarm function in BSI			1		1	1	1			
135	Citroen	C4	N	10	2010-2018	Enable OEM alarm function in BSI			1		1	1	1			
136	Citroen	C4 Aircross		40	2012-2017		1	1		1	1	1	1			
137	Citroen	C4 Cactus		144	2014->						1	1	1			+
138	Citroen	C4 Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1			
139	Citroen	C4 Picasso		144	2013->	Version without Keyless Entry.					1	1	1			+
140	Citroen	C4 Picasso		165	2013->	W/keyless.enable OEM alarm function in BSI					1	1	1			+
141	Citroen	C4 Grand Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1			
142	Citroen	C4 Grand Picasso		144	2013->	Version without Keyless Entry.					1	1	1			+
143	Citroen	C4 Grand Picasso		165	2013->	W/keyless.enable OEM alarm function in BSI					1	1	1			
144	Citroen	C5		10	2005-2008	Enable OEM alarm function in BSI			1		1	1	1			
145	Citroen	C5	X7	10	2008-2017	Enable OEM alarm function in BSI			1		1	1	1			
146	Citroen	C5	X7	79	2008-2017						1	1	1			
147	Citroen	C5 Aircross		218	2018->	check installation diagram for proper level					1	1	1			
148	Citroen	C5 Aircross		226	2018->	check installation diagram for proper level					1	1	1			+
149	Citroen	C5 Aircross		263	2018->	check installation diagram for proper level					1	1	1			+
150	Citroen	C-Crosser		40	2007-2011		1	1		1	1	1	1			
151	Citroen	C-Crosser		40	2011->		1	1		1	1	1	1			
152	Citroen	C-Elysee		144	2012->						1	1	1			+
153	Citroen	DS3		10	2008-2015	Enable OEM alarm function in BSI			1		1	1	1			
154	Citroen	DS4		10	2010-2015	Enable OEM alarm function in BSI			1		1	1	1			
155	Citroen	DS5		10	2011-2015	Enable OEM alarm function in BSI			1		1	1	1			
156	Citroen	DS5		165	2011-2015	With keyless, no BSI programming			1		1	1	1			
157	Citroen	Jumper		15	2006-2011											
158	Citroen	Jumper		69	2011->		1*	1*	1*							[#1]
159	Citroen	Jumpy		55	2007->	Enable OEM alarm function in BSI			1			1	1			
160	Citroen	Jumpy		144	2017->											+
161	Citroen	Nemo		69	2007->		1*	1*	1*							[#1]
162	Citroen	Spacetourer		144	2016->											+
163	Dacia	Duster		153	2010-2017		1	1								[#1]
164	Dacia	Duster II		153	2017->		1	1								[#1]
165	Dacia	Dokker		153	2012->		1	1								[#1]
166	Dacia	Lodgy		153	2012->		1	1								[#1]
167	Dacia	Logan		153	2017->		1	1								[#1]
168	Dacia	Sandero		153	2012->		1	1								[#1]
169	Dacia	Sandero		153	2017->		1	1								[#1]
170	DAF	LF Euro6		201	2013->		1	1								[#1]
171	DAF	XF Euro6		201	2013->		1	1								[#1]
172	Dodge	Avenger		28	2007->		1	1			1	1	1			
173	Dodge	Durango		28	2004-2009		1	1		1	1	1	1			
174	Dodge	Grand Caravan		70	2008->		1	1			1	1	1			
175	Dodge	Grand Caravan		70	2008->		1	1			1	1	1			
176	Dodge	Journey		130	2011->		1	1								[#3]
177	Dodge	Neon		202	2016->											
178	Dodge	Nitro		70	2006-2012		1	1			1	1	1			
179	Dodge	Ram		70	2009-2012		1	1			1	1	1			
180	Dodge	Ram		190	2012-2018						1	1	1			
181	DS Automobiles	DS3		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
182	DS Automobiles	DS4		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
183	DS Automobiles	DS5		10	2015->	Enable OEM alarm function in BSI			1		1	1	1			
184	DS Automobiles	DS5		165	2015->	With keyless, no BSI programming			1		1	1	1			
185	DS Automobiles	DS7 Crossback		218	2018->	Version with Keyless Entry.					1	1	1			1
186	Fiat	500		14	2007->		1*	1*	1*							[#5]
187	Fiat	500 L		14	2012->		1*	1*	1*							[#5]
188	Fiat	500 X		188	2014-2018						1					[#1]
189	Fiat	500 X		188	2018->						1					[#1]
190	Fiat	Aegea		202	2016->											[#3]
191	Fiat	Bravo		53	2007->		1*	1*	1*							[#5]
192	Fiat	Croma		52	2005-2011											[#5]
193	Fiat	Doblo		14	2010->		1*	1*	1*							[#5]
194	Fiat	Doblo		69	2010->		1*	1*	1*							[#5]
195	Fiat	Doblo		14	2017->						1*	1*	1*			
196	Fiat	Doblo		69	2017->						1*	1*	1*			
197	Fiat	Ducato III		15	2006-2011											[#5]
198	Fiat	Ducato IIIFL		69	2011->		1*	1*	1*							[#5]
199	Fiat	Fiorino		14	2007->		1*	1*	1*							[#5]

\*\* 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

\* Coded pulse via dedicated wire



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factory default - parameter 1 - level 3 432

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							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
300	Hyundai	Genesis Coupe		125	2008-2012		1	1								
301	Hyundai	Grandeur	TG	95	2005-2011											
302	Hyundai	H350		198	2014->											
303	Hyundai	Kona		245	2017->		1									
304	Hyundai	Santa Fe	DM/NC	184	2012-2018		1	1								
305	Hyundai	Tucson	TL	166	2015->											
306	Hyundai	Veracruz		95	2007-2015											
307	Infiniti	FX35		58	2003-2008											
308	Infiniti	G37		102	2009-2013		1	1								[#1]
309	Infiniti	Q50		102	2013->		1	1								[#1]
310	Isuzu	F		254	2013->											
311	Isuzu	M21		254	2018->											
312	Iveco	Daily IV		15	2006-2011											
313	Iveco	Daily V		69	2011-2014		1*	1*	1*							
314	Iveco	Daily VI		69	2014-2019											
315	Iveco	Daily VII		69	2019->											
316	Iveco	Stralis		200	2012->											
317	Jaguar	F-Pace	X761	203	2016->											
318	Jaguar	F-Pace	X761	231	2017->											
319	Jaguar	XF		173	2008-2011											
320	Jaguar	XJ	X351	107	2009->											
321	Jaguar	XJL	X351	107	2009->											
322	Jeep	Cherokee	KL	193	2013->											
323	Jeep	Compass	MK49	28	2007-2017		1	1								
324	Jeep	Compass	MP	188	2017->		1	1								[#1]
325	Jeep	Grand Cherokee	WJ	225	1999-2004											
326	Jeep	Grand Cherokee	WK	28	2005-2010		1	1								
327	Jeep	Grand Cherokee	WK2	70	2010-2013		1	1								
328	Jeep	Grand Cherokee	WK2	190	2013->		1	1								
329	Jeep	Renegade		188	2014-2017											
330	Jeep	Renegade		188	2017->											[#1]
331	Jeep	Wrangler	JK	70	2007-2017		1	1								[#1]
332	Jeep	Wrangler	JL	244	2018->		1	1								
333	Kia	Carens	RP	219	2013->											
334	Kia	Carnival	VQ	22	2005-2010											
335	Kia	cee'd	JD	135	2012-2018		1									
336	Kia	Ceed	CD	245	2018->		1									[#2]
337	Kia	Niro	DE	216	2016->											[#2]
338	Kia	Opirus		23	2003-2010											
339	Kia	Optima	TF	187	2010-2015		1	1								[#2]
340	Kia	Optima	JF	166	2015->											
341	Kia	Picanto	JA	228	2017->											
342	Kia	Proceed		245	2018->		1									
343	Kia	Rio	UB	135	2011-2017		1									[#2]
344	Kia	Rio	YB	228	2017->											
345	Kia	Sorento	XM	108	2009-2015											[#2]
346	Kia	Sorento	XM	170	2012-2015	After facelift. (FL)										[#2]
347	Kia	Sorento	UM	166	2015->											
348	Kia	Soul	AM	136	2010-2012											
349	Kia	Soul	AM	170	2012-2014											
350	Kia	Soul	PS	166	2014->											[#2]
351	Kia	Sportage	SL	109	2010-2016		1									[#2]
352	Kia	Sportage	QL	166	2015->											
353	Kia	Stinger		216	2017->											[#2]
354	Kia	Stonic		228	2017->											
355	Lada	Kalina 2		181	2013->											[#1]
356	Lada	Granta		181	2011->											[#1]
357	Lada	Priora		181	2013->											[#1]
358	Lamborghini	Urus		214	2018->		1									
359	Land Rover	Discovery 3		80	2004-2009											
360	Land Rover	Discovery 4		107	2009-2013											
361	Land Rover	Discovery 4		203	2013-2016											
362	Land Rover	Discovery 5		231	2018->											
363	Land Rover	Range Rover Evoque		203	2011-2014											
364	Land Rover	Range Rover Evoque		203	2015->											
365	Land Rover	Range Rover Sport	L320	80	2003-2009											
366	Land Rover	Range Rover Sport	L320	107	2010-2013											
367	Lexus	GS	S190	60	2005-2012		1									
368	Lexus	GS		127	2012-2015		1	1	1							[#1]
369	Lexus	HS	ANF20	128	2009->		1	1	1							
370	Lexus	IS	XE20	124	2005-2013	With OEM alarm.										
371	Lexus	IS	XE30	127	2013->		1	1	1							
372	Lexus	NX	AZ10	127	2014->		1	1	1							[#1]
373	Lexus	RC	AVC10	127	2014->		1	1	1							
374	Lexus	RX	L10	128	2009-2015		1		1							
375	MAN	TGA		171	2012->											
376	MAN	TGA		234	2012->											
377	MAN	TGE		221	2017->		1									
378	MAN	TGL		171	2012->											
379	MAN	TGL		234	2012->											
380	MAN	TGM		171	2012->											
381	MAN	TGM		234	2012->											
382	MAN	TGX		171	2012->											
383	MAN	TGX		234	2012->											
384	Maserati	Ghibli		190	2013->		1	1								
385	Mazda	2	DE	103	2007-2014											
386	Mazda	2	DJ	138	2014->											[#1]
387	Mazda	3	BL	103	2009-2013											[#1]
388	Mazda	3	BM	138	2013->	Hatchback (2-button OEM remote)										[#1]
389	Mazda	3	BM	138	2013->	Sedan (3-button OEM remote)										[#1]
390	Mazda	5	CW	103	2010->											[#1]
391	Mazda	6	GH	45	2007-2012											[#1]
392	Mazda	6	GJ	138	2012-2015											[#1]
393	Mazda	6	GJ	138	2015->	After facelift. (FL)										[#1]
394	Mazda	CX-3	DK	138	2015->											[#1]
395	Mazda	CX-5	KE	138	2011->											[#1]
396	Mazda	CX-5	KE	138	2015->	After facelift. (FL)										[#1]
397	Mazda	CX-7		64	2007->											[#1]
398	Mazda	CX-9		96	2007->											[#1]
399	Mazda	MX-5	ND	138	2015->											[#1]

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

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NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	DS002
400	Mercedes	A	W169	91	2004-2012		1	1	1	1	1	1	1			
401	Mercedes	A	W176	39	2012-2018		1	1	1	1	1	1	1	1		
402	Mercedes	A	W177	261	2018->		1	1	1	1	1	1	1	1		
403	Mercedes	Actros (New)	2 gen.	183	2011->	Instrument cluster CAN, no FMS gate required										
404	Mercedes	Antos		183	2012->											
405	Mercedes	Arocs		183	2013->	Instrument cluster CAN, no FMS gate required										
406	Mercedes	Atego (Euro6)		183	2013->											
407	Mercedes	Atego		183	2013->											
408	Mercedes	B	W245	91	2005-2011		1	1	1	1	1	1	1	1		
409	Mercedes	B	W246	39	2011->		1	1	1	1	1	1	1	1		
410	Mercedes	C	W203	93	2000-2007		1	1	1	1	1	1	1	1		
411	Mercedes	C	W204	39	2007-2014		1	1	1	1	1	1	1	1		
412	Mercedes	C	W205	182	2014->	if no door signal - use level 241	1	1	1	1	1	1	1	1		
413	Mercedes	C	W205	241	2014->		1	1	1	1	1	1	1	1		
414	Mercedes	Citan	W415	57	2012->											
415	Mercedes	Citan	W415	210	2012->											
416	Mercedes	CL	C215	27	1999-2006		1	1	1	1	1	1	1	1		
417	Mercedes	CL	C216	39	2006-2014		1	1	1	1	1	1	1	1		
418	Mercedes	CLA	C117	39	2013-2019		1	1	1	1	1	1	1	1		
419	Mercedes	CLA	C118	261	2019->		1	1	1	1	1	1	1	1		
420	Mercedes	CLK	C208	37	1997-2003	RF transmitter.	1	1	1	1	1	1	1	1		
421	Mercedes	CLK	C209	9	2002-2009		1	1	1	1	1	1	1	1		
422	Mercedes	CLS	C219	9	2004-2010		1	1	1	1	1	1	1	1		
423	Mercedes	CLS	C218	65	2010->		1	1	1	1	1	1	1	1		
424	Mercedes	E	A207	65	2009->		1	1	1	1	1	1	1	1		
425	Mercedes	E	C207	65	2009->		1	1	1	1	1	1	1	1		
426	Mercedes	E	W210	19	1995-1997	IR transmitter.	1	1	1	1	1	1	1	1		
427	Mercedes	E	W210	37	1997-2002	RF transmitter.	1	1	1	1	1	1	1	1		
428	Mercedes	E	W211	9	2002-2009		1	1	1	1	1	1	1	1		
429	Mercedes	E	W212	39	2009->		1	1	1	1	1	1	1	1		
430	Mercedes	E	W213	223	2016->	if no door signal - use level 242	1	1	1	1	1	1	1	1		
431	Mercedes	E	W213	242	2016->		1	1	1	1	1	1	1	1		
432	Mercedes	G	W463	93	2000->		1	1	1	1	1	1	1	1		
433	Mercedes	GL	X164	9	2006-2012		1	1	1	1	1	1	1	1		
434	Mercedes	GL	X166	39	2012-2016		1	1	1	1	1	1	1	1		
435	Mercedes	GLS	X166	39	2016->		1	1	1	1	1	1	1	1		
436	Mercedes	GLA	X156	39	2013->		1	1	1	1	1	1	1	1		
437	Mercedes	GLC	X205	182	2015->		1	1	1	1	1	1	1	1		
438	Mercedes	GLC	X253	182	2015->		1	1	1	1	1	1	1	1		
439	Mercedes	GLE Coupe	C292	39	2015->		1	1	1	1	1	1	1	1		
440	Mercedes	GLE Wagon	W166	39	2015->		1	1	1	1	1	1	1	1		
441	Mercedes	ML	W164	9	2005-2011		1	1	1	1	1	1	1	1		
442	Mercedes	ML	W166	39	2011-2015		1	1	1	1	1	1	1	1		
443	Mercedes	R	W251	9	2005-2013		1	1	1	1	1	1	1	1		
444	Mercedes	S	W220	27	1998-2003		1	1	1	1	1	1	1	1		
445	Mercedes	S	W220	27	2003-2005		1	1	1	1	1	1	1	1		
446	Mercedes	S	W221	39	2005-2013		1	1	1	1	1	1	1	1		
447	Mercedes	S	W222	182	2013->		1	1	1	1	1	1	1	1		
448	Mercedes	SL	R230	27	2001-2011		1	1	1	1	1	1	1	1		
449	Mercedes	SLK	R171	92	2004-2011		1	1	1	1	1	1	1	1		
450	Mercedes	SLS	C197	39	2010->		1	1	1	1	1	1	1	1		
451	Mercedes	Sprinter II	W906	16	2006-2013		1	1	1	1	1	1	1	1		
452	Mercedes	Sprinter II	W906	16	2013-2018		1	1	1	1	1	1	1	1		
453	Mercedes	Sprinter III	W907	240	2018->		1	1	1	1	1	1	1	1		
454	Mercedes	Sprinter III	W910	240	2018->		1	1	1	1	1	1	1	1		
455	Mercedes	Travego III O580		232	2008->											
456	Mercedes	V	W447	195	2014->		1	1	1	1	1	1	1	1		
457	Mercedes	Viano	W639	17	2003->		1	1	1	1	1	1	1	1		
458	Mercedes	Vito	W639	17	2003-2014		1	1	1	1	1	1	1	1		
459	Mercedes	Vito	W447	195	2014->		1	1	1	1	1	1	1	1		
460	Mercedes	X	W470	102	2017-2020	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
461	MG	ZS		266	2017->											
462	Mini	Cabrio	F57	174	2016->		1	1	1	1	1	1	1	1		
463	Mini	Cooper	R56	13	2006-2013		1	1	1	1	1	1	1	1		
464	Mini	Countryman	R60	13	2010-2016		1	1	1	1	1	1	1	1		
465	Mini	Countryman	F60	174	2017->		1	1	1	1	1	1	1	1		
466	Mini	Coupe	R58	13	2012-2015		1	1	1	1	1	1	1	1		
467	Mini	Clubman	R55	13	2007-2014		1	1	1	1	1	1	1	1		
468	Mini	Clubman	F54	174	2015->		1	1	1	1	1	1	1	1		
469	Mini	Hardtop	F56	174	2013->		1	1	1	1	1	1	1	1		
470	Mini	Hatch	F55	174	2015->		1	1	1	1	1	1	1	1		
471	Mini	Paceman	R61	13	2013-2016		1	1	1	1	1	1	1	1		
472	Mini	Roadster	R59	13	2012-2015		1	1	1	1	1	1	1	1		
473	Mitsubishi	ASX	3 gen.	40	2010->		1	1	1	1	1	1	1	1		
474	Mitsubishi	Eclipse Cross		151	2018->		1	1	1	1	1	1	1	1		
475	Mitsubishi	L200		177	2015->	Version with Keyless Entry	1	1	1	1	1	1	1	1		
476	Mitsubishi	L200		178	2015->	Version without Keyless Entry.	1	1	1	1	1	1	1	1		
477	Mitsubishi	Lancer	8. gen	40	2007-2011		1	1	1	1	1	1	1	1		
478	Mitsubishi	Lancer	8. gen	40	2011->	After facelift. (FL)	1	1	1	1	1	1	1	1		
479	Mitsubishi	Outlander		40	2006-2010		1	1	1	1	1	1	1	1		
480	Mitsubishi	Outlander		40	2010-2011		1	1	1	1	1	1	1	1		
481	Mitsubishi	Outlander		40	2011-2012		1	1	1	1	1	1	1	1		
482	Mitsubishi	Outlander		151	2012->		1	1	1	1	1	1	1	1		
483	Mitsubishi	Space Star		177	2013->	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
484	Mitsubishi	Space Star		178	2013->	Version without Keyless Entry.	1	1	1	1	1	1	1	1		
485	Mitsubishi	Triton		177	2015->	Version with Keyless Entry	1	1	1	1	1	1	1	1		
486	Mitsubishi	Triton		178	2015->	Version without Keyless Entry.	1	1	1	1	1	1	1	1		
487	Nissan	370Z		59	2008->	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
488	Nissan	Altima	L33	102	2012-2018		1	1	1	1	1	1	1	1		
489	Nissan	Cube	Z12	102	2008->		1	1	1	1	1	1	1	1		
490	Nissan	Juke	F15	42	2010->	Version without Keyless Entry.	1	1	1	1	1	1	1	1		
491	Nissan	Juke	F15	102	2010->	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
492	Nissan	Juke	F15	102	2014->	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
493	Nissan	Juke II		257	2019->		1	1	1	1	1	1	1	1		
494	Nissan	Leaf		220	2010->	Version with Keyless Entry.	1	1	1	1	1	1	1	1		
495	Nissan	Leaf		248	2017->		1	1	1	1	1	1	1	1		
496	Nissan	Micra	K12	41	2003-2010											
497	Nissan	Micra	K13	42	2010-2013											
498	Nissan	Micra	K13	42	2013-2016											
499	Nissan	Micra	K13	102	2013-2016	Version with Keyless Entry.	1	1	1	1	1	1	1	1		

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, [#4] CAN1 pins 9, [#5] CAN1 pins 19, [#6] CAN1 pins 19, [#7] CAN1 pins 19, [#8] CAN1 pins 6/14 may not work in cars manufactured after 2015

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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	
500	Nissan	Micra	K14	222	2016->		1		[#1]
501	Nissan	Murano	Z50	58	2002-2008	Version with Keyless Entry.			[#1]
502	Nissan	Murano	Z50	59	2002-2008	Version without Keyless Entry.			[#1]
503	Nissan	Murano	Z51	42	2009-2014	Version without Keyless Entry.			[#1]
504	Nissan	Murano	Z51	58	2009-2014	Version with Keyless Entry.			[#1]
505	Nissan	Navara	D40	42	2006-2015	Version without Keyless Entry.			[#1]
506	Nissan	Navara	D40	58	2006-2015	Version with Keyless Entry.			[#1]
507	Nissan	Navara	D23	102	2015->	Version with Keyless Entry.	1 1		[#1]
508	Nissan	NV200		57	2009->				[#1]
509	Nissan	NV200		210	2009->				[#1]
510	Nissan	NV200		258	2009->				[#1]
511	Nissan	NV250		57	2019->				[#1]
512	Nissan	NV250		210	2019->				[#1]
513	Nissan	Note		41	2006-2012				[#1]
514	Nissan	Note II		42	2012->				[#1]
515	Nissan	Note II		102	2012->	Version without Keyless Entry.	1 1		[#1]
516	Nissan	Pathfinder	R51	42	2005-2012	Version without Keyless Entry.			[#1]
517	Nissan	Pathfinder	R51	58	2005-2012	Version with Keyless Entry.			[#1]
518	Nissan	Pixo		81	2009->				[#1]
519	Nissan	Presage	U31	102	2006-2009		1 1		[#1]
520	Nissan	Pulsar		172	2014->				[#1]
521	Nissan	Qashqai	J10	58	2006-2010	Version with Keyless Entry.		1	[#1]
522	Nissan	Qashqai	J10	42	2010-2013	Version without Keyless Entry.			[#1]
523	Nissan	Qashqai	J10	58	2010-2013	Version with Keyless Entry. FL			[#1]
524	Nissan	Qashqai	J11	172	2013->			1	[#1]
525	Nissan	Qashqai		172	2017->			1	[#1]
526	Nissan	Qashqai +2	NJ10	42	2008-2010	Version without Keyless Entry.			[#1]
527	Nissan	Qashqai +2	NJ10	58	2008-2010	Version with Keyless Entry.			[#1]
528	Nissan	Qashqai +2	NJ10	42	2010->	Version without Keyless Entry. FL			[#1]
529	Nissan	Qashqai +2	NJ10	58	2010->	Version with Keyless Entry. FL			[#1]
530	Nissan	Serena		102	2005-2010		1 1		[#1]
531	Nissan	Tiida		41	2006-2011				[#1]
532	Nissan	Wingroad		102	2006->		1 1		[#1]
533	Nissan	X-trail	T31	42	2007-2014	Version without Keyless Entry.			[#1]
534	Nissan	X-trail	T31	58	2007-2014	Version with Keyless Entry.			[#1]
535	Nissan	X-trail	T32	172	2014-2017				[#1]
536	Opel	Adam		82	2012->	check installation diagram for proper level		1 1 1	[#4]
537	Opel	Adam		147	2012->	check installation diagram for proper level		1	[#4]
538	Opel	Adam		164	2014->	check installation diagram for proper level		1 1 1	[#4]
539	Opel	Antara		49	2007->			1 1 1	[#4]
540	Opel	Antara		160	2011->	Version with keyless entry OEM alarm		1	[#1]
541	Opel	Agila	B	44	2007-2015	Version with Keyless Entry.	1 1 1		[#1]
542	Opel	Agila	B	81	2007-2015	Version without Keyless Entry.	1 1 1		[#1]
543	Opel	Astra	H	18	2004-2009				[#1]
544	Opel	Astra	H	217	2004-2009	Cabrio with Keyless			[#1]
545	Opel	Astra	J	82	2009->	check installation diagram for proper level		1 1	[#4]
546	Opel	Astra	J	147	2009->	check installation diagram for proper level		1 1 1	[#4]
547	Opel	Astra	K	164	2014->	check installation diagram for proper level		1 1 1	[#4]
548	Opel	Cascada		82	2009->	check installation diagram for proper level		1 1 1	[#4]
549	Opel	Cascada		147	2009->	check installation diagram for proper level		1	[#4]
550	Opel	Cascada		164	2009->	check installation diagram for proper level		1 1 1	[#4]
551	Opel	Combo	D	14	2011-2018		1* 1* 1*		[#1]
552	Opel	Combo	D	69	2011-2018		1* 1* 1*		[#1]
553	Opel	Combo	E	144	2018->	check installation diagram for proper level			[#1]
554	Opel	Combo	E	218	2018->	check installation diagram for proper level		1 1	[#1]
555	Opel	Combo	E	226	2018->	check installation diagram for proper level			[#1]
556	Opel	Combo	E	263	2018->	check installation diagram for proper level			[#1]
557	Opel	Corsa	D	72	2006-2014	3 door		1	[#1]
558	Opel	Corsa	D	18	2006-2014	5 door		1	[#1]
559	Opel	Corsa	E	164	2014-2019	check installation diagram for proper level		1 1 1	[#4]
560	Opel	Corsa	F	218	2019->			1 1	[#1]
561	Opel	Crossland X		218	2017->	check installation diagram for proper level		1 1	[#1]
562	Opel	Crossland X		226	2017->	check installation diagram for proper level			[#1]
563	Opel	Crossland X		263	2017->	check installation diagram for proper level			[#1]
564	Opel	Grandland X		218	2017->	check installation diagram for proper level		1 1	[#1]
565	Opel	Grandland X		226	2017->	check installation diagram for proper level			[#1]
566	Opel	Grandland X		263	2017->	check installation diagram for proper level			[#1]
567	Opel	Insignia	A	82	2008-2013	check installation diagram for proper level		1 1 1	[#4]
568	Opel	Insignia	A	147	2008-2013	check installation diagram for proper level		1	[#4]
569	Opel	Insignia	A	164	2014-2017	check installation diagram for proper level		1 1 1	[#4]
570	Opel	Insignia	B	164	2017->			1 1 1	[#4]
571	Opel	Karl		164	2014->			1 1 1	[#4]
572	Opel	Meriva	B	116	2010->				[#1]
573	Opel	Mokka		82	2012->	check installation diagram for proper level		1 1 1	[#4]
574	Opel	Mokka		147	2012->	check installation diagram for proper level		1	[#4]
575	Opel	Mokka		164	2014->	check installation diagram for proper level		1 1 1	[#4]
576	Opel	Movano B		210	2010->			1 1 1	[#1]
577	Opel	Signum		18	2003-2008		1 1 1 1		[#1]
578	Opel	Vectra	C	141	2002-2009		1 1 1 1		[#1]
579	Opel	Vivaro		153	2014->		1 1		[#1]
580	Opel	Zafira	B	18	2005-2011		1 1 1 1		[#1]
581	Opel	Zafira	C	82	2011->	check installation diagram for proper level		1 1 1	[#4]
582	Opel	Zafira	C	147	2011->	check installation diagram for proper level		1	[#4]
583	Opel	Zafira	C	164	2014->	check installation diagram for proper level		1 1 1	[#4]
584	Opel	Zafira Tourer	C	82	2011->	check installation diagram for proper level		1 1 1	[#4]
585	Opel	Zafira Tourer	C	147	2011->	check installation diagram for proper level		1	[#4]
586	Opel	Zafira Tourer	C	164	2014->	check installation diagram for proper level		1 1 1	[#4]
587	Peugeot	207		10	2006-2012	Enable OEM alarm function in BSI		1	[#1]
588	Peugeot	208		144	2012->	Version without Keyless Entry		1 1 1	[#1]
589	Peugeot	208		218	2019->	check installation diagram for proper level		1 1	[#1]
590	Peugeot	208		263	2019->	check installation diagram for proper level			[#1]
591	Peugeot	208-e		218	2019->	check installation diagram for proper level		1 1	[#1]
592	Peugeot	208-e		263	2019->	check installation diagram for proper level			[#1]
593	Peugeot	2008		144	2013->				[#1]
594	Peugeot	301		144	2012->				[#1]
595	Peugeot	307		10	2005-2008	Enable OEM alarm function in BSI		1 1 1	[#1]
596	Peugeot	308		10	2007-2013	Enable OEM alarm function in BSI		1 1 1	[#1]
597	Peugeot	308		144	2013->	Version without Keyless Entry.			[#1]
598	Peugeot	308		165	2013->	W/keyless.enable OEM alarm function in BSI		1 1 1	[#1]
599	Peugeot	3008		10	2009->	Enable OEM alarm function in BSI		1 1 1	[#1]

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

LIST OF CARS FOR TYTAN®GPS DS512  
FIRMWARE VERSION 0453

factory default - parameter 1 - level 3 432

CAN-BUS CONTROL

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
600	Peugeot	3008			218 2016->	check installation diagram for proper level					1	1				1
601	Peugeot	3008			226 2016->	check installation diagram for proper level										1
602	Peugeot	3008			263 2016->	check installation diagram for proper level										1
603	Peugeot	407			11 2004-2011			1			1	1				
604	Peugeot	4007			40 2007-2011		1	1		1	1	1	1			
605	Peugeot	4007			40 2011-2012		1	1		1	1	1	1			
606	Peugeot	4008			40 2012->		1	1		1	1	1	1			
607	Peugeot	508			10 2010->	Enable OEM alarm function in BSI			1		1	1	1			
608	Peugeot	508			10 2010->	W/keyless.enable OEM alarm function in BSI			1		1	1	1			
609	Peugeot	508			218 2017->	check installation diagram for proper level					1	1				1
610	Peugeot	508			263 2017->	check installation diagram for proper level										1
611	Peugeot	5008			10 2009->	Enable OEM alarm function in BSI			1		1	1	1			
612	Peugeot	5008			218 2017->	Version with Keyless					1	1				1
613	Peugeot	5008			218 2017->	check installation diagram for proper level					1	1				1
614	Peugeot	5008			226 2017->	check installation diagram for proper level					1	1				1
615	Peugeot	5008			263 2017->	check installation diagram for proper level										1
616	Peugeot	Bipper			69 2008->		1*	1*	1*							[#1]
617	Peugeot	Boxer			15 2006-2011											
618	Peugeot	Boxer			69 2011->		1*	1*	1*							[#1]
619	Peugeot	Expert			55 2007-2016	Enable OEM alarm function in BSI			1		1	1	1			
620	Peugeot	Expert II			144 2016->											
621	Peugeot	Partner	II		10 2008->	Enable OEM alarm function in BSI			1		1	1	1			
622	Peugeot	Partner	III		144 2018->	check installation diagram for proper level										
623	Peugeot	Partner	III		218 2018->	check installation diagram for proper level					1	1				
624	Peugeot	Partner	III		226 2018->	check installation diagram for proper level										
625	Peugeot	Partner	III		263 2018->	check installation diagram for proper level										
626	Peugeot	Rifter			144 2018->	check installation diagram for proper level										
627	Peugeot	Rifter			218 2018->	check installation diagram for proper level					1	1				
628	Peugeot	Rifter			226 2018->	check installation diagram for proper level										
629	Peugeot	Rifter			263 2018->	check installation diagram for proper level										
630	Peugeot	Traveller			144 2016->											
631	Porsche	911	997		66 2004-2012		1		1		1	1				
632	Porsche	911	991		106 2012->		1	1			1	1				
633	Porsche	Boxter	987		66 2004-2012						1	1				
634	Porsche	Cayenne			20 2002-2010		1	1	1	1	1	1				
635	Porsche	Cayenne			77 2002-2010		1	1	1	1	1	1				
636	Porsche	Cayenne			243 2002-2010	Single lock/unlock button on remote	1	1	1	1	1	1				
637	Porsche	Cayenne			104 2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1				
638	Porsche	Cayenne			106 2010->	Keyless trunk unlocks all doors	1	1			1	1				
639	Porsche	Cayenne			214 2018->		1				1	1				
640	Porsche	Cayman	987		66 2006-2013				1		1	1				
641	Porsche	Cayman	981		106 2013-2016		1	1			1	1				
642	Porsche	Macan	95B		106 2014->		1	1			1	1				
643	Porsche	Panamera			104 2009->	Keyless trunk DO NOT unlock all doors	1	1			1	1				
644	Porsche	Panamera			106 2009-2016	Keyless trunk unlocks all doors	1	1			1	1				
645	Porsche	Panamera			214 2017->		1	1			1	1				
646	Renault	Captur			153 2013->		1	1								
647	Renault	Captur II			257 2019->						1					[#1]
648	Renault	Clio III GrandTour			51 2008-2012											[#1]
649	Renault	Clio III	R		51 2005-2012											[#1]
650	Renault	Clio IV	X98		153 2012->		1	1								[#1]
651	Renault	Clio V			257 2019->						1					[#1]
652	Renault	Espace IV	JK		25 2003-2014											[#1]
653	Renault	Espace V			194 2015-2019						1					[#1]
654	Renault	Espace V			257 2020->						1					[#1]
655	Renault	Fluence			50 2009->											[#1]
656	Renault	Grand Modus			51 2008-2012											[#1]
657	Renault	Grand Scenic II			194 2016->						1					[#1]
658	Renault	Kadjar			194 2015->						1					[#1]
659	Renault	Kangoo II	X61		57 2008->											[#1]
660	Renault	Kangoo II	X61		210 2008->											[#1]
661	Renault	Koleos II			194 2016->						1					[#1]
662	Renault	Laguna II Facelift	G		25 2005-2007	After facelift. (FL)										[#1]
663	Renault	Laguna III	T		50 2007->											[#1]
664	Renault	Latitude			50 2010->											[#1]
665	Renault	Master III			210 2010-2014											[#1]
666	Renault	Master III FL			210 2014-2020											[#1]
667	Renault	Master III FL2			210 2020->											[#1]
668	Renault	Megane II			209 2002-2009											[#1]
669	Renault	Megane III	B95		50 2008->											[#1]
670	Renault	Megane IV			194 2015->						1					[#1]
671	Renault	Megane Generation	B95		50 2010->											[#1]
672	Renault	Megane GrandTour	B95		50 2009->											[#1]
673	Renault	Modus			51 2008-2012											[#1]
674	Renault	Scenic II			209 2004-2009											[#1]
675	Renault	Scenic III			50 2009->											[#1]
676	Renault	Scenic IV			194 2016->						1					[#1]
677	Renault	T			197 2013->	Limited functionality - check documentation										
678	Renault	Talisman			194 2015->						1					
679	Renault	Traffic III			153 2014->		1	1								[#1]
680	Renault	Twingo III			153 2014->		1	1								[#1]
681	Renault	Zoe			50 2012->											
682	Renault	Zoe			237 2012->											
683	Saab	9-3 Face lift	YS3F		67 2003-2011											[#4]
684	Saab	9-5	YS3G		82 2010-2012						1	1	1			[#4]
685	Scania	S			236 2016->											
686	Seat	Alhambra	7V		3 2009->		1	1	1	1	1	1	1			
687	Seat	Altea	5P		3 2004-2009		1	1	1	1	1	1	1			
688	Seat	Altea	5P		3 2008-2015		1	1	1	1	1	1	1			
689	Seat	Altea Freerack			3 2007-2009		1	1	1	1	1	1	1			
690	Seat	Altea Freerack			3 2008-2015		1	1	1	1	1	1	1			
691	Seat	Altea XL	5P		3 2006-2009		1	1	1	1	1	1	1			
692	Seat	Altea XL	5P		3 2008-2015		1	1	1	1	1	1	1			
693	Seat	Arona			214 2017->		1				1	1				
694	Seat	Ateca			214 2017->		1				1	1				
695	Seat	Cordoba	6L		4 2002-2009		1	1	1	1	1	1				
696	Seat	Exeo	3R		6 2008-2013		1	1	1	1	1	1				
697	Seat	Ibiza III	6L		4 2002-2008		1	1	1	1	1	1				
698	Seat	Ibiza IV	6J		73 2008-2015		1	1	1	1	1	1	1			

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

LIST OF CARS FOR TYTAN®GPS DS512  
FIRMWARE VERSION 0453

factory default - parameter 1 - level 3 432

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL								
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
699	Seat	Ibiza IV FL	6J	214	2015->		1				1	1	1		
700	Seat	Leon I	1M	1	1999-2001										
701	Seat	Leon I	1M	2	2001-2005		1	1	1	1	1	1	1	1	
702	Seat	Leon II	1P	3	2005-2009		1	1	1	1	1	1	1	1	
703	Seat	Leon II	1P	3	2008-2012		1	1	1	1	1	1	1	1	
704	Seat	Leon III	5F	154	2012->		1	1	1	1	1	1	1	1	
705	Seat	Mii		73	2010->										
706	Seat	Toledo II	1M	1	1999-2001										
707	Seat	Toledo II	1M	2	2001-2004		1	1	1	1	1	1	1	1	
708	Seat	Toledo III	5P	3	2004-2009		1	1	1	1	1	1	1	1	
709	Seat	Toledo IV		73	2012->										
710	Skoda	Citigo		73	2012->										
711	Skoda	Fabia I	6Y	4	1999-2007		1	1	1	1	1	1	1	1	
712	Skoda	Fabia II	5J	4	2007-2010				1						
713	Skoda	Fabia II	5J	73	2010-2014	After facelift. (FL)									
714	Skoda	Fabia III	NJ	154	2014->		1								
715	Skoda	Kamiiq		214	2019->		1								
716	Skoda	Karoq		214	2017->		1								
717	Skoda	Kodiaq		214	2016->		1								
718	Skoda	Octavia I	1U	1	1996-2001										
719	Skoda	Octavia I	1U	2	2001-2010		1	1	1	1	1	1	1	1	
720	Skoda	Octavia II	1Z	3	2004-2009		1	1	1	1	1	1	1	1	
721	Skoda	Octavia II	1Z	3	2009-2012		1	1	1	1	1	1	1	1	
722	Skoda	Octavia III	5E	154	2012-2017	Version without Keyless Entry.	1	1	1	1	1	1	1	1	
723	Skoda	Octavia III	5E	154	2012-2017	Version with Keyless Entry.	1	1	1	1	1	1	1	1	
724	Skoda	Octavia III FL		214	2017-2020	After facelift. (FL)	1	1	1	1	1	1	1	1	
725	Skoda	Octavia IV		262	2020->		1	1	1	1	1	1	1	1	
726	Skoda	Rapid		73	2012-2015	After facelift. (FL)	1	1	1	1	1	1	1	1	
727	Skoda	Rapid		214	2015->		1								
728	Skoda	Roomster	5J	4	2006-2010				1						
729	Skoda	Roomster	5J	73	2010->	After facelift. (FL)									
730	Skoda	Scala		214	2018->		1	1	1	1	1	1	1	1	
731	Skoda	Superb I	3U	2	2001-2008		1	1	1	1	1	1	1	1	
732	Skoda	Superb II	3T	3	2008-2015										
733	Skoda	Superb III	3V	214	2015->		1	1	1	1	1	1	1	1	
734	Skoda	Yeti		3	2009->		1	1	1	1	1	1	1	1	
735	Smart	ForTwo	W453	153	2014->		1	1	1	1	1	1	1	1	
736	Subaru	BRZ		143	2012->				1						[#1]
737	Subaru	Forester	SH	61	2008-2013	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
738	Subaru	Forester	SH	75	2008-2013	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
739	Subaru	Forester	SJ	161	2013-2016	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
740	Subaru	Forester	SJ	161	2016-2017		1	1	1	1	1	1	1	1	[#1]
741	Subaru	Forester	SJ	161	2018-2019		1	1	1	1	1	1	1	1	[#1]
742	Subaru	Impreza	GR	61	2007-2012	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
743	Subaru	Impreza	GR	75	2007-2012	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
744	Subaru	Impreza		161	2017->		1	1	1	1	1	1	1	1	[#1]
745	Subaru	Legacy	BP	75	2006-2009	Estate	1	1	1	1	1	1	1	1	[#1]
746	Subaru	Legacy	BL	78	2006-2009	Sedan	1	1	1	1	1	1	1	1	[#1]
747	Subaru	Legacy		75	2009-2014	Estate	1	1	1	1	1	1	1	1	[#1]
748	Subaru	Legacy		78	2009-2014	Sedan	1	1	1	1	1	1	1	1	[#1]
749	Subaru	Outback		75	2003-2009	Estate	1	1	1	1	1	1	1	1	[#1]
750	Subaru	Outback		78	2003-2009	Sedan	1	1	1	1	1	1	1	1	[#1]
751	Subaru	Outback	BR	239	2010-2013	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
752	Subaru	Outback	BR	83	2010-2013	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
753	Subaru	Outback	BR	162	2013-2015	With/without keyless	1	1	1	1	1	1	1	1	[#1]
754	Subaru	Outback	BS	161	2015-2017		1	1	1	1	1	1	1	1	[#1]
755	Subaru	Outback	BS	161	2017->		1	1	1	1	1	1	1	1	[#1]
756	Subaru	XV		229	2011->	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
757	Subaru	XV		161	2015->	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
758	Suzuki	Alto		81	2009->										[#1]
759	Suzuki	Baleno		163	2015->										[#1]
760	Suzuki	Celerio		81	2014->										[#1]
761	Suzuki	Grand Vitara III		44	2005-2009	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
762	Suzuki	Grand Vitara III		81	2005-2009	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
763	Suzuki	Ignis		163	2016->										[#1]
764	Suzuki	Jimny		163	2018->										[#1]
765	Suzuki	Splash		44	2008-2014	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
766	Suzuki	Splash		81	2008-2014	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
767	Suzuki	Swift		44	2010-2017	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
768	Suzuki	Swift	JP 3gen/5gen	81	2010-2017										[#1]
769	Suzuki	Swift	JP 4gen/5gen	163	2017->										[#1]
770	Suzuki	SX4		44	2006-2013	Version with Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
771	Suzuki	SX4		81	2006-2013	Version without Keyless Entry.	1	1	1	1	1	1	1	1	[#1]
772	Suzuki	SX4		163	2013->		1	1	1	1	1	1	1	1	[#1]
773	Suzuki	Vitara		163	2015->		1	1	1	1	1	1	1	1	[#1]
774	Tesla	S		250	2012->										
775	Toyota	GT86	ZN6	142	2012->					1+2	1+2	1+2			[#1]
776	Toyota	Alphard	12	97	2008->		1	1	1	1	1	1	1	1	[#1]
777	Toyota	Aurion	NZT26	97	2007->		1	1	1	1	1	1	1	1	[#1]
778	Toyota	Auris	E15	97	2006-2012		1	1	1	1	1	1	1	1	[#1]
779	Toyota	Auris	E18	127	2012->		1	1	1	1	1	1	1	1	[#6]
780	Toyota	Avensis	T27	32	2009-2012		1	1	1	1	1	1	1	1	[#1]
781	Toyota	Avensis	T27	212	2012->	After facelift. (FL)	1	1	1	1	1	1	1	1	[#6]
782	Toyota	Aygo	AB40	213	2014->										[#6]
783	Toyota	Aygo	AB10	100	2006->		1	1	1	1	1	1	1	1	[#1]
784	Toyota	Blade	AZE15	97	2006->		1	1	1	1	1	1	1	1	[#1]
785	Toyota	C-HR		208	2016->		1	1	1	1	1	1	1	1	[#1]
786	Toyota	Camry	XV40	97	2006-2011		1	1	1	1	1	1	1	1	[#1]
787	Toyota	Camry	XV50	127	2011-2019		1	1	1	1	1	1	1	1	[#1]
788	Toyota	Camry	XV70	127	2017->		1	1	1	1	1	1	1	1	[#1]
789	Toyota	Corolla	E150	97	2006-2013		1	1	1	1	1	1	1	1	[#1]
790	Toyota	Corolla	E160	127	2012->		1	1	1	1	1	1	1	1	[#1]
791	Toyota	Corolla	E170	127	2013->		1	1	1	1	1	1	1	1	[#6]
792	Toyota	Corolla	E210	127	2018->		1	1	1	1	1	1	1	1	[#1]
793	Toyota	Corolla Axio	14	97	2006->		1	1	1	1	1	1	1	1	[#1]
794	Toyota	Corolla Fielder	14	97	2006->		1	1	1	1	1	1	1	1	[#1]
795	Toyota	Corolla Rumion	15	97	2007->		1	1	1	1	1	1	1	1	[#1]
796	Toyota	Crown	S200	100	2008-2012		1	1	1	1	1	1	1	1	[#1]
797	Toyota	Crown Hybrid	GWS20	100	2008->		1	1	1	1	1	1	1	1	[#1]
798	Toyota	Crown Majesta	S20	100	2008->		1	1	1	1	1	1	1	1	[#1]

\* Coded pulse via dedicated wire

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

DS002





LIST OF CARS FOR TYTAN®GPS DS512  
FIRMWARE VERSION 0453

factory default - parameter 1 - level 3 432

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	DS002
899	Volkswagen	Touareg	7P5	104	2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1				
900	Volkswagen	Touareg	7P5	106	2010->	Keyless trunk unlocks all doors	1	1			1	1				
901	Volkswagen	Touareg		214	2016->		1				1	1				
902	Volkswagen	Tiguan	5N	3	2007-2009		1	1	1	1	1	1	1			
903	Volkswagen	Tiguan	5N	3	2008-2011		1	1		1	1	1	1			
904	Volkswagen	Tiguan	5N	3	2011-2016		1	1		1	1	1	1			
905	Volkswagen	Tiguan		214	2016->		1				1	1				
906	Volkswagen	Tiguan Allspace		214	2017->		1				1	1				
907	Volkswagen	Touran	1T	3	2003-2006		1	1	1	1	1	1	1			
908	Volkswagen	Touran (GP)	1T	3	2006-2010		1	1	1	1	1	1	1			
909	Volkswagen	Touran (GP2)	1T	3	2010->		1	1		1	1	1	1			
910	Volkswagen	Touran	5T	214	2015->		1				1	1	1			
911	Volkswagen	Transporter	T5	4	2003-2010		1	1	1	1	1	1	1			
912	Volkswagen	Transporter	T5GP	73	2010-2014		1				1	1	1			
913	Volkswagen	Transporter	T6	73	2014->		1				1	1	1			
914	Volkswagen	Transporter	T6.1	221	2019->		1				1	1	1			
915	Volkswagen	Up		73	2011->		1				1	1	1			
916	Volkswagen	Vento	6C	154	2014->		1				1	1	1			
917	Volvo	C30		157	2006-2012	If does not work use other Volvo levels										
918	Volvo	FL Euro6		197	2013->	Limited functionality - check documentation										
919	Volvo	FM Euro6		197	2013->	Limited functionality - check documentation										
920	Volvo	FH Euro6		197	2013->	Limited functionality - check documentation										
921	Volvo	FH13 Euro6		197	2013->	Limited functionality - check documentation										
922	Volvo	S40	M	26	2004-2012	If does not work use other Volvo levels									+	
923	Volvo	S60	P24	76	2000-2004	If does not work use other Volvo levels										
924	Volvo	S60	P24	38	2004-2009	If does not work use other Volvo levels										
925	Volvo	S60	P24	21	2004-2009	If does not work use other Volvo levels										
926	Volvo	S60	Y20	155	2010-2018	If does not work use other Volvo levels	1				1	1				
927	Volvo	S60	Y20	156	2010-2018	If does not work use other Volvo levels					1	1	1			
928	Volvo	S60		230	2018->						1	1				1
929	Volvo	S80	TS	24	2001-2005	If does not work use other Volvo levels	1	1								
930	Volvo	S80	TS	35	2001-2005	If does not work use other Volvo levels										
931	Volvo	S80	TS	21	2005-2009	If does not work use other Volvo levels										
932	Volvo	S80	AS	90	2009-2012	If does not work use other Volvo levels	1				1	1				
933	Volvo	S80 Facelift	AS	156	2012->	If does not work use other Volvo levels					1	1	1			
934	Volvo	S90		230	2016->						1	1				1
935	Volvo	V40		185	2012->		1									
936	Volvo	V50	M	26	2004-2007	If does not work use other Volvo levels									+	
937	Volvo	V50	M	157	2007-2012	If does not work use other Volvo levels									+	
938	Volvo	V60		155	2010-2018	If does not work use other Volvo levels	1				1	1				
939	Volvo	V60		230	2018->						1	1				1
940	Volvo	V70	P26	56	2000-2004	If does not work use other Volvo levels										
941	Volvo	V70	24	21	2005-2007	If does not work use other Volvo levels	1				1	1				
942	Volvo	V70	24	35	2005-2007	If does not work use other Volvo levels	1				1	1				
943	Volvo	V70	24	38	2005-2007	If does not work use other Volvo levels	1				1	1				
944	Volvo	V70	24	90	2007-2013	If does not work use other Volvo levels	1				1	1				
945	Volvo	V70		156	2013->	If does not work use other Volvo levels					1	1	1			
946	Volvo	V90		230	2016->						1	1				1
947	Volvo	XC60	Y20	90	2008-2013	If does not work use other Volvo levels	1				1	1				
948	Volvo	XC60	Y20	155	2013-2017	If does not work use other Volvo levels	1				1					
949	Volvo	XC60	Y20	156	2013-2017	If does not work use other Volvo levels					1	1	1			
950	Volvo	XC60	SPA	230	2017->						1	1				1
951	Volvo	XC70	P2	24	2000-2004	If does not work use other Volvo levels										
952	Volvo	XC70	P2	35	2000-2004	If does not work use other Volvo levels										
953	Volvo	XC70	P2	21	2004-2007	If does not work use other Volvo levels										
954	Volvo	XC70	P2	35	2004-2007	If does not work use other Volvo levels										
955	Volvo	XC70	P24	90	2007-2013	If does not work use other Volvo levels	1				1	1				
956	Volvo	XC70		156	2013-2016	If does not work use other Volvo levels					1	1	1			
957	Volvo	XC90	C	34	2002-2005	If does not work use other Volvo levels	1	1								
958	Volvo	XC90	C	35	2002-2005	If does not work use other Volvo levels	1	1								
959	Volvo	XC90	C	56	2002-2005	If does not work use other Volvo levels	1	1								
960	Volvo	XC90	C	21	2005-2007	If does not work use other Volvo levels	1	1								
961	Volvo	XC90	C	90	2007-2012	If does not work use other Volvo levels	1				1	1				
962	Volvo	XC90	C	155	2012-2013		1				1					
963	Volvo	XC90		230	2015->						1	1				1

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