

Mongoose LTD MAP77 Vehicle list :

VERSION 1520 and 2524

factory default - parameter 1 - level 3 443

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
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			
9	Audi	A1	8X	3	2010-2018		1	1		1	1	1			
10	Audi	A1	GB	214	2018->		1				1	1			
11	Audi	A2	8Z	6	1999-2005		1	1			1	1			
12	Audi	A3	8P	3	2003-2008		1				1	1			
13	Audi	A3	8P	3	2008-2012		1			1	1	1			
14	Audi	A3	8V	154	2012->		1				1	1			
15	Audi	A4	8E	6	2000-2006		1	1	1		1	1			
16	Audi	A4	8E	6	2004-2008	After facelift. (FL)	1	1	1		1	1			
17	Audi	A4	8K	47	2008-2015		1	1	1		1	1			
18	Audi	A4	8W	214	2015->		1				1	1			
19	Audi	A5	8T	47	2007-2016		1	1	1		1	1			
20	Audi	A5	F5	214	2017->		1				1	1			
21	Audi	A6	4F	7	2004-2011		1	1	1	1	1	1			
22	Audi	A6	4G	104	2011->	Keyless trunk DO NOT unlock all doors	1	1			1	1			
23	Audi	A6	4G	106	2011-2018	Keyless trunk unlocks all doors	1	1			1	1			
24	Audi	A6	4H	214	2019->		1		1		1	1			
25	Audi	A7	4G8	104	2010-2017	Keyless trunk DO NOT unlock all doors	1	1			1	1			
26	Audi	A7	4G8	106	2010-2017	Keyless trunk unlocks all doors	1	1			1	1			
27	Audi	A8	4E	7	2002-2009		1	1	1		1	1			
28	Audi	A8	4H	104	2009-2017	Keyless trunk DO NOT unlock all doors	1	1			1	1			
29	Audi	A8	4H	106	2009-2017	Keyless trunk unlocks all doors	1	1			1	1			
30	Audi	Q2	GA	214	2017->		1				1	1			
31	Audi	Q3	8U	3	2011->		1	1		1	1	1			
32	Audi	Q3	F3	214	2019->		1				1	1			
33	Audi	Q5	8R	47	2008-2017		1	1	1		1	1			
34	Audi	Q5	80A	214	2017->		1				1	1			
35	Audi	Q7	4L	7	2005-2015		1	1	1	1	1	1			
36	Audi	Q7	4M	214	2015-2019		1	1	1	1	1	1			
37	Audi	Q7	4M	214	2019->		1		1		1	1			
38	Audi	Q8	4M	214	2018->		1		1		1	1			
39	Audi	R8	42	3	2006-2015		1	1		1	1	1			
40	Audi	TT	8N	3	1998-2006		1	1	1	1	1	1			
41	Audi	TT	8J	3	2006-2009		1	1	1	1	1	1			
42	Audi	TT	8J	3	2008-2014		1	1		1	1	1			
43	Bentley	Bentayga		214	2016->		1				1	1			
44	BMW	1	E81	13	2007-2012		1		1	1	1	1			
45	BMW	1	E82	13	2007->		1	1	1	1	1	1			
46	BMW	1	E87	13	2004-2011		1	1	1	1	1	1			
47	BMW	1	E88	13	2007-2011		1	1	1	1	1	1			
48	BMW	1	F20	13	2011->		1	1	1	1	1	1			
49	BMW	1	F21	13	2011->		1	1	1	1	1	1			
50	BMW	2	F22	13	2013->						1				
51	BMW	2	F22	174	2014->		1				1				
52	BMW	2	F45	174	2013->		1				1				
53	BMW	2	F46	174	2014->		1				1				
54	BMW	3	E46	84	1998-2005	Dedicated K-bus in BMW vehicles									
55	BMW	3	E90	13	2005-2011		1	1	1	1	1	1			
56	BMW	3	F30	158	2012-2014										
57	BMW	3	F30	174	2014->		1								
58	BMW	3	F31	158	2012-2014										
59	BMW	3	F31	174	2014->		1								
60	BMW	3	F35	158	2012-2014										
61	BMW	3	F35	174	2014->		1								
62	BMW	3	G20	211	2019->		1								
63	BMW	3 GT	F34	13	2013->		1	1	1	1					
64	BMW	3 GT	F34	174	2014->		1								
65	BMW	4	F32	174	2013->		1								
66	BMW	4	F33	174	2013->		1								
67	BMW	4	F36	174	2013->		1								
68	BMW	5	E39	85	1995-2000	Dedicated K-bus in BMW vehicles									
69	BMW	5	E39	84	2000-2003	Dedicated K-bus in BMW vehicles									
70	BMW	5	E60	13	2003-2010		1	1	1	1	1	1			
71	BMW	5	F10	13	2010->		1	1	1	1	1	1			
72	BMW	5	F11	13	2010->		1	1	1	1	1	1			
73	BMW	5	G30	211	2017->										
74	BMW	5	G31	211	2017->		1								
75	BMW	5	G38	211	2017->		1								
76	BMW	5 GT	F07	13	2009->		1	1	1	1	1	1			
77	BMW	6	E63	13	2003-2010		1	1	1	1	1	1			
78	BMW	6	E64	13	2003-2010		1	1	1	1	1	1			
79	BMW	6	F12	13	2011->		1	1	1	1	1	1			
80	BMW	6	F13	13	2011->		1	1	1	1	1	1			
81	BMW	6	G32	211	2017->		1								
82	BMW	7	E65	13	2001-2008		1	1	1	1	1	1			
83	BMW	7	E66	13	2001-2008		1	1	1	1	1	1			
84	BMW	7	E67	13	2001-2008		1	1	1	1	1	1			
85	BMW	7	E68	13	2001-2008		1	1	1	1	1	1			
86	BMW	7	F01	13	2008->		1	1	1	1	1	1			
87	BMW	7	F02	13	2008->		1	1	1	1	1	1			
88	BMW	7	F04	13	2010->		1	1	1	1	1	1			
89	BMW	7	G11	211	2015->		1								
90	BMW	7	G12	211	2015->		1								
91	BMW	8	G14	211	2018->		1								
92	BMW	8	G15	211	2018->		1								
93	BMW	8	G16	211	2018->		1								
94	BMW	i3	I01	174	2013->		1								
95	BMW	i8	I12	174	2013->		1								
96	BMW	X1	E84	13	2009-2015		1	1	1	1	1	1			
97	BMW	X1	F48	174	2015->		1								
98	BMW	X1	F49	174	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 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/8, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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99	BMW	X2	F39	174	2018->		1				1				
100	BMW	X3	E83	84	2003-2010	Dedicated K-bus in BMW vehicles									
101	BMW	X3	F25	13	2010->		1	1	1	1	1	1			
102	BMW	X3	G01	211	2017->		1								
103	BMW	X4	F26	13	2014-2018		1	1	1	1	1	1			
104	BMW	X4	G02	211	2018->		1								
105	BMW	X5	E53	84	2000-2006	Dedicated K-bus in BMW vehicles									
106	BMW	X5	E70	13	2006-2013		1	1	1	1	1	1			
107	BMW	X5	F15	174	2013->		1								
108	BMW	X5	G05	211	2019->		1								
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								
112	BMW	X7	G07	211	2018->		1								
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								
117	Chevrolet	Aveo	T300	82	2011->	check installation diagram for proper level									[#4]
118	Chevrolet	Aveo	T300	164	2014->	check installation diagram for proper level									[#4]
119	Chevrolet	Camaro	6-GEN.	164	2016->										[#4]
120	Chevrolet	Captiva	49	2006-2011											
121	Chevrolet	Captiva	160	2011->	Version with keyless entry OEM alarm										
122	Chevrolet	Cruze	J300	82	2008->	check installation diagram for proper level									[#4]
123	Chevrolet	Cruze	J300	147	2008-2016	check installation diagram for proper level									[#4]
124	Chevrolet	Cruze	J300	164	2014-2016	check installation diagram for proper level									[#4]
125	Chevrolet	Trax	82	2013->	check installation diagram for proper level										[#4]
126	Chevrolet	Volt	82	2010-2015											[#4]
127	Chrysler	300C	28	2005-2011			1	1		1					
128	Chrysler	Grand Voyager	70	2008->			1	1							
129	Chrysler	Pacifica	190	2017->											
130	Chrysler	PTCruiser	28	2006-2010			1	1		1					
131	Chrysler	Town&Country	70	2008->			1	1							
132	Chrysler	Voyager	70	2008->			1	1							
133	Citroen	Berlingo II	B9	10	2008-2018	Enable OEM alarm function in BSI			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										+
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	C2	10	2005-2010	Enable OEM alarm function in BSI				1						
139	Citroen	C3	10	2005-2009	Enable OEM alarm function in BSI				1						
140	Citroen	C3	10	2009-2016	Enable OEM alarm function in BSI				1						
141	Citroen	C3	144	2016->											+
142	Citroen	C3 Aircross	218	2017->	check installation diagram for proper level										+
143	Citroen	C3 Aircross	226	2017->	check installation diagram for proper level										+
144	Citroen	C3 Aircross	263	2017->	check installation diagram for proper level										+
145	Citroen	C3 Picasso	10	2009-2017	Enable OEM alarm function in BSI				1						
146	Citroen	C4	L	10	2004-2010	Enable OEM alarm function in BSI				1					
147	Citroen	C4	N	10	2010-2019	Enable OEM alarm function in BSI				1					
148	Citroen	C4	218	2020->											
149	Citroen	C4 Aircross	40	2012-2017			1	1		1					
150	Citroen	C4 Cactus	144	2014->											+
151	Citroen	C4 Picasso	10	2006-2013	Enable OEM alarm function in BSI				1						
152	Citroen	C4 Picasso	144	2013->	Version without Keyless Entry.										+
153	Citroen	C4 Picasso	165	2013->	W/keyless,enable OEM alarm function in BSI										
154	Citroen	C4 Grand Picasso	10	2006-2013	Enable OEM alarm function in BSI				1						
155	Citroen	C4 Grand Picasso	144	2013->	Version without Keyless Entry.										+
156	Citroen	C4 Grand Picasso	165	2013->	W/keyless,enable OEM alarm function in BSI										
157	Citroen	C5	10	2005-2008	Enable OEM alarm function in BSI				1						
158	Citroen	C5	X7	10	2008-2017	Enable OEM alarm function in BSI				1					
159	Citroen	C5	X7	79	2008-2017										
160	Citroen	C5 Aircross	218	2018->	check installation diagram for proper level										+
161	Citroen	C5 Aircross	226	2018->	check installation diagram for proper level										+
162	Citroen	C5 Aircross	263	2018->	check installation diagram for proper level										+
163	Citroen	C-Crosser	40	2007-2011			1	1		1					
164	Citroen	C-Crosser	40	2011->			1	1		1					
165	Citroen	C-Elysee	144	2012->											+
166	Citroen	DS3	10	2008-2015	Enable OEM alarm function in BSI										
167	Citroen	DS4	10	2010-2015	Enable OEM alarm function in BSI										
168	Citroen	DS5	10	2011-2015	Enable OEM alarm function in BSI										
169	Citroen	DS5	165	2011-2015	With keyless, no BSI programming										
170	Citroen	Jumper	15	2006-2011											
171	Citroen	Jumper	69	2011->			1*	1*	1*						[#1]
172	Citroen	Jumpy	55	2007->	Enable OEM alarm function in BSI										
173	Citroen	Jumpy	144	2017->											+
174	Citroen	Nemo	69	2007->			1*	1*	1*						[#1]
175	Citroen	Spacetourer	144	2016->											+
176	Dacia	Duster	153	2010-2017			1	1							[#1]
177	Dacia	Duster II	153	2017->			1	1							[#1]
178	Dacia	Dokker	153	2012->			1	1							[#1]
179	Dacia	Lodgy	153	2012->			1	1							[#1]
180	Dacia	Logan	153	2017->			1	1							[#1]
181	Dacia	Sandero	153	2012->			1	1							[#1]
182	Dacia	Sandero	153	2017->			1	1							[#1]
183	Dodge	Avenger	28	2007->			1								
184	Dodge	Durango	28	2004-2009			1	1		1					
185	Dodge	Grand Caravan	70	2008->			1	1							
186	Dodge	Grand Caravan	70	2008->			1	1							
187	Dodge	Journey	130	2011->			1								
188	Dodge	Neon	202	2016->											[#3]
189	Dodge	Nitro	70	2006-2012			1	1							
190	Dodge	Ram	70	2009-2012			1	1							
191	Dodge	Ram	190	2012-2018											
192	DS Automobiles	DS3	10	2015->	Enable OEM alarm function in BSI										
193	DS Automobiles	DS4	10	2015->	Enable OEM alarm function in BSI										
194	DS Automobiles	DS5	10	2015->	Enable OEM alarm function in BSI										
195	DS Automobiles	DS5	165	2015->	With keyless, no BSI programming										
196	DS Automobiles	DS7 Crossback	218	2018->	Version with Keyless Entry.										

* 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 6/14, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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197	Fiat	500		14	2007->		1*	1*	1*				1		[#5]
198	Fiat	500 L		14	2012->		1*	1*	1*				1		[#5]
199	Fiat	500 X		188	2014-2018						1				[#1]
200	Fiat	500 X		188	2018->						1				[#1]
201	Fiat	Aegea		202	2016->										[#3]
202	Fiat	Bravo		53	2007->		1*	1*	1*						[#5]
203	Fiat	Croma		52	2005-2011										[#5]
204	Fiat	Doblo		14	2010->		1*	1*	1*				1		[#5]
205	Fiat	Doblo		69	2010->		1*	1*	1*				1		[#5]
206	Fiat	Doblo		14	2017->			1*	1*				1		[#5]
207	Fiat	Doblo		69	2017->			1*	1*				1		[#5]
208	Fiat	Ducato III		15	2006-2011										[#5]
209	Fiat	Ducato III FL		69	2011->		1*	1*	1*				1		[#5]
210	Fiat	Fiorino		14	2007->		1*	1*	1*				1		[#5]
211	Fiat	Fiorino		69	2007->		1*	1*	1*				1		[#5]
212	Fiat	Freemont		130	2011-2014		1								[#5]
213	Fiat	Freemont		190	2014-2016						1	1			[#5]
214	Fiat	Fullback		177	2015->	Version with Keyless Entry	1	1			1				[#5]
215	Fiat	Fullback		178	2015->	Version without Keyless Entry.	1	1			1				[#5]
216	Fiat	Grande Punto		14	2005-2009		1*	1*	1*				1		[#5]
217	Fiat	Idea		54	2004-2010										[#5]
218	Fiat	Idea		54	2010-2012										[#5]
219	Fiat	Linea		53	2007->		1*	1*	1*						[#5]
220	Fiat	Panda		53	2003-2012		1*	1*	1*						[#5]
221	Fiat	Panda		14	2012->			1*	1*				1		[#5]
222	Fiat	Punto Evo		14	2009-2012		1*	1*	1*				1		[#5]
223	Fiat	Qubo		14	2008->		1*	1*	1*				1		[#5]
224	Fiat	Qubo		69	2008->		1*	1*	1*				1		[#5]
225	Fiat	Sedici		44	2006->	Version with Keyless Entry.	1	1	1						[#1]
226	Fiat	Sedici		81	2006->	Version without Keyless Entry.	1	1	1						[#1]
227	Fiat	Scudo II		55	2007->	Enable OEM alarm function in BSI			1			1	1		[#5]
228	Fiat	Stilo		54	2001-2005										[#5]
229	Fiat	Stilo		53	2005-2007		1*	1*	1*						[#5]
230	Fiat	Talento		153	2016->		1	1					1		[#1]
231	Fiat	Tipo		202	2016->										[#3]
232	Ford	B-Max		159	2012-2017						1				[#3]
233	Ford	C-Max	C214	8	2003-2010	Depending on the ECU - level 8 or 36.					1				[#3]
234	Ford	C-Max	C214	36	2003-2010	Depending on the ECU - level 8 or 36.					1				[#3]
235	Ford	C-Max II	Mk.2	114	2010->	Version with Keyless Entry.									[#3]
236	Ford	C-Max II	Mk.2	114	2010->	Version without Keyless Entry.									[#3]
237	Ford	C-Max Grand	Mk.2	114	2010->	Version with Keyless Entry.									[#3]
238	Ford	C-Max Grand	Mk.2	114	2010->	Version without Keyless Entry.									[#3]
239	Ford	EcoSport		186	2013->						1				[#3]
240	Ford	Edge		186	2016->						1				[#3]
241	Ford	Fiesta	JD3	71	2005-2008	After facelift. (FL)					1				[#3]
242	Ford	Fiesta	JA8	115	2008-2012						1				[#3]
243	Ford	Fiesta		115	2013-2017	Version without Keyless Entry.					1				[#3]
244	Ford	Fiesta		159	2013-2017	Version with Keyless Entry.					1				[#3]
245	Ford	Fiesta		186	2017->						1				[#3]
246	Ford	Focus II	C307	8	2004-2010	Depending on the ECU - level 8 or 36.					1				[#3]
247	Ford	Focus II	C307	36	2004-2010	Depending on the ECU - level 8 or 36.					1				[#3]
248	Ford	Focus III		114	2010->	Version with Keyless Entry.									[#3]
249	Ford	Focus III		114	2010->	Version without Keyless Entry.									[#3]
250	Ford	Focus IV		186	2018->		1					1			[#3]
251	Ford	Fusion		71	2005-2012						1				[#3]
252	Ford	Galaxy II	WA6	33	2006-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
253	Ford	Galaxy II	WA6	68	2006-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
254	Ford	Galaxy III		186	2015->						1				[#3]
255	Ford	Kuga		8	2008-2012	Depending on the ECU - level 8 or 36.					1				[#3]
256	Ford	Kuga		36	2008-2012	Depending on the ECU - level 8 or 36.					1				[#3]
257	Ford	Kuga		114	2012->										[#3]
258	Ford	Kuga		114	2017->										[#3]
259	Ford	Mondeo MK4	BA7	33	2007-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
260	Ford	Mondeo MK4	BA7	68	2007-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
261	Ford	Mondeo MK5		186	2014->						1				[#3]
262	Ford	Mustang	MK5	199	2010-2014						1	1	1		[#3]
263	Ford	Mustang	MK6	186	2015->						1				[#3]
264	Ford	Ranger		189	2011-2016										[#3]
265	Ford	Ranger		186	2016->						1				[#3]
266	Ford	S-Max		33	2006-2015	Depending on the ECU - level 33 or 68.	1	1							[#3]
267	Ford	S-Max		68	2006-2015	Depending on the ECU - level 33 or 68.	1	1							[#3]
268	Ford	S-Max		186	2015->						1				[#3]
269	Ford	Tourneo Connect		114	2013->										[#3]
270	Ford	Tourneo Courier		115	2013->	Version without Keyless Entry.					1				[#3]
271	Ford	Tourneo Courier		159	2013->	Version with Keyless Entry.					1				[#3]
272	Ford	Tourneo Custom		175	2012->						1				[#3]
273	Ford	Transit	8 gen.	175	2013->						1				[#3]
274	Ford	Transit		186	2017->						1				[#3]
275	Ford	Transit Connect		114	2013->	check installation diagram for proper level					1				[#3]
276	Ford	Transit Connect		207	2013->	check installation diagram for proper level					1				[#3]
277	Ford	Transit Courier		115	2013->	check installation diagram for proper level					1				[#3]
278	Ford	Transit Courier		159	2013->	check installation diagram for proper level					1				[#3]
279	Ford	Transit Courier		205	2013->	check installation diagram for proper level					1				[#3]
280	Ford	Transit Courier		206	2013->	check installation diagram for proper level					1				[#3]
281	Ford	Transit Custom		175	2012->	check installation diagram for proper level									[#3]
282	Ford	Transit Custom		186	2017->	check installation diagram for proper level					1				[#3]
283	Honda	Accord	7 gen.	29	2002-2008						1				[#3]
284	Honda	Accord	8 gen.	63	2008-2012		1	1				1	1		[#3]
285	Honda	Civic	8 gen.	31	2005-2011						1				[#3]
286	Honda	Civic	9 gen.	139	2011-2015						1	1	1		[#3]
287	Honda	Civic	10 gen.	139	2015-2017		1				1	1	1		[#3]
288	Honda	Civic		11 gen.	260	2017->					1	1			[#3]
289	Honda	City		31	2008-2013						1				[#3]
290	Honda	CR-V	3 gen.	31	2006-2012						1				[#3]
291	Honda	CR-V	4 gen.	139	2011-2015						1	1	1		[#3]
292	Honda	CR-V	4 gen.	139	2015-2017	After facelift. (FL)	1				1	1	1		[#3]
293	Honda	CR-Z		31	2010-2013						1				[#3]
294	Honda	Fit (JAPAN)		101	2008->						1				[#3]

* 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 pins 1/5, [#5] CAN1 pins 6/14, [#6] CAN1 pins 6/14, [#7] CAN1 pins 6/14, [#8] CAN1 pins 6/14, [#9] CAN1 pins 6/14, [#10] CAN1 pins 6/14, [#11] CAN1 pins 6/14, [#12] CAN1 pins 6/14, [#13] CAN1 pins 6/14, [#14] CAN1 pins 6/14, [#15] CAN1 pins 6/14, [#16] CAN1 pins 6/14, [#17] CAN1 pins 6/14, [#18] CAN1 pins 6/14, [#19] CAN1 pins 6/14, [#20] CAN1 pins 6/14, [#21] CAN1 pins 6/14, [#22] CAN1 pins 6/14, [#23] CAN1 pins 6/14, [#24] CAN1 pins 6/14, [#25] CAN1 pins 6/14, [#26] CAN1 pins 6/14, [#27] CAN1 pins 6/14, [#28] CAN1 pins 6/14, [#29] CAN1 pins 6/14, [#30] CAN1 pins 6/14, [#31] CAN1 pins 6/14, [#32] CAN1 pins 6/14, [#33] CAN1 pins 6/14, [#34] CAN1 pins 6/14, [#35] CAN1 pins 6/14, [#36] CAN1 pins 6/14, [#37] CAN1 pins 6/14, [#38] CAN1 pins 6/14, [#39] CAN1 pins 6/14, [#40] CAN1 pins 6/14, [#41] CAN1 pins 6/14, [#42] CAN1 pins 6/14, [#43] CAN1 pins 6/14, [#44] CAN1 pins 6/14, [#45] CAN1 pins 6/14, [#46] CAN1 pins 6/14, [#47] CAN1 pins 6/14, [#48] CAN1 pins 6/14, [#49] CAN1 pins 6/14, [#50] CAN1 pins 6/14, [#51] CAN1 pins 6/14, [#52] CAN1 pins 6/14, [#53] CAN1 pins 6/14, [#54] CAN1 pins 6/14, [#55] CAN1 pins 6/14, [#56] CAN1 pins 6/14, [#57] CAN1 pins 6/14, [#58] CAN1 pins 6/14, [#59] CAN1 pins 6/14, [#60] CAN1 pins 6/14, [#61] CAN1 pins 6/14, [#62] CAN1 pins 6/14, [#63] CAN1 pins 6/14, [#64] CAN1 pins 6/14, [#65] CAN1 pins 6/14, [#66] CAN1 pins 6/14, [#67] CAN1 pins 6/14, [#68] CAN1 pins 6/14, [#69] CAN1 pins 6/14, [#70] CAN1 pins 6/14, [#71] CAN1 pins 6/14, [#72] CAN1 pins 6/14, [#73] CAN1 pins 6/14, [#74] CAN1 pins 6/14, [#75] CAN1 pins 6/14, [#76] CAN1 pins 6/14, [#77] CAN1 pins 6/14, [#78] CAN1 pins 6/14, [#79] CAN1 pins 6/14, [#80] CAN1 pins 6/14, [#81] CAN1 pins 6/14, [#82] CAN1 pins 6/14, [#83] CAN1 pins 6/14, [#84] CAN1 pins 6/14, [#85] CAN1 pins 6/14, [#86] CAN1 pins 6/14, [#87] CAN1 pins 6/14, [#88] CAN1 pins 6/14, [#89] CAN1 pins 6/14, [#90] CAN1 pins 6/14, [#91] CAN1 pins 6/14, [#92] CAN1 pins 6/14, [#93] CAN1 pins 6/14, [#94] CAN1 pins 6/14, [#95] CAN1 pins 6/14, [#96] CAN1 pins 6/14, [#97] CAN1 pins 6/14, [#98] CAN1 pins 6/14, [#99] CAN1 pins 6/14, [#100] CAN1 pins 6/14, [#101] CAN1 pins 6/14, [#102] CAN1 pins 6/14, [#103] CAN1 pins 6/14, [#104] CAN1 pins 6/14, [#105] CAN1 pins 6/14, [#106] CAN1 pins 6/14, [#107] CAN1 pins 6/14, [#108] CAN1 pins 6/14, [#109] CAN1 pins 6/14, [#110] CAN1 pins 6/14, [#111] CAN1 pins 6/14, [#112] CAN1 pins 6/14, [#113] CAN1 pins 6/14, [#114] CAN1 pins 6/14, [#115] CAN1 pins 6/14, [#116] CAN1 pins 6/14, [#117] CAN1 pins 6/14, [#118] CAN1 pins 6/14, [#119] CAN1 pins 6/14, [#120] CAN1 pins 6/14, [#121] CAN1 pins 6/14, [#122] CAN1 pins 6/14, [#123] CAN1 pins 6/14, [#124] CAN1 pins 6/14, [#125] CAN1 pins 6/14, [#126] CAN1 pins 6/14, [#127] CAN1 pins 6/14, [#128] CAN1 pins 6/14, [#129] CAN1 pins 6/14, [#130] CAN1 pins 6/14, [#131] CAN1 pins 6/14, [#132] CAN1 pins 6/14, [#133] CAN1 pins 6/14, [#134] CAN1 pins 6/14, [#135] CAN1 pins 6/14, [#136] CAN1 pins 6/14, [#137] CAN1 pins 6/14, [#138] CAN1 pins 6/14, [#139] CAN1 pins 6/14, [#140] CAN1 pins 6/14, [#141] CAN1 pins 6/14, [#142] CAN1 pins 6/14, [#143] CAN1 pins 6/14, [#144] CAN1 pins 6/14, [#145] CAN1 pins 6/14, [#146] CAN1 pins 6/14, [#147] CAN1 pins 6/14, [#148] CAN1 pins 6/14, [#149] CAN1 pins 6/14, [#150] CAN1 pins 6/14, [#151] CAN1 pins 6/14, [#152] CAN1 pins 6/14, [#153] CAN1 pins 6/14, [#154] CAN1 pins 6/1

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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
295	Honda	HR-V		139	2014->										
296	Honda	Insight		31	2009-2014		1				1	1	1		
297	Honda	Jazz	2 gen.	31	2008-2015						1				
298	Honda	Jazz	3 gen.	139	2013->						1				
299	Honda	Odyssey	RB3	139	2008-2013		1				1	1	1		
300	Hyundai	i10	IB/BA	166	2013->						1	1			
301	Hyundai	i20	GB	166	2014->						1	1			
302	Hyundai	i20	GB	166	2018->	After facelift. (FL)					1	1			
303	Hyundai	i30	GD	94	2011-2017		1	1			1	1	1		[#2]
304	Hyundai	i40	VF	121	2011->	Version with Keyless Entry.	1	1	1		1	1	1		[#2]
305	Hyundai	i40	VF	122	2011->	Version without Keyless Entry.	1	1	1		1	1	1		[#2]
306	Hyundai	ix20		94	2010->		1	1			1	1	1		[#2]
307	Hyundai	ix35		94	2013->	After facelift. (FL)	1	1			1	1	1		[#2]
308	Hyundai	ix55		95	2009-2015						1	1			
309	Hyundai	Elantra	MD/UD	94	2010-2015		1	1			1	1	1		[#2]
310	Hyundai	Elantra	AD	176	2015-2019						1	1	1		
311	Hyundai	Elantra	AD	166	2019->	After facelift. (FL)					1	1			
312	Hyundai	Genesis Coupe		125	2008-2012		1	1							
313	Hyundai	Grandeur	TG	95	2005-2011								1		
314	Hyundai	H350		198	2014->						1	1			
315	Hyundai	Kona		245	2017->		1				1	1			
316	Hyundai	Santa Fe	DM/NC	184	2012-2018		1	1			1	1			
317	Hyundai	Tucson	TL	166	2015-2017						1	1			
318	Hyundai	Tucson	TL	166	2017->						1	1			
319	Hyundai	Veracruz		95	2007-2015								1		
320	Infiniti	FX35		58	2003-2008										[#1]
321	Infiniti	G37		102	2009-2013		1	1							[#1]
322	Infiniti	Q50		102	2013->		1	1							[#1]
323	Isuzu	M21		254	2018->									+	
324	Iveco	Daily IV		15	2006-2011										
325	Iveco	Daily V		69	2011-2014		1*	1*	1*				1		[#1]
326	Iveco	Daily VI		69	2014-2019								1		[#1]
327	Iveco	Daily VII		69	2019->								1		[#1]
328	Jaguar	F-Pace	X761	203	2016->						1	1			
329	Jaguar	F-Pace	X761	231	2017->						1	1			
330	Jaguar	XF		173	2008-2011						1	1			
331	Jaguar	XJ	X351	107	2009->						1			+	
332	Jaguar	XJL	X351	107	2009->						1			+	
333	Jeep	Cherokee	KL	193	2013->						1	1			
334	Jeep	Compass	MK49	28	2007-2017		1	1			1		1		
335	Jeep	Compass	MP	188	2017->		1	1			1				[#1]
336	Jeep	Grand Cherokee	WJ	225	1999-2004									+	
337	Jeep	Grand Cherokee	WK	28	2005-2010		1	1			1		1		
338	Jeep	Grand Cherokee	WK2	70	2010-2013		1	1			1		1		
339	Jeep	Grand Cherokee	WK2	190	2013->		1	1			1		1		
340	Jeep	Renegade		188	2014-2017						1				[#1]
341	Jeep	Renegade		188	2017->						1				[#1]
342	Jeep	Wrangler	JK	70	2007-2017		1	1			1	1			
343	Jeep	Wrangler	JL	244	2018->		1	1			1	1			
344	Kia	Carens	RP	219	2013->						1				
345	Kia	Carnival	VQ	22	2005-2010								1		
346	Kia	cee'd	JD	135	2012-2018		1				1	1	1		[#2]
347	Kia	Ceed	CD	245	2018->		1				1	1			
348	Kia	Niro	DE	216	2016->						1		1		[#2]
349	Kia	Opirus		23	2003-2010						1				
350	Kia	Optima	TF	187	2010-2015		1	1			1	1	1		[#2]
351	Kia	Optima	JF	166	2015->						1	1			
352	Kia	Picanto	JA	228	2017->						1	1			
353	Kia	Proceed		245	2018->		1				1				
354	Kia	Rio	UB	135	2011-2017		1				1	1	1		[#2]
355	Kia	Rio	YB	228	2017->						1	1			
356	Kia	Sorento	XM	108	2009-2015										[#2]
357	Kia	Sorento	XM	170	2012-2015	After facelift. (FL)							1	+	[#2]
358	Kia	Sorento	UM	166	2015->						1	1			
359	Kia	Soul	AM	136	2010-2012								1	+	[#2]
360	Kia	Soul	AM	170	2012-2014								1	+	[#2]
361	Kia	Soul	PS	166	2014->						1	1			
362	Kia	Sportage	SL	109	2010-2016		1				1	1			[#2]
363	Kia	Sportage	QL	166	2015->						1	1			
364	Kia	Stinger		216	2017->						1				[#2]
365	Kia	Stonic		228	2017->						1	1			
366	Lada	Kalina 2		181	2013->									+	[#1]
367	Lada	Granta		181	2011->									+	[#1]
368	Lada	Priora		181	2013->									+	[#1]
369	Lamborghini	Urus		214	2018->		1				1	1			
370	Land Rover	Discovery 3		80	2004-2009						1			+	
371	Land Rover	Discovery 4		107	2009-2013						1			+	
372	Land Rover	Discovery 4		203	2013-2016						1	1			
373	Land Rover	Discovery 5		231	2018->						1	1			
374	Land Rover	Range Rover Evoque		203	2011-2014						1	1			
375	Land Rover	Range Rover Evoque		203	2015->						1	1			
376	Land Rover	Range Rover Sport	L320	80	2003-2009						1			+	
377	Land Rover	Range Rover Sport	L320	107	2010-2013						1			+	
378	Lexus	GS	S190	60	2005-2012		1								
379	Lexus	GS		127	2012-2015		1	1	1						[#1]
380	Lexus	HS	ANF20	128	2009->		1	1	1		1	1			
381	Lexus	IS	XE20	124	2005-2013	With OEM alarm.						1			
382	Lexus	IS	XE30	127	2013->		1	1	1						[#1]
383	Lexus	NX	AZ10	127	2014->		1	1	1						
384	Lexus	RC	AVC10	127	2014->		1	1	1						
385	Lexus	RX	L10	128	2009-2015		1		1		1	1			
386	MAN	TGE		221	2017->		1				1	1			
387	Maserati	Ghibli		190	2013->		1	1			1	1			
388	Mazda	2	DE	103	2007-2014									+	[#1]
389	Mazda	2	DJ	138	2014->						1	1			[#1]
390	Mazda	3	BL	103	2009-2013								1	+	[#1]
391	Mazda	3	BM	138	2013->	Hatchback (2-button OEM remote)					1	1			[#1]
392	Mazda	3	BM	138	2013->	Sedan (3-button OEM remote)					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 pins 1/9, [#5] CAN1 pins 6/14, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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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
393	Mazda	5	CW	103	2010->										
394	Mazda	6	GH	45	2007-2012										
395	Mazda	6	GJ	138	2012-2015										
396	Mazda	6	GJ	138	2015->	After facelift. (FL)									
397	Mazda	CX-3	DK	138	2015->										
398	Mazda	CX-5	KE	138	2011->										
399	Mazda	CX-5	KE	138	2015->	After facelift. (FL)									
400	Mazda	CX-7		64	2007->										
401	Mazda	CX-9		96	2007->										
402	Mazda	MX-5	ND	138	2015->										
403	Mercedes	A	W169	91	2004-2012										
404	Mercedes	A	W176	39	2012-2018										
405	Mercedes	A	W177	261	2018->										
406	Mercedes	B	W245	91	2005-2011										
407	Mercedes	B	W246	39	2011->										
408	Mercedes	C	W203	93	2000-2007										
409	Mercedes	C	W204	39	2007-2014										
410	Mercedes	C	W205	182	2014->	if no door signal - use level 241									
411	Mercedes	C	W205	241	2014->										
412	Mercedes	Citan	W415	57	2012->										
413	Mercedes	Citan	W415	210	2012->										
414	Mercedes	CL	C215	27	1999-2006										
415	Mercedes	CL	C216	39	2006-2014										
416	Mercedes	CLA	C117	39	2013-2019										
417	Mercedes	CLA	C118	261	2019->										
418	Mercedes	CLK	C208	37	1997-2003	RF transmitter.									
419	Mercedes	CLK	C209	9	2002-2009										
420	Mercedes	CLS	C219	9	2004-2010										
421	Mercedes	CLS	C218	65	2010->										
422	Mercedes	E	A207	65	2009->										
423	Mercedes	E	C207	65	2009->										
424	Mercedes	E	W210	19	1995-1997	IR transmitter.									
425	Mercedes	E	W210	37	1997-2002	RF transmitter.									
426	Mercedes	E	W211	9	2002-2009										
427	Mercedes	E	W212	39	2009->										
428	Mercedes	E	W213	223	2016->	if no door signal - use level 242									
429	Mercedes	E	W213	242	2016->										
430	Mercedes	G	W463	93	2000->										
431	Mercedes	GL	X164	9	2006-2012										
432	Mercedes	GL	X166	39	2012-2016										
433	Mercedes	GLS	X166	39	2016->										
434	Mercedes	GLA	X156	39	2013->										
435	Mercedes	GLC	X205	182	2015->										
436	Mercedes	GLC	X253	182	2015->										
437	Mercedes	GLE Coupe	C292	39	2015->										
438	Mercedes	GLE Wagon	W166	39	2015->										
439	Mercedes	ML	W164	9	2005-2011										
440	Mercedes	ML	W166	39	2011-2015										
441	Mercedes	R	W251	9	2005-2013										
442	Mercedes	S	W220	27	1998-2003										
443	Mercedes	S	W220	27	2003-2005										
444	Mercedes	S	W221	39	2005-2013										
445	Mercedes	S	W222	182	2013->										
446	Mercedes	SL	R230	27	2001-2011										
447	Mercedes	SLK	R171	92	2004-2011										
448	Mercedes	SLS	C197	39	2010->										
449	Mercedes	Sprinter II	W906	16	2006-2013										
450	Mercedes	Sprinter II	W906	16	2013-2018										
451	Mercedes	Sprinter III	W907	240	2018->										
452	Mercedes	Sprinter III	W910	240	2018->										
453	Mercedes	V	W447	195	2014->										
454	Mercedes	Viano	W639	17	2003->										
455	Mercedes	Vito	W639	17	2003-2014										
456	Mercedes	Vito	W447	195	2014->										
457	Mercedes	X	W470	102	2017-2020	Version with Keyless Entry.									
458	MG	ZS		266	2017->										
459	Mini	Cabrio	F57	174	2016->										
460	Mini	Cooper	R56	13	2006-2013										
461	Mini	Countryman	R60	13	2010-2016										
462	Mini	Countryman	F60	174	2017->										
463	Mini	Coupe	R58	13	2012-2015										
464	Mini	Clubman	R55	13	2007-2014										
465	Mini	Clubman	F54	174	2015->										
466	Mini	Hardtop	F56	174	2013->										
467	Mini	Hatch	F55	174	2015->										
468	Mini	Paceman	R61	13	2013-2016										
469	Mini	Roadster	R59	13	2012-2015										
470	Mitsubishi	ASX		3 gen.	40	2010->									
471	Mitsubishi	ASX		3 gen.	40	2020->									
472	Mitsubishi	Eclipse Cross		151	2018->										
473	Mitsubishi	L200		177	2015->	Version with Keyless Entry									
474	Mitsubishi	L200		178	2015->	Version without Keyless Entry.									
475	Mitsubishi	Lancer		8 gen	40	2007-2011									
476	Mitsubishi	Lancer		8 gen	40	2011->									
477	Mitsubishi	Outlander		40	2006-2010										
478	Mitsubishi	Outlander		40	2010-2011										
479	Mitsubishi	Outlander		40	2011-2012										
480	Mitsubishi	Outlander		151	2012->										
481	Mitsubishi	Space Star		177	2013->	Version with Keyless Entry.									
482	Mitsubishi	Space Star		178	2013->	Version without Keyless Entry.									
483	Mitsubishi	Triton		177	2015->	Version with Keyless Entry									
484	Mitsubishi	Triton		178	2015->	Version without Keyless Entry.									
485	Nissan	370Z		59	2008->	Version with Keyless Entry.									
486	Nissan	Altima	L33	102	2012-2018										
487	Nissan	Cube	Z12	102	2008->										
488	Nissan	Interstar		87	2003-2010										
489	Nissan	Interstar		87	2003-2010										
490	Nissan	Juke	F15	42	2010->	Version without Keyless Entry.									

* 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 1/9, [#5] CAN1 pins 6/14, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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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
491	Nissan	Juke	F15	102	2010->	Version with Keyless Entry.	1	1							[#1]
492	Nissan	Juke	F15	102	2014->	Version with Keyless Entry.	1	1							[#1]
493	Nissan	Juke II		257	2019->						1				
494	Nissan	Leaf		220	2010->	Version with Keyless Entry.	1	1							[#1]
495	Nissan	Leaf		248	2017->								1		
496	Nissan	Micra	K12	41	2003-2010									+	[#1]
497	Nissan	Micra	K13	42	2010-2013									+	[#1]
498	Nissan	Micra	K13	42	2013-2016									+	[#1]
499	Nissan	Micra	K13	102	2013-2016	Version with Keyless Entry.	1	1						+	[#1]
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	+	[#1]
509	Nissan	NV200		210	2009->								1	+	[#1]
510	Nissan	NV200		258	2009->								1	+	[#1]
511	Nissan	NV250		57	2019->								1	+	[#1]
512	Nissan	NV250		210	2019->								1	+	[#1]
513	Nissan	Note		41	2006-2012								1	+	[#1]
514	Nissan	Note II		42	2012->								1	+	[#1]
515	Nissan	Note II		102	2012->	Version without Keyless Entry.	1	1					1	+	[#1]
516	Nissan	Pathfinder	R51	42	2005-2012	Version without Keyless Entry.							1	+	[#1]
517	Nissan	Pathfinder	R51	58	2005-2012	Version with Keyless Entry.							1	+	[#1]
518	Nissan	Pixo		81	2009->								1	+	[#1]
519	Nissan	Presage	U31	102	2006-2009		1	1					1	+	[#1]
520	Nissan	Primastar		87	2005->								1		[#2]
521	Nissan	Primastar		87	2005->								1		[#2]
522	Nissan	Pulsar		172	2014->						1				[#1]
523	Nissan	Qashqai	J10	58	2006-2010	Version with Keyless Entry.									[#1]
524	Nissan	Qashqai	J10	42	2010-2013	Version without Keyless Entry.								+	[#1]
525	Nissan	Qashqai	J10	58	2010-2013	Version with Keyless Entry. FL									[#1]
526	Nissan	Qashqai	J11	172	2013->						1				[#1]
527	Nissan	Qashqai		172	2017->						1				[#1]
528	Nissan	Qashqai +2	NJ10	42	2008-2010	Version without Keyless Entry.								+	[#1]
529	Nissan	Qashqai +2	NJ10	58	2008-2010	Version with Keyless Entry.								+	[#1]
530	Nissan	Qashqai +2	NJ10	42	2010->	Version without Keyless Entry. FL								+	[#1]
531	Nissan	Qashqai +2	NJ10	58	2010->	Version with Keyless Entry. FL								+	[#1]
532	Nissan	Serena		102	2005-2010		1	1							[#1]
533	Nissan	Tiida		41	2006-2011									+	[#1]
534	Nissan	Wingroad		102	2006->		1	1							[#1]
535	Nissan	X-trail	T31	42	2007-2014	Version without Keyless Entry.								+	[#1]
536	Nissan	X-trail	T31	58	2007-2014	Version with Keyless Entry.								+	[#1]
537	Nissan	X-trail	T32	172	2014-2017						1				[#1]
538	Opel	Adam		82	2012->	check installation diagram for proper level					1	1	1		[#4]
539	Opel	Adam		147	2012->	check installation diagram for proper level					1	1			[#4]
540	Opel	Adam		164	2014->	check installation diagram for proper level					1	1	1		[#4]
541	Opel	Antara		49	2007->										[#4]
542	Opel	Antara		160	2011->	Version with keyless entry OEM alarm					1				[#4]
543	Opel	Agila	B	44	2007-2015	Version with Keyless Entry.	1	1	1						[#1]
544	Opel	Agila	B	81	2007-2015	Version without Keyless Entry.	1	1	1					+	[#1]
545	Opel	Ampera		82	2011-2016						1	1	1		[#4]
546	Opel	Astra	H	18	2004-2009						1				[#4]
547	Opel	Astra	H	217	2004-2009	Cabrio with Keyless					1				[#4]
548	Opel	Astra	J	82	2009->	check installation diagram for proper level					1	1	1		[#4]
549	Opel	Astra	J	147	2009->	check installation diagram for proper level					1	1			[#4]
550	Opel	Astra	K	164	2014->	check installation diagram for proper level					1	1	1		[#4]
551	Opel	Cascada		82	2009->	check installation diagram for proper level					1	1	1		[#4]
552	Opel	Cascada		147	2009->	check installation diagram for proper level					1	1	1		[#4]
553	Opel	Cascada		164	2009->	check installation diagram for proper level					1	1	1		[#4]
554	Opel	Combo	D	14	2011-2018		1*	1*	1*						[#1]
555	Opel	Combo	D	69	2011-2018		1*	1*	1*						[#1]
556	Opel	Combo	E	144	2018->	check installation diagram for proper level					1	1			[#1]
557	Opel	Combo	E	218	2018->	check installation diagram for proper level					1	1			[#1]
558	Opel	Combo	E	226	2018->	check installation diagram for proper level								+	[#1]
559	Opel	Combo	E	263	2018->	check installation diagram for proper level								+	[#1]
560	Opel	Corsa	D	72	2006-2014	3 door						1			[#1]
561	Opel	Corsa	D	18	2006-2014	5 door						1			[#1]
562	Opel	Corsa	E	164	2014-2019	check installation diagram for proper level					1	1	1		[#4]
563	Opel	Corsa	F	218	2019->	check installation diagram for proper level					1	1			[#4]
564	Opel	Corsa	F	268	2019->	check installation diagram for proper level								+	[#4]
565	Opel	Crossland X		218	2017->	check installation diagram for proper level					1	1			[#4]
566	Opel	Crossland X		226	2017->	check installation diagram for proper level								+	[#4]
567	Opel	Crossland X		263	2017->	check installation diagram for proper level								+	[#4]
568	Opel	Grandland X		218	2017->	check installation diagram for proper level					1	1			[#4]
569	Opel	Grandland X		226	2017->	check installation diagram for proper level								+	[#4]
570	Opel	Grandland X		263	2017->	check installation diagram for proper level								+	[#4]
571	Opel	Insignia	A	82	2008-2013	check installation diagram for proper level					1	1	1		[#4]
572	Opel	Insignia	A	147	2008-2013	check installation diagram for proper level					1	1			[#4]
573	Opel	Insignia	A	164	2014-2017	check installation diagram for proper level					1	1	1		[#4]
574	Opel	Insignia	B	164	2017->						1	1	1		[#4]
575	Opel	Karl		164	2014->						1	1	1		[#4]
576	Opel	Meriva	B	116	2010->										[#4]
577	Opel	Mokka		82	2012->	check installation diagram for proper level					1	1	1		[#4]
578	Opel	Mokka		147	2012->	check installation diagram for proper level					1	1			[#4]
579	Opel	Mokka		164	2014->	check installation diagram for proper level					1	1	1		[#4]
580	Opel	Movano A		87	2003-2010										[#2]
581	Opel	Movano A		87	2003-2010										[#2]
582	Opel	Movano B		210	2010->								1	+	[#1]
583	Opel	Signum		18	2003-2008		1	1	1	1					[#1]
584	Opel	Vectra	C	141	2002-2009		1	1	1	1					[#1]
585	Opel	Vivaro		87	2005->										[#1]
586	Opel	Vivaro		87	2005->										[#1]
587	Opel	Vivaro		153	2014->		1	1							[#1]
588	Opel	Vivaro		267	2019->	only version with dea-dlock								+	[#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 pins 1/9, [#5] CAN1 pins 6/14, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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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
589	Opel	Zafira	B	18	2005-2011		1	1	1	1		1	1		
590	Opel	Zafira	C	82	2011->	check installation diagram for proper level					1	1	+		[#4]
591	Opel	Zafira	C	147	2011->	check installation diagram for proper level					1	1			[#4]
592	Opel	Zafira	C	164	2014->	check installation diagram for proper level					1	1	1		[#4]
593	Opel	Zafira Tourer	C	82	2011->	check installation diagram for proper level					1	1	1		[#4]
594	Opel	Zafira Tourer	C	147	2011->	check installation diagram for proper level					1	1	1		[#4]
595	Opel	Zafira Tourer	C	164	2014->	check installation diagram for proper level					1	1	1		[#4]
596	Peugeot	207		10	2006-2012	Enable OEM alarm function in BSI		1			1	1	1		
597	Peugeot	208		144	2012->	Version without Keyless Entry					1	1		+	
598	Peugeot	208		218	2019->	check installation diagram for proper level					1	1			
599	Peugeot	208		263	2019->	check installation diagram for proper level					1	1		+	
600	Peugeot	208-e		218	2019->	check installation diagram for proper level					1	1			
601	Peugeot	208-e		263	2019->	check installation diagram for proper level					1	1		+	
602	Peugeot	2008		144	2013->									+	
603	Peugeot	301		144	2012->									+	
604	Peugeot	307		10	2005-2008	Enable OEM alarm function in BSI		1			1	1	1		
605	Peugeot	308		10	2007-2013	Enable OEM alarm function in BSI		1			1	1	1		
606	Peugeot	308		144	2013->	Version without Keyless Entry					1	1	1	+	
607	Peugeot	308		165	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1		
608	Peugeot	3008		10	2009->	Enable OEM alarm function in BSI		1			1	1	1		
609	Peugeot	3008		218	2016->	check installation diagram for proper level					1	1			
610	Peugeot	3008		226	2016->	check installation diagram for proper level					1	1		+	
611	Peugeot	3008		263	2016->	check installation diagram for proper level					1	1		+	
612	Peugeot	407		11	2004-2011			1			1	1			
613	Peugeot	4007		40	2007-2011		1	1		1	1	1	1		
614	Peugeot	4007		40	2011-2012		1	1		1	1	1	1		
615	Peugeot	4008		40	2012->		1	1		1	1	1	1		
616	Peugeot	508		10	2010->	Enable OEM alarm function in BSI			1		1	1	1		
617	Peugeot	508		10	2010->	W/keyless,enable OEM alarm function in BSI			1		1	1	1		
618	Peugeot	508		218	2017->	check installation diagram for proper level					1	1			
619	Peugeot	508		263	2017->	check installation diagram for proper level					1	1		+	
620	Peugeot	5008		10	2009->	Enable OEM alarm function in BSI		1			1	1	1		
621	Peugeot	5008		218	2017->	Version with Keyless					1	1			
622	Peugeot	5008		218	2017->	check installation diagram for proper level					1	1			
623	Peugeot	5008		226	2017->	check installation diagram for proper level					1	1		+	
624	Peugeot	5008		263	2017->	check installation diagram for proper level					1	1		+	
625	Peugeot	Bipper		69	2008->		1*	1*	1*				1		[#1]
626	Peugeot	Boxer		15	2006-2011										
627	Peugeot	Boxer		69	2011->		1*	1*	1*				1		[#1]
628	Peugeot	Expert II		55	2007-2016	Enable OEM alarm function in BSI			1		1	1	1		
629	Peugeot	Expert III		144	2016->						1	1	1	+	
630	Peugeot	Partner	II	10	2008->	Enable OEM alarm function in BSI			1		1	1	1		
631	Peugeot	Partner	III	144	2018->	check installation diagram for proper level					1	1		+	
632	Peugeot	Partner	III	218	2018->	check installation diagram for proper level					1	1			
633	Peugeot	Partner	III	226	2018->	check installation diagram for proper level					1	1		+	
634	Peugeot	Partner	III	263	2018->	check installation diagram for proper level					1	1		+	
635	Peugeot	Rifter		144	2018->	check installation diagram for proper level					1	1		+	
636	Peugeot	Rifter		218	2018->	check installation diagram for proper level					1	1		+	
637	Peugeot	Rifter		226	2018->	check installation diagram for proper level					1	1		+	
638	Peugeot	Rifter		263	2018->	check installation diagram for proper level					1	1		+	
639	Peugeot	Traveller		144	2016->						1	1		+	
640	Porsche	911	997	66	2004-2012		1		1		1	1			
641	Porsche	911	991	106	2012->		1	1			1	1			
642	Porsche	Boxter	987	66	2004-2012				1		1	1			
643	Porsche	Cayenne	9PA	20	2002-2010		1	1	1	1	1	1			
644	Porsche	Cayenne	9PA	77	2002-2010		1	1	1	1	1	1			
645	Porsche	Cayenne	9PA	243	2002-2010	Single lock/unlock button on remote	1	1	1	1	1	1			
646	Porsche	Cayenne	92A	104	2010-2018	Keyless trunk DO NOT unlock all doors	1	1			1	1			
647	Porsche	Cayenne	92A	106	2010-2018	Keyless trunk unlocks all doors	1	1			1	1			
648	Porsche	Cayenne	9Y	214	2018->		1				1	1			
649	Porsche	Cayman	987	66	2006-2013				1		1	1			
650	Porsche	Cayman	981	106	2013-2016		1	1			1	1			
651	Porsche	Macan	95B	106	2014->		1	1			1	1			
652	Porsche	Panamera	104	2009->	Keyless trunk DO NOT unlock all doors		1	1			1	1			
653	Porsche	Panamera	106	2009-2016	Keyless trunk unlocks all doors		1	1			1	1			
654	Porsche	Panamera	214	2017->			1				1	1			
655	Renault	RENAULT BUS		87		Renault-bus without anti-hijack					1	1			
656	Renault	Captur		153	2013->		1	1					1		[#1]
657	Renault	Captur II		257	2019->						1				
658	Renault	Clio II		87	2001-2005										[#2]
659	Renault	Clio II		87	2001-2005										[#2]
660	Renault	Clio III GrandTour		51	2008-2012								1	+	[#1]
661	Renault	Clio III	R	51	2005-2012								1	+	[#1]
662	Renault	Clio IV	X98	153	2012->		1	1					1		[#1]
663	Renault	Clio V		257	2019->						1				
664	Renault	Espace IV	JK	25	2003-2014									+	[#1]
665	Renault	Espace V		194	2015-2019						1				[#1]
666	Renault	Espace V		257	2020->						1				
667	Renault	Fluence		50	2009->										[#1]
668	Renault	Grand Modus		51	2008-2012								1	+	[#1]
669	Renault	Grand Scenic II		194	2016->						1				
670	Renault	Kadjar		194	2015->						1				[#1]
671	Renault	Kangoo II	X61	57	2008->								1	+	[#1]
672	Renault	Kangoo II	X61	210	2008->								1	+	[#1]
673	Renault	Koleos II		194	2016->						1				[#1]
674	Renault	Laguna II Facelift	G	25	2005-2007	After facelift. (FL)								+	[#1]
675	Renault	Laguna III	T	50	2007->										[#1]
676	Renault	Latitude		50	2010->										[#1]
677	Renault	Master II		87	2003-2010										[#2]
678	Renault	Master II		87	2003-2010										[#2]
679	Renault	Master III		210	2010-2014								1	+	[#1]
680	Renault	Master III FL		210	2014-2020								1	+	[#1]
681	Renault	Master III FL2		210	2020->								1	+	[#1]
682	Renault	Megane II		87	2002-2009										[#2]
683	Renault	Megane II		87	2002-2009										[#2]
684	Renault	Megane II		209	2002-2009									+	[#1]
685	Renault	Megane III	B95	50	2008->										[#1]
686	Renault	Megane IV		194	2015->						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 1/8, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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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
687	Renault	Megane Generation	B95	50	2010->										[#1]
688	Renault	Megane GrandTour	B95	50	2009->										[#1]
689	Renault	Modus		51	2008-2012								1	+	[#1]
690	Renault	Scenic II		209	2004-2009									+	[#1]
691	Renault	Scenic III		50	2009->										[#1]
692	Renault	Scenic IV		194	2016->						1				
693	Renault	Talisman		194	2015->						1				
694	Renault	Traffic II		87	2005-2014										[#2]
695	Renault	Traffic II		87	2005-2014										[#2]
696	Renault	Traffic III		153	2014->		1	1					1		[#1]
697	Renault	Twingo III		153	2014->		1	1							[#1]
698	Renault	Zoe		50	2012->										
699	Renault	Zoe		237	2012->										
700	Saab	9-3 Face lift	YS3F	67	2003-2011										[#4]
701	Saab	9-5	YS3G	82	2010-2012										[#4]
702	Seat	Alhambra	7V	3	2009->		1	1		1	1	1	1		
703	Seat	Altea	5P	3	2004-2009		1	1	1	1	1	1	1		
704	Seat	Altea	5P	3	2008-2015		1	1		1	1	1	1		
705	Seat	Altea Freetrack		3	2007-2009		1	1	1	1	1	1	1		
706	Seat	Altea Freetrack		3	2008-2015		1	1		1	1	1	1		
707	Seat	Altea XL	5P	3	2006-2009		1	1	1	1	1	1	1		
708	Seat	Altea XL	5P	3	2008-2015		1	1		1	1	1	1		
709	Seat	Arona		214	2017->		1			1	1	1	1		
710	Seat	Ateca		214	2017->		1			1	1	1	1		
711	Seat	Cordoba	6L	4	2002-2009		1	1	1	1	1	1	1		
712	Seat	Exeo	3R	6	2008-2013		1	1	1	1	1	1	1		
713	Seat	Ibiza III	6L	4	2002-2008		1	1	1	1	1	1	1		
714	Seat	Ibiza IV	6J	73	2008-2015		1	1	1	1	1	1	1		
715	Seat	Ibiza IV FL	6J	214	2015->		1			1	1	1	1		
716	Seat	Leon I	1M	1	1999-2001										
717	Seat	Leon I	1M	2	2001-2005		1	1		1	1	1	1		
718	Seat	Leon II	1P	3	2005-2009		1	1	1	1	1	1	1		
719	Seat	Leon II	1P	3	2008-2012		1	1		1	1	1	1		
720	Seat	Leon III	5F	154	2012->		1			1	1	1	1		
721	Seat	Mii		73	2010->					1	1	1	1		
722	Seat	Toledo II	1M	1	1999-2001										
723	Seat	Toledo II	1M	2	2001-2004		1	1		1	1	1	1		
724	Seat	Toledo III	5P	3	2004-2009		1	1	1	1	1	1	1		
725	Seat	Toledo IV		73	2012->					1	1	1	1		
726	Skoda	Citigo		73	2012->					1	1	1	1		
727	Skoda	Fabia I	6Y	4	1999-2007		1	1	1	1	1	1	1		
728	Skoda	Fabia II	5J	4	2007-2010				1						
729	Skoda	Fabia II	5J	73	2010-2014	After facelift. (FL)									
730	Skoda	Fabia III	NJ	154	2014->		1			1	1	1	1		
731	Skoda	Kamiiq		214	2019->		1			1	1	1	1		
732	Skoda	Karoq		214	2017->		1			1	1	1	1		
733	Skoda	Kodiaq		214	2016->		1			1	1	1	1		
734	Skoda	Octavia I	1U	1	1996-2001										
735	Skoda	Octavia I	1U	2	2001-2010		1	1		1	1	1	1		
736	Skoda	Octavia II	1Z	3	2004-2009		1	1	1	1	1	1	1		
737	Skoda	Octavia II	1Z	3	2009-2012		1	1		1	1	1	1		
738	Skoda	Octavia III	5E	154	2012-2017	Version without Keyless Entry.	1			1	1	1	1		
739	Skoda	Octavia III	5E	154	2012-2017	Version with Keyless Entry.	1			1	1	1	1		
740	Skoda	Octavia III FL		214	2017-2020	After facelift. (FL)	1			1	1	1	1		
741	Skoda	Octavia IV		262	2020->		1			1	1	1	1		
742	Skoda	Rapid		73	2012-2015	After facelift. (FL)				1	1	1	1		
743	Skoda	Rapid		214	2015->		1			1	1	1	1		
744	Skoda	Roomster	5J	4	2006-2010				1						
745	Skoda	Roomster	5J	73	2010->	After facelift. (FL)									
746	Skoda	Scala		214	2018->		1			1	1	1	1		
747	Skoda	Superb I	3U	2	2001-2008		1	1		1	1	1	1		
748	Skoda	Superb II	3T	3	2008-2015		1			1	1	1	1		
749	Skoda	Superb III	3V	214	2015->		1			1	1	1	1		
750	Skoda	Yeti		3	2009->		1	1		1	1	1	1		
751	Smart	ForTwo	W453	153	2014->		1	1							[#1]
752	Smart	ForFour		86	2004-2006	Lin-bus									
753	Subaru	BRZ		143	2012->				1						[#1]
754	Subaru	Forester	SH	61	2008-2013	Version without Keyless Entry.	1	1						+	[#1]
755	Subaru	Forester	SH	75	2008-2013	Version with Keyless Entry.	1	1						+	[#1]
756	Subaru	Forester	SJ	161	2013-2016	Version with Keyless Entry.	1	1						+	[#1]
757	Subaru	Forester	SJ	161	2016-2017		1	1						+	[#1]
758	Subaru	Forester	SJ	161	2018-2019		1	1						+	[#1]
759	Subaru	Impreza	GR	61	2007-2012	Version without Keyless Entry.	1	1						+	[#1]
760	Subaru	Impreza	GR	75	2007-2012	Version with Keyless Entry.	1	1						+	[#1]
761	Subaru	Impreza		274	2012-2017		1	1	1	1					
762	Subaru	Impreza		161	2017->		1	1							[#1]
763	Subaru	Legacy	BP	75	2006-2009	Estate	1	1						+	[#1]
764	Subaru	Legacy	BL	78	2006-2009	Sedan	1	1						+	[#1]
765	Subaru	Legacy		75	2009-2014	Estate	1	1						+	[#1]
766	Subaru	Legacy		78	2009-2014	Sedan	1	1						+	[#1]
767	Subaru	Outback		75	2003-2009	Estate	1	1						+	[#1]
768	Subaru	Outback		78	2003-2009	Sedan	1	1						+	[#1]
769	Subaru	Outback	BR	239	2010-2013	Version without Keyless Entry.	1	1			1	1		+	[#1]
770	Subaru	Outback	BR	83	2010-2013	Version with Keyless Entry.	1	1						+	[#1]
771	Subaru	Outback	BR	162	2013-2015	With/without keyless	1	1			1	1		+	[#1]
772	Subaru	Outback	BS	161	2015-2017		1	1						+	[#1]
773	Subaru	Outback	BS	161	2017->		1	1						+	[#1]
774	Subaru	XV		229	2011->	Version without Keyless Entry.								+	[#1]
775	Subaru	XV		161	2015->	Version with Keyless Entry.	1	1						+	[#1]
776	Suzuki	Alto		81	2009->									+	[#1]
777	Suzuki	Baleno		163	2015->									+	[#1]
778	Suzuki	Celerio		81	2014->									+	[#1]
779	Suzuki	Grand Vitara III		44	2005-2009	Version with Keyless Entry.	1	1	1					+	[#1]
780	Suzuki	Grand Vitara III		81	2005-2009	Version without Keyless Entry.	1	1	1					+	[#1]
781	Suzuki	Ignis		163	2016->									+	[#1]
782	Suzuki	Jimny		163	2018->									+	[#1]
783	Suzuki	Splash		44	2008-2014	Version with Keyless Entry.	1	1	1					+	[#1]
784	Suzuki	Splash		81	2008-2014	Version without Keyless Entry.	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 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
785	Suzuki	Swift		44	2010-2017	Version with Keyless Entry.										[#1]
786	Suzuki	Swift	JP 3gen/5gen	81	2010-2017											[#1]
787	Suzuki	Swift	JP 4gen/6gen	163	2017->											[#1]
788	Suzuki	SX4		44	2006-2013	Version with Keyless Entry.	1	1	1							[#1]
789	Suzuki	SX4		81	2006-2013	Version without Keyless Entry.	1	1	1							[#1]
790	Suzuki	SX4		163	2013->		1	1	1							[#1]
791	Suzuki	Vitara		163	2015->		1	1	1							[#1]
792	Tesla	S		250	2012->							1+2	1+2	1+2		[#1]
793	Toyota	GT86	ZN6	142	2012->					1						[#1]
794	Toyota	Alphard	12	97	2008->		1	1	1			1				[#1]
795	Toyota	Aurion	NZT26	97	2007->		1	1	1			1				[#1]
796	Toyota	Auris	E15	97	2006-2012		1	1	1			1				[#1]
797	Toyota	Auris	E18	127	2012->		1	1	1			1				[#6]
798	Toyota	Avensis	T27	32	2009-2012		1	1	1			1				[#1]
799	Toyota	Avensis	T27	212	2012->	After facelift. (FL)	1	1	1			1				[#6]
800	Toyota	Aygo	AB40	213	2014->										+	[#6]
801	Toyota	Aygo	AB10	100	2006->		1	1	1			1				[#1]
802	Toyota	Blade	AZE15	97	2006->		1	1	1			1				[#1]
803	Toyota	C-HR		208	2016->		1	1	1			1				[#1]
804	Toyota	Camry	XV40	97	2006-2011		1	1	1			1				[#1]
805	Toyota	Camry	XV50	127	2011-2019		1	1	1			1				[#1]
806	Toyota	Camry	XV70	127	2017->		1	1	1			1				[#1]
807	Toyota	Corolla	E150	97	2006-2013		1	1	1			1				[#1]
808	Toyota	Corolla	E160	127	2012->		1	1	1			1				[#1]
809	Toyota	Corolla	E170	127	2013->		1	1	1			1				[#6]
810	Toyota	Corolla	E210	127	2018->		1	1	1			1				[#6]
811	Toyota	Corolla Axio	14	97	2006->		1	1	1			1				[#1]
812	Toyota	Corolla Fielder	14	97	2006->		1	1	1			1				[#1]
813	Toyota	Corolla Rumion	15	97	2007->		1	1	1			1				[#1]
814	Toyota	Crown	S200	100	2008-2012		1	1	1			1				[#1]
815	Toyota	Crown Hybrid	GWS20	100	2008->		1	1	1			1				[#1]
816	Toyota	Crown Majesta	S20	100	2008->		1	1	1			1				[#1]
817	Toyota	Estima	5	97	2006->		1	1	1			1				[#1]
818	Toyota	Estima Hybrid	AHR20	97	2006->		1	1	1			1				[#1]
819	Toyota	HiLux	AN120	127	2015->											[#1]
820	Toyota	HiLux	AN120	227	2015->										+	[#1]
821	Toyota	Ist	NCP1	99	2007->		1	1	1			1				[#1]
822	Toyota	iQ	KGJ10	100	2008-2014		1	1	1			1				[#1]
823	Toyota	Land Cruiser	J200	98	2007-2017		1	1	1			1				[#1]
824	Toyota	Land Cruiser	J200	208	2018->		1	1	1			1				[#1]
825	Toyota	Land Cruiser Prado	J150	99	2009->		1	1	1			1				[#1]
826	Toyota	Mark X	x13	100	2009->		1	1	1			1				[#1]
827	Toyota	Mark X Zio	1	97	2007->		1	1	1			1				[#1]
828	Toyota	Noah	7	97	2007->		1	1	1			1				[#1]
829	Toyota	Premio	26	97	2007->		1	1	1			1				[#1]
830	Toyota	Prius	ZVW3#	97	2009-2016		1	1	1			1				[#1]
831	Toyota	Prius	ZVW3#	105	2009-2016		1	1	1			1				[#1]
832	Toyota	Prius	ZVW5#	208	2016->		1	1	1			1				[#1]
833	Toyota	ProAce		145	2016->										+	[#1]
834	Toyota	ProAce City		144	2020->	check installation diagram for proper level									+	[#1]
835	Toyota	ProAce City		218	2020->	check installation diagram for proper level						1		1		[#1]
836	Toyota	ProAce City		226	2020->	check installation diagram for proper level									+	[#1]
837	Toyota	ProAce City		263	2020->	check installation diagram for proper level									+	[#1]
838	Toyota	RAV4	ACA3	32	2005-2009		1	1	1			1				[#1]
839	Toyota	RAV4	ACA3	32	2009-2013		1	1	1			1				[#1]
840	Toyota	RAV4	XA40	127	2013-2016		1	1	1			1				[#1]
841	Toyota	RAV4	XA40	127	2016-2019	CAN-bus OBD connection is not allowed	1	1	1			1				[#1]
842	Toyota	RAV4	XA50	127	2019->		1	1	1			1				[#1]
843	Toyota	Sai	AZK10	100	2009->		1	1	1			1				[#1]
844	Toyota	Supra		211	2019->		1	1	1			1				[#1]
845	Toyota	Urban Cruiser		32	2009->		1	1	1			1				[#1]
846	Toyota	Vanguard	14	32	2006->		1	1	1			1				[#1]
847	Toyota	Vanguard	14	97	2006->		1	1	1			1				[#1]
848	Toyota	Vellfire	12	97	2008->		1	1	1			1				[#1]
849	Toyota	Verso		48	2009->		1	1	1			1				[#1]
850	Toyota	Verso		212	2013->		1	1	1			1				[#6]
851	Toyota	Vitz	P9	32	2008->		1	1	1			1				[#1]
852	Toyota	Voxy	7	97	2007->		1	1	1			1				[#1]
853	Toyota	Wish	E2	97	2009->		1	1	1			1				[#1]
854	Toyota	Yaris	XP9	48	2006-2011		1	1	1			1				[#1]
855	Toyota	Yaris	XP13	127	2011->		1	1	1			1				[#6]
856	Toyota	Yaris	XP13	192	2011->	With deadlock	1	1	1			1				[#6]
857	Toyota	Yaris	XP210	208	2020->		1	1	1			1				[#6]
858	Volkswagen	Amarok		73	2010->							1		1		[#1]
859	Volkswagen	Arteon		214	2017->		1					1		1		[#1]
860	Volkswagen	Bora	1J	1	1998-2001											[#1]
861	Volkswagen	Bora	1J	2	2001-2005		1	1	1	1		1		1		[#1]
862	Volkswagen	Caddy	2K	3	2004-2010		1	1	1	1		1		1		[#1]
863	Volkswagen	Caddy	2K	3	2010-2015		1	1	1	1		1		1		[#1]
864	Volkswagen	Caddy	2K	3	2015->		1	1	1	1		1		1		[#1]
865	Volkswagen	Caravelle	T5	4	2003-2010		1	1	1	1		1		1		[#1]
866	Volkswagen	Caravelle	T5GP	73	2010-214							1		1		[#1]
867	Volkswagen	Caravelle	T6	73	2014->							1		1		[#1]
868	Volkswagen	Caravelle	T6.1	221	2019->							1		1		[#1]
869	Volkswagen	CC	3C	3	2012->		1	1	1	1		1		1		[#1]
870	Volkswagen	Crafter		16	2006-2017		1	1	1	1		1		1		[#1]
871	Volkswagen	Crafter		221	2017->		1	1	1	1		1		1		[#1]
872	Volkswagen	Eos	1F	3	2006-2010		1	1	1	1		1		1		[#1]
873	Volkswagen	Eos	1F	3	2010->		1	1	1	1		1		1		[#1]
874	Volkswagen	Golf IV	1J	1	1997-2001											[#1]
875	Volkswagen	Golf IV	1J	2	2001-2003		1	1	1	1		1				[#1]
876	Volkswagen	Golf IV	1J	238	2001-2003											[#1]
877	Volkswagen	Golf V	1K	3	2003-2009		1	1	1	1		1		1		[#1]
878	Volkswagen	Golf VI	1K	3	2008-2012		1	1	1	1		1		1		[#1]
879	Volkswagen	Golf VI	1K	129	2008-2012	Door lock control w/o dead lock	1	1	1	1		1		1		[#1]
880	Volkswagen	Golf VII	AU	154	2012->	Version with Keyless Entry.	1	1	1	1		1		1		[#1]
881	Volkswagen	Golf VII	AU	154	2012->	Version without Keyless Entry.	1	1	1	1		1		1		[#1]
882	Volkswagen	Golf VII eGolf		249	2012->		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

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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
883	Volkswagen	Golf Plus	1K	3	2005-2009		1	1	1	1	1	1	1	1	
884	Volkswagen	Golf Plus	1K	3	2009->		1	1	1	1	1	1	1	1	
885	Volkswagen	ID.3		262	2020->		1	1	1	1	1	1	1	1	
886	Volkswagen	Jetta V	1K	3	2005-2009		1	1	1	1	1	1	1	1	
887	Volkswagen	Jetta V	1K	3	2008-2010		1	1	1	1	1	1	1	1	
888	Volkswagen	Jetta VI	1B	3	2010->		1	1	1	1	1	1	1	1	
889	Volkswagen	Multivan	T5	4	2003-2010		1	1	1	1	1	1	1	1	
890	Volkswagen	Multivan	T5GP	73	2010-2014		1	1	1	1	1	1	1	1	
891	Volkswagen	Multivan	T6	73	2014->		1	1	1	1	1	1	1	1	
892	Volkswagen	Multivan	T6.1	221	2019->		1	1	1	1	1	1	1	1	
893	Volkswagen	New Beetle	1C1Y9C	1	1997-2001		1	1	1	1	1	1	1	1	
894	Volkswagen	New Beetle	1C1Y9C	2	2001-2011	If no CAN in comfort module use level 238	1	1	1	1	1	1	1	1	
895	Volkswagen	New Beetle	1C1Y9C	238	2001-2011		1	1	1	1	1	1	1	1	
896	Volkswagen	Passat B5	3B	1	1996-2000		1	1	1	1	1	1	1	1	
897	Volkswagen	Passat B5GP	3B	2	2000-2005		1	1	1	1	1	1	1	1	
898	Volkswagen	Passat B6	3C	3	2005-2009		1	1	1	1	1	1	1	1	
899	Volkswagen	Passat B6	3C	3	2008-2010		1	1	1	1	1	1	1	1	
900	Volkswagen	Passat B6	3C	129	2005-2009	Door lock control w/o dead lock	1	1	1	1	1	1	1	1	
901	Volkswagen	Passat B6	3C	129	2008-2010	Door lock control w/o dead lock	1	1	1	1	1	1	1	1	
902	Volkswagen	Passat B7	3C	3	2010-2015		1	1	1	1	1	1	1	1	
903	Volkswagen	Passat B8	B8	214	2015->		1	1	1	1	1	1	1	1	
904	Volkswagen	Passat CC	3C	3	2008->		1	1	1	1	1	1	1	1	
905	Volkswagen	Polo	9N	4	2001-2005		1	1	1	1	1	1	1	1	
906	Volkswagen	Polo	9N3	4	2005-2009	After facelift. (FL)	1	1	1	1	1	1	1	1	
907	Volkswagen	Polo	6R	73	2009-2014		1	1	1	1	1	1	1	1	
908	Volkswagen	Polo	6C	154	2014-2018		1	1	1	1	1	1	1	1	
909	Volkswagen	Polo	AW	214	2018->		1	1	1	1	1	1	1	1	
910	Volkswagen	Scirocco	13	3	2008->		1	1	1	1	1	1	1	1	
911	Volkswagen	Sharan	7N	3	2010->		1	1	1	1	1	1	1	1	
912	Volkswagen	Phaeton	3D	20	2002->	If the doors are not detected set parameter 77	1	1	1	1	1	1	1	1	
913	Volkswagen	Phaeton	3D	77	2002->		1	1	1	1	1	1	1	1	
914	Volkswagen	T-Cross		214	2018->		1	1	1	1	1	1	1	1	
915	Volkswagen	T-Roc		214	2017->		1	1	1	1	1	1	1	1	
916	Volkswagen	Touareg	7L	20	2002-2010	If the doors are not detected set parameter 77	1	1	1	1	1	1	1	1	
917	Volkswagen	Touareg	7L	77	2002-2010		1	1	1	1	1	1	1	1	
918	Volkswagen	Touareg	7P5	104	2010->	Keyless trunk DO NOT unlock all doors	1	1	1	1	1	1	1	1	
919	Volkswagen	Touareg	7P5	106	2010->	Keyless trunk unlocks all doors	1	1	1	1	1	1	1	1	
920	Volkswagen	Touareg		214	2016->		1	1	1	1	1	1	1	1	
921	Volkswagen	Tiguan	5N	3	2007-2009		1	1	1	1	1	1	1	1	
922	Volkswagen	Tiguan	5N	3	2008-2011		1	1	1	1	1	1	1	1	
923	Volkswagen	Tiguan	5N	3	2011-2016		1	1	1	1	1	1	1	1	
924	Volkswagen	Tiguan		214	2016->		1	1	1	1	1	1	1	1	
925	Volkswagen	Tiguan Allspace		214	2017->		1	1	1	1	1	1	1	1	
926	Volkswagen	Touran	1T	3	2003-2006		1	1	1	1	1	1	1	1	
927	Volkswagen	Touran (GP)	1T	3	2006-2010		1	1	1	1	1	1	1	1	
928	Volkswagen	Touran (GP2)	1T	3	2010->		1	1	1	1	1	1	1	1	
929	Volkswagen	Touran	5T	214	2015->		1	1	1	1	1	1	1	1	
930	Volkswagen	Transporter	T5	4	2003-2010		1	1	1	1	1	1	1	1	
931	Volkswagen	Transporter	T5GP	73	2010-2014		1	1	1	1	1	1	1	1	
932	Volkswagen	Transporter	T6	73	2014->		1	1	1	1	1	1	1	1	
933	Volkswagen	Transporter	T6.1	221	2019->		1	1	1	1	1	1	1	1	
934	Volkswagen	Up		73	2011->		1	1	1	1	1	1	1	1	
935	Volkswagen	Vento	6C	154	2014->		1	1	1	1	1	1	1	1	
936	Volvo	C30		157	2006-2012	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
937	Volvo	S40	M	26	2004-2012	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
938	Volvo	S60	P24	76	2000-2004	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
939	Volvo	S60	P24	38	2004-2009	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
940	Volvo	S60	P24	21	2004-2009	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
941	Volvo	S60	Y20	155	2010-2018	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
942	Volvo	S60	Y20	156	2010-2018	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
943	Volvo	S60		230	2018->		1	1	1	1	1	1	1	1	
944	Volvo	S80	TS	24	2001-2005	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
945	Volvo	S80	TS	35	2001-2005	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
946	Volvo	S80	TS	21	2005-2009	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
947	Volvo	S80	AS	90	2009-2012	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
948	Volvo	S80 Facelift	AS	156	2012->	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
949	Volvo	S90		230	2016->		1	1	1	1	1	1	1	1	
950	Volvo	V40		185	2012->		1	1	1	1	1	1	1	1	
951	Volvo	V50	M	26	2004-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
952	Volvo	V50	M	157	2007-2012	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
953	Volvo	V60		155	2010-2018	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
954	Volvo	V60		230	2018->		1	1	1	1	1	1	1	1	
955	Volvo	V70	P26	56	2000-2004	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
956	Volvo	V70	24	21	2005-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
957	Volvo	V70	24	35	2005-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
958	Volvo	V70	24	38	2005-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
959	Volvo	V70	24	90	2007-2013	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
960	Volvo	V70		156	2013->	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
961	Volvo	V90		230	2016->		1	1	1	1	1	1	1	1	
962	Volvo	XC60	Y20	90	2008-2013	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
963	Volvo	XC60	Y20	155	2013-2017	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
964	Volvo	XC60	Y20	156	2013-2017	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
965	Volvo	XC60	SPA	230	2017->		1	1	1	1	1	1	1	1	
966	Volvo	XC70	P2	24	2000-2004	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
967	Volvo	XC70	P2	35	2000-2004	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
968	Volvo	XC70	P2	21	2004-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
969	Volvo	XC70	P2	35	2004-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
970	Volvo	XC70	P24	90	2007-2013	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
971	Volvo	XC70		156	2013-2016	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
972	Volvo	XC90	C	34	2002-2005	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
973	Volvo	XC90	C	35	2002-2005	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
974	Volvo	XC90	C	56	2002-2005	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
975	Volvo	XC90	C	21	2005-2007	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
976	Volvo	XC90	C	90	2007-2012	If does not work use other Volvo levels	1	1	1	1	1	1	1	1	
977	Volvo	XC90	C	155	2012-2013		1	1	1	1	1	1	1	1	
978	Volvo	XC90		230	2015->		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 pins 1/9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015