LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
1	Acura	TSX		29		2004-2008						1	1	1	1						
2	Alfa Romeo	159		30		2005-2010						1	1	1					[#5]		
3	Alfa Romeo	Brera		30		2005-2010						1	1	1					[#5]		
4	Alfa Romeo	Giulia		188		2017->		1	1			1	1	1	1				[#1]	1	1
5	Alfa Romeo	Giulietta		14		2010->		1*	1*	1*		1	1	1			1		[#5]	1	1
6	Alfa Romeo	MiTo		14		2008->		1*	1*	1*		1	1	1			1		[#5]	1	1
7	Alfa Romeo	Stelvio		188		2017->		1	1			1	1	1	1				[#1]	1	1
8	Aston Martin	Vantage		247		2005-2011						1	1	1	1	1					
9	Audi	A1	8X	3	110	2010->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
10	Audi	A2	8Z	6	110	1999-2005		1	1			1	1	1	1	1				1	1
11	Audi	A3	8P	3	110	2003-2008		1		1	1	1+2	1	1	1	1	1			1+2	1+2
12	Audi	A3	8P	3	110	2008-2012		1			1	1+2	1	1	1	1	1			1+2	1+2
13	Audi	A3	8V	154		2012->		1				1	1	1	1	1	1			1	1
14	Audi	A4	8E	6	110	2000-2006		1	1	1		1	1	1	1	1				1	1
15	Audi	A4	8E	6	110	2004-2008	After facelift. (FL)	1	1	1		1	1	1	1	1				1	1
16	Audi	A4	8K	47		2008-2015		1	1	1		1	1	1	1	1				1	1
17	Audi	A4	8W	214		2015->		1				1	1	1	1	1				1	1
18	Audi	A5	8T	47		2007-2016		1	1	1		1	1	1	1	1				1	1
19	Audi	A5	F5	214		2017->		1				1	1	1	1	1				1	1
20	Audi	A6	4B		110	1997-2004						2								2	2
21	Audi	A6	4F	7		2004-2011		1	1	1	1	1	1	1	1	1	1			1	1
22	Audi	A6	4G	104		2011->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
23	Audi	A6	4G	106		2011-2018	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
24	Audi	A7	4G8	104		2010->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
25	Audi	A7	4G8	106		2010-2017	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
26	Audi	A8	4E	7		2002-2009		1	1	1		1	1	1	1	1	1			1	1
27	Audi	A8	4H	104		2009->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
28	Audi	A8	4H	106		2009-2017	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
29	Audi	Q3	8U	3	110	2011->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
30	Audi	Q5	8R	47		2008-2017		1	1	1		1	1	1	1	1				1	1
31	Audi	Q5	80A	214		2017->		1		1		1	1	1	1	1				1	1
32	Audi	Q7	4L	7		2005-2015		1	1	1	1	1	1	1	1	1	1			1	1
33	Audi	Q7	4M	214		2015->		1		1		1	1	1	1	1				1	1
34	Audi	Q8		214		2018->		1		1		1	1	1	1	1				1	1
35	Audi	R8	42	3	110	2007->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
36	Audi	TT	8N	3	110	1998-2006		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
37	Audi	TT	8J	3	110	2006-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
38	Audi	TT	8J	3	110	2008-2014		1	1		1	1+2	1	1	1	1	1			1+2	1+2
39	Bell	B30D			88																2
40	Bentley	Bentayga		214		2016->		1				1	1	1	1	1				1	1
41	BMW	1	E81	13		2007-2012		1	1	1	1	1	1	1	1	1				1	1
42	BMW	1	E82	13		2007->		1	1	1	1	1	1	1	1	1				1	1
43	BMW	1	E87	13		2004-2011		1	1	1	1	1	1	1	1	1				1	1
44	BMW	1	E88	13		2007-2011		1	1	1	1	1	1	1	1	1				1	1
45	BMW	1	F20	13		2011->		1	1	1	1	1	1	1	1	1				1	1
46	BMW	1	F21	13		2011->		1	1	1	1	1	1	1	1	1				1	1
47	BMW	2	F22	13		2013->						1	1	1	1					1	1
48	BMW	2	F22	174		2014->		1				1	1	1	1					1	1
49	BMW	2	F45	174		2013->		1				1	1	1	1					1	1
50	BMW	2	F46	174		2014->		1				1	1	1	1					1	1
51	BMW	3	E46			1998-2005	Dedicated K-bus in BMW vehicles					3	3	3							
52	BMW	3	E90	13		2005-2011		1	1	1	1	1	1	1	1	1				1	1
53	BMW	3	F30	158		2012-2014						1	1	1	1	1				1	1
54	BMW	3	F30	174		2014->		1				1	1	1	1					1	1
55	BMW	3	F31	158		2012-2014						1	1	1	1	1				1	1
56	BMW	3	F31	174		2014->		1				1	1	1	1					1	1
57	BMW	3	F35	158		2012-2014						1	1	1	1	1				1	1
58	BMW	3	F35	174		2014->		1				1	1	1	1					1	1
59	BMW	3	G20	211		2019->		1				1	1	1	1	1				1	1
60	BMW	3 GT	F34	13		2013->		1	1	1	1	1	1	1						1	1
61	BMW	3 GT	F34	174		2014->		1				1	1	1	1					1	1
62	BMW	4	F32	174		2013->		1				1	1	1	1					1	1
63	BMW	4	F33	174		2013->		1				1	1	1	1					1	1
64	BMW	4	F36	174		2013->		1				1	1	1	1					1	1
65	BMW	5	E39			1995-2000	Dedicated K-bus in BMW vehicles					3	3	3							
66	BMW	5	E39			2000-2003	Dedicated K-bus in BMW vehicles					3	3	3							
67	BMW	5	E60	13		2003-2010		1	1	1	1	1	1	1	1	1				1	1
68	BMW	5	F10	13		2010->		1	1	1	1	1	1	1	1	1				1	1
69	BMW	5	F11	13		2010->		1	1	1	1	1	1	1	1	1				1	1
70	BMW	5	G30	211		2017->		1				1	1	1	1	1				1	1
71	BMW	5	G31	211		2017->		1				1	1	1	1	1				1	1
72	BMW	5	G38	211		2017->		1				1	1	1	1	1				1	1
73	BMW	5 GT	F07	13		2009->		1	1	1	1	1	1	1	1	1				1	1
74	BMW	6	E63	13		2003-2010		1	1	1	1	1	1	1	1	1				1	1
75	BMW	6	E64	13		2003-2010		1	1	1	1	1	1	1	1	1				1	1
76	BMW	6	F12	13		2011->		1	1	1	1	1	1	1	1	1				1	1
77	BMW	6	F13	13		2011->		1	1	1	1	1	1	1	1	1				1	1
78	BMW	6	G32	211		2017->		1				1	1	1	1	1				1	1
79	BMW	7	E65	13		2001-2008		1	1	1	1	1	1	1	1	1				1	1
80	BMW	7	E66	13		2001-2008		1	1	1	1	1	1	1	1	1				1	1
81	BMW	7	E67	13		2001-2008		1	1	1	1	1	1	1	1	1				1	1
82	BMW	7	E68	13		2001-2008		1	1	1	1	1	1	1	1	1				1	1
83	BMW	7	F01	13		2008->		1	1	1	1	1	1	1	1	1				1	1
84	BMW	7	F02	13		2008->		1	1	1	1	1	1	1	1	1				1	1
85	BMW	7	F04	13		2010->		1	1	1	1	1	1	1	1	1				1	1
86	BMW	7	G11	211		2015->		1				1	1	1	1	1				1	1
87	BMW	7	G12	211		2015->		1				1	1	1	1	1				1	1
88	BMW	8	G14	211		2018->		1				1	1	1	1	1				1	1
89	BMW	8	G15	211		2018->		1				1	1	1	1	1				1	1
90	BMW	8	G16	211		2018->		1				1	1	1	1	1				1	1
91	BMW	i3	I01	174		2013->		1				1	1	1	1	1	1			1	
92	BMW	i8	I12	174		2013->		1				1	1	1	1					1	
93	BMW	X1	E84	13		2009-2015		1	1	1	1	1	1	1	1	1				1	1
94	BMW	X1	F48	174		2015->		1				1	1	1	1					1	1
95	BMW	X1	F49	174		2015->		1				1	1	1	1					1	1
96	BMW	X2	F39	174		2018->		1				1	1	1	1					1	1
97	BMW	X3	E83			2003-2010	Dedicated K-bus in BMW vehicles					3	3	3							
98	BMW	X3	F25	13		2010->		1	1	1	1	1	1	1	1	1				1	1
99	BMW	X3	G01	211		2017->		1				1	1	1	1	1				1	1
100	BMW	X4	F26	13		2014-2018		1	1	1	1	1	1	1	1	1				1	1
101	BMW	X4	G02	211		2018->		1				1	1	1	1	1				1	1
102	BMW	X5	E53			2000-2006	Dedicated K-bus in BMW vehicles					3	3	3							
103	BMW	X5	E70	13		2006-2013		1	1	1	1	1	1	1	1	1				1	1
104	BMW	X5	F15	174		2013->		1				1	1	1	1					1	1
105	BMW	X5	G05	211		2019->		1				1	1	1	1	1				1	1
106	BMW	X6	E71	13		2008-2014	With OEM alarm.	1	1	1	1	1	1	1	1	1				1	1
107	BMW	X6	E72	13		2008-2014	With OEM alarm.	1	1	1	1	1	1	1	1	1				1	1
108	BMW	X6	F16	174		2014->		1				1	1	1	1					1	1
109	BMW	Z4	E89	13		2009->		1	1	1	1	1	1	1	1	1				1	1
110	Caterpillar	325D			168							2									
111	Caterpillar	330D			168							2									
112	Caterpillar	336D			168							2									
113	Caterpillar	3408E										1									1

* Coded pulse via dedicated wire

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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL	CAN LEVEL	CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
114	Caterpillar	D6K LGP			88																	2
115	Chevrolet	Aveo	T300	82			2011->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
116	Chevrolet	Aveo	T300	164			2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
117	Chevrolet	Captiva		49			2006-2011						1	1	1							
118	Chevrolet	Captiva		160			2011->	Version with keyless entry OEM alarm					1	1	1	1						
119	Chevrolet	Cruze	J300	82			2008->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
120	Chevrolet	Cruze	J300		89		2008-2016	Can-bus control, OBD connection.	2	2	2	2	2	2							2	
121	Chevrolet	Cruze	J300	147			2008-2016	check installation diagram for proper level					1	1	1		1			[#4]	1	1
122	Chevrolet	Cruze	J300	164			2014-2016	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
123	Chevrolet	Trax		82			2013->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
124	Chrysler	300C		28			2005-2011		1	1		1	1	1	1	1		1			1	1
125	Chrysler	Grand Voyager		70			2008->		1	1			1	1	1	1	1				1	1
126	Chrysler	PTCruiser		28			2006-2010		1	1		1	1	1	1	1		1			1	1
127	Chrysler	Town&Country		70			2008->		1	1			1	1	1	1	1				1	1
128	Chrysler	Voyager		70			2008->		1	1			1	1	1	1	1				1	1
129	Citroen	Berlingo II	B9	10	112		2008-2018	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
130	Citroen	C2		10	112		2005-2010	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
131	Citroen	C3		10	112		2005-2009	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
132	Citroen	C3		10	112		2009-2016	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
133	Citroen	C3		144	112		2016->						1						+		1+2	1+2
134	Citroen	C3 Aircross		226	112		2017->	Version without Keyless Entry.					1+2						+		1+2	1+2
135	Citroen	C3 Aircross		218	112		2017->	Version with Keyless Entry.					1+2	1	1	1	1				1+2	1+2
136	Citroen	C3 Picasso		10	112		2009-2017	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
137	Citroen	C4	L	10	112		2004-2010	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
138	Citroen	C4	N	10	112		2010-2018	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
139	Citroen	C4 Aircross		40			2012-2017		1	1		1	1	1	1	1	1	1			1	1
140	Citroen	C4 Cactus		144	112		2014->						1						+		1+2	1+2
141	Citroen	C4 Picasso		10	112		2006-2013	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
142	Citroen	C4 Picasso		144	112		2013->	Version without Keyless Entry.					1						+		1+2	1+2
143	Citroen	C4 Picasso		165	112		2013->	W/keyless,enable OEM alarm function in BSI					1	1	1	1	1	1			1+2	1+2
144	Citroen	C4 Grand Picasso		10	112		2006-2013	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
145	Citroen	C4 Grand Picasso		144	112		2013->	Version without Keyless Entry.					1						+		1+2	1+2
146	Citroen	C4 Grand Picasso		165	112		2013->	W/keyless,enable OEM alarm function in BSI					1	1	1	1	1	1			1+2	1+2
147	Citroen	C5		10	112		2005-2008	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
148	Citroen	C5	X7	10	112		2008-2017	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
149	Citroen	C5	X7	79			2008-2017						1	1	1						1	1
150	Citroen	C-Crosser		40			2007-2011		1	1		1	1	1	1	1	1	1			1	1
151	Citroen	C-Crosser		40			2011->		1	1		1	1	1	1	1	1	1			1	1
152	Citroen	C-Elysee		144	112		2012->						1						+		1+2	1+2
153	Citroen	DS3		10	112		2008-2015	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
154	Citroen	DS4		10	112		2010-2015	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
155	Citroen	DS5		10	112		2011-2015	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
156	Citroen	DS5		165	112		2011-2015	With keyless, no BSI programming			1		1+2	1+2	1+2	1	1	1			1+2	1+2
157	Citroen	Jumper		15			2006-2011						1	1	1						1	1
158	Citroen	Jumper		69			2011->		1*	1*	1*		1	1	1			1		[#1]	1	1
159	Citroen	Jumpy		55	112		2007->				1		1+2	1+2	1+2		1	1			1+2	1+2
160	Citroen	Jumpy		144	112		2017->						1						+		1+2	1+2
161	Citroen	Nemo		69			2007->		1*	1*	1*		1	1	1			1		[#1]	1	1
162	Citroen	Spacetourer		144	112		2016->						1						+		1+2	1+2
163	Dacia	Duster		153			2013->		1	1			1	1	1			1		[#1]	1	1
164	Dacia	Dokker		153			2012->		1	1			1	1	1			1		[#1]	1	1
165	Dacia	Lodgy		153			2012->		1	1			1	1	1			1		[#1]	1	1
166	Dacia	Sandero		153			2012->		1	1			1	1	1			1		[#1]	1	1
167	DAF	CF			88		2005->						2								2	2
168	DAF	LF			88		2006-2013						2								2	2
169	DAF	LF Euro6		201			2013->						1	1							1	1
170	DAF	LF Euro6			88		2013->						2								2	2
171	DAF	XF95			88		2003-2006						2								2	2
172	DAF	XF105			88		2005-2013						2								2	2
173	DAF	XF Euro6		201			2013->						1	1							1	1
174	DAF	XF Euro6			88		2013->						2								2	2
175	Dodge	Avenger		28			2007->		1				1	1	1	1		1			1	1
176	Dodge	Durango		28			2004-2009		1	1		1	1	1	1	1		1			1	1
177	Dodge	Grand Caravan		70			2008->		1	1			1	1	1	1	1				1	1
178	Dodge	Grand Caravan		70			2008->		1	1			1	1	1	1	1				1	1
179	Dodge	Journey		130			2011->		1				1	1	1					[#3]	1	1
180	Dodge	Neon		202			2016->						1	1	1						1	1
181	Dodge	Nitro		70			2006-2012		1	1			1	1	1	1	1				1	1
182	Dodge	Ram		70			2009-2012		1	1			1	1	1	1	1				1	1
183	Dodge	Ram		190			2012-2018						1	1	1	1	1				1	1
184	DS Automobiles	DS3		10	112		2015->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
185	DS Automobiles	DS4		10	112		2015->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
186	DS Automobiles	DS5		10	112		2015->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
187	DS Automobiles	DS5		165	112		2015->	With keyless, no BSI programming			1		1+2	1+2	1+2	1	1	1			1+2	1+2
188	Fiat	500		14			2007->		1*	1*	1*		1	1	1			1		[#5]	1	1
189	Fiat	500e		233			2013->						1	1	1			1		[#5]	1	1
190	Fiat	500 L		14			2012->		1*	1*	1*		1	1	1			1		[#5]	1	1
191	Fiat	500 X		188			2014-2018						1	1	1	1				[#1]	1	1
192	Fiat	500 X		188			2018->						1	1	1	1				[#1]	1	1
193	Fiat	Aegea		202			2016->						1	1	1					[#3]	1	1
194	Fiat	Bravo		53			2007->		1*	1*	1*		1	1	1					[#5]	1	1
195	Fiat	Croma		52			2005-2011						1	1	1					[#5]	1	1
196	Fiat	Doblo		14			2010->		1*	1*	1*		1	1	1			1		[#5]	1	1
197	Fiat	Doblo		69			2010->		1*	1*	1*		1	1	1			1		[#5]	1	1
198	Fiat	Doblo		14			2017->		1*	1*	1*		1	1	1			1			1	1
199	Fiat	Doblo		69			2017->		1*	1*	1*		1	1	1			1			1	1
200	Fiat	Ducato III		15			2006-2011						1	1	1					[#5]	1	1
201	Fiat	Ducato IIIFL		69			2011->		1*	1*	1*		1	1	1			1		[#5]	1	1
202	Fiat	Fiorino		14			2007->		1*	1*	1*		1	1	1			1		[#5]	1	1
203	Fiat	Fiorino		69			2007->		1*	1*	1*		1	1	1			1		[#5]	1	1
204	Fiat	Freemont		130			2011-2014		1				1	1	1					[#3]	1	1
205	Fiat	Freemont		190			2014-2016						1	1	1	1	1				1	1
206	Fiat	Fullback		177			2015->	Version with Keyless Entry	1	1			1	1	1	1					1	1
207	Fiat	Fullback		178			2015->	Version without Keyless Entry.	1	1			1	1	1	1					1	1
208	Fiat	Grande Punto		14			2005-2009		1*	1*	1*		1	1	1			1		[#5]	1	1
209	Fiat	Idea		54			2004-2010						1	1	1					[#5]	1	1
210	Fiat	Idea		54			2010-2012						1	1	1					[#5]	1	1
211	Fiat	Linea		53			2007->		1*	1*	1*		1	1	1					[#5]	1	1
212	Fiat	Panda		53			2003-2012		1*	1*	1*		1	1	1					[#5]	1	1
213	Fiat	Panda		14			2012->		1*	1*	1*		1	1	1			1		[#5]	1	1
214	Fiat	Punto Evo		14			2009-2012		1*	1*	1*		1	1	1			1		[#5]	1	1
215	Fiat	Qubo		14			2008->		1*	1*	1*		1	1	1			1		[#5]	1	1
216	Fiat	Qubo		69			2008->		1*	1*	1*		1	1	1			1		[#5]	1	1
217	Fiat	Sedici		44			2006->	Version with Keyless Entry.	1	1	1		1	1	1					[#1]	1	1
218	Fiat	Sedici		81			2006->	Version without Keyless Entry.	1	1	1		1	1	1				+	[#1]	1	1
219	Fiat	Scudo II		55	112		2007->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2		1	1			1+2	1+2
220	Fiat	Stilo		54			2001-2005						1	1	1					[#5]	1	1
221	Fiat	Stilo		53			2005-2007		1*	1*	1*		1	1	1					[#5]	1	1
222	Fiat	Talento		153			2016->		1	1			1	1	1			1		[#1]	1	1
223	Fiat	Tipo		202			2016->						1	1	1					[#3]	1	1
224	Ford	B-Max		159	117		2012-2017						1+2	1	1	1				[#3]	2	2
225	Ford	C-Max	C214	8			2003-2010	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1
226	Ford	C-Max	C214	36			2003-2010	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1

* Coded pulse via dedicated wire

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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
227	Ford	C-Max II	Mk.2	114		2010->	Version with Keyless Entry.					1	1	1					[#3]	1	1
228	Ford	C-Max II	Mk.2	114		2010->	Version without Keyless Entry.					1	1	1					[#3]	1	1
229	Ford	C-Max Grand	Mk.2	114		2010->	Version with Keyless Entry.					1	1	1					[#3]	1	1
230	Ford	C-Max Grand	Mk.2	114		2010->	Version without Keyless Entry.					1	1	1					[#3]	1	1
231	Ford	EcoSport		186		2013->						1	1	1	1				[#3]	1	1
232	Ford	Edge		186		2016->						1	1	1	1				[#3]	1	1
233	Ford	Fiesta	JD3	71		2005-2008	After facelift. (FL)					1	1	1	1				[#3]		
234	Ford	Fiesta	JA8	115	117	2008-2012						1+2	1	1	1				[#3]	2	2
235	Ford	Fiesta		115	117	2013-2017	Version without Keyless Entry.					1+2	1	1	1				[#3]	2	2
236	Ford	Fiesta		159	117	2013-2017	Version with Keyless Entry.					1+2	1	1	1				[#3]	2	2
237	Ford	Fiesta		186		2017->						1	1	1	1				[#3]	1	1
238	Ford	Focus II	C307	8		2004-2010	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1
239	Ford	Focus II	C307	36		2004-2010	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1
240	Ford	Focus III		114		2010->	Version with Keyless Entry.					1	1	1					[#3]	1	1
241	Ford	Focus III		114		2010->	Version without Keyless Entry.					1	1	1					[#3]	1	1
242	Ford	Focus IV		186		2018->		1				1	1	1		1				1	1
243	Ford	Fusion		71		2005-2012						1	1	1	1				[#3]		
244	Ford	Galaxy II	WA6	33		2006-2014	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
245	Ford	Galaxy II	WA6	68		2006-2014	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
246	Ford	Galaxy III		186		2015->						1	1	1	1				[#3]	1	1
247	Ford	Kuga		8		2008-2012	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1
248	Ford	Kuga		36		2008-2012	Depending on the ECU - level 8 or 36.					1	1	1	1			+	[#3]	1	1
249	Ford	Kuga		114		2012->						1	1	1					[#3]	1	1
250	Ford	Kuga		114		2017->						1	1	1					[#3]	1	1
251	Ford	Mondeo MK3	B*Y		134	2000-2007						2							[#3]	2	2
252	Ford	Mondeo MK4	BA7	33		2007-2014	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
253	Ford	Mondeo MK4	BA7	68		2007-2014	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
254	Ford	Mondeo MK5		186		2014->						1	1	1	1				[#3]	1	1
255	Ford	Mustang	MK5	199		2010-2014						1	1		1	1	1		[#3]		
256	Ford	Mustang	MK6	186		2015->						1	1	1	1				[#3]	1	1
257	Ford	Ranger		189		2011-2016						1	1						[#3]	1	1
258	Ford	Ranger		186		2016->						1	1	1	1				[#3]	1	1
259	Ford	S-Max		33		2006-2015	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
260	Ford	S-Max		68		2006-2015	Depending on the ECU - level 33 or 68.	1	1			1	1	1					[#3]	1	1
261	Ford	S-Max		186		2015->						1	1	1	1				[#3]	1	1
262	Ford	Tourneo Connect		114		2013->						1	1	1					[#3]	1	1
263	Ford	Tourneo Courier		115	117	2013->	Version without Keyless Entry.					1+2	1	1	1				[#3]	2	2
264	Ford	Tourneo Courier		159	117	2013->	Version with Keyless Entry.					1+2	1	1	1				[#3]	2	2
265	Ford	Tourneo Custom		175		2012->						1	1	1	1			+	[#3]	1	1
266	Ford	Transit	7 gen.		118	2006->						2	2						[#3]	2	2
267	Ford	Transit	8 gen.	175		2013->						1	1	1	1			+	[#3]	1	1
268	Ford	Transit Connect		114		2013->						1	1	1					[#3]	1	1
269	Ford	Transit Connect		207		2013->						1	1	1					[#3]	1	1
270	Ford	Transit Courier		115	117	2013->	check installation diagram for proper level					1+2	1	1	1				[#3]	2	2
271	Ford	Transit Courier		159	117	2013->	check installation diagram for proper level					1+2	1	1	1				[#3]	2	2
272	Ford	Transit Courier		205	117	2013->	check installation diagram for proper level					1+2	1	1	1				[#3]	2	2
273	Ford	Transit Courier		206	117	2013->	check installation diagram for proper level					1+2	1	1	1				[#3]	2	2
274	Ford	Transit Custom		175		2012->	check installation diagram for proper level					1	1	1	1			+	[#3]	1	1
275	Ford	Transit Custom		186		2016->	check installation diagram for proper level					1	1	1	1				[#3]	1	1
276	Hamm	H13ix			88																2
277	Honda	Accord	7 gen.	29		2002-2008						1	1	1	1						
278	Honda	Accord	8 gen.	63		2008-2012		1	1			1	1	1	1	1	1			1	1
279	Honda	Civic	8 gen.	31		2005-2011						1	1	1	1						
280	Honda	Civic	9 gen.	139		2011-2015						1	1	1	1	1	1			1	1
281	Honda	Civic	10 gen.	139		2015->		1				1	1	1	1	1	1			1	1
282	Honda	City		31		2008-2013						1	1	1	1						
283	Honda	CR-V	3 gen.	31		2006-2012						1	1	1	1						
284	Honda	CR-V	4 gen.	139		2011-2015						1	1	1	1	1	1			1	1
285	Honda	CR-V	4 gen.	139		2015-2017	After facelift. (FL)	1				1	1	1	1	1	1			1	1
286	Honda	CR-Z		31		2010-2013						1	1	1	1						
287	Honda	Fit (JAPAN)		101		2008->						1	1	1	1						
288	Honda	HR-V		139		2014->		1				1	1	1	1	1	1			1	1
289	Honda	Insight		31		2009-2014						1	1	1	1						
290	Honda	Jazz	2 gen.	31		2008-2015						1	1	1	1						
291	Honda	Jazz	3 gen.	139		2013->						1	1	1	1						
292	Honda	Odyssey	RB3	139		2008-2013		1				1	1	1	1	1	1			1	1
293	Hyundai	i10	IB/BA	166		2013->						1	1	1	1	1				1	1
294	Hyundai	i20	GB	166	246	2014->						1	1	1	1	1				1+2	1+2
295	Hyundai	i20	GB	166	246	2018->	After facelift. (FL)					1	1	1	1	1				1+2	1+2
296	Hyundai	i30	GD	94	113	2011-2017		1	1			1	1	1	1	1	1		[#2]	1+2	1+2
297	Hyundai	i40	VF	121	113	2011->	Version with Keyless Entry.	1	1	1		1	1	1	1	1	1		[#2]	1+2	2
298	Hyundai	i40	VF	122	113	2011->	Version without Keyless Entry.	1	1	1		1	1	1	1	1	1		[#2]	1+2	2
299	Hyundai	ix20		94	113	2010->		1	1			1	1	1	1	1	1		[#2]	1+2	1+2
300	Hyundai	ix35		94	113	2013->	After facelift. (FL)	1	1			1	1	1	1	1	1		[#2]	1+2	1+2
301	Hyundai	ix55		95		2009-2015						1	1	1			1				
302	Hyundai	Elantra		94	113	2011->		1	1			1	1	1	1	1	1		[#2]	1+2	1+2
303	Hyundai	Elantra		176		2014->						1	1	1	1	1	1			1	
304	Hyundai	Genesis Coupe		125		2008-2012		1	1			1	1	1						1	
305	Hyundai	Grandeur	TG	95		2005-2011						1	1	1			1				
306	Hyundai	H350		198		2014->						1	1	1	1	1					1
307	Hyundai	Kona		245		2017->		+				+	+	+	+	+					
308	Hyundai	Santa Fe	DM/NC	184		2012-2018		1	1			1	1	1	1	1				1	1
309	Hyundai	Tucson	TL	166		2015->						1	1	1	1	1				1	1
310	Hyundai	Veracruz		95		2007-2015						1	1	1			1				
311	ICE				137							2									2
312	Infiniti	FX35		58		2003-2008						1	1	1					[#1]	1	1
313	Infiniti	G37		102		2009-2013		1	1			1	1	1					[#1]	1	1
314	Infiniti	Q50		102		2013->		1	1			1	1	1					[#1]	1	1
315	Isuzu	D-Max	RT50	169		2012-2017													[#1]	1	1
316	Isuzu	D-Max	RT85	169		2017->													[#1]	1	1
317	Isuzu	F		254		2013->						1						+			1
318	Isuzu	M		254		2018->						1						+			1
319	Isuzu	N		254		2013->						1						+			1
320	Iveco	Daily IV		15		2006-2011						1	1	1						1	1
321	Iveco	Daily V		69		2011-2014		1*	1*	1*		1	1	1			1		[#1]	1	1
322	Iveco	Daily VI		69		2014->						1	1	1			1		[#1]	1	1
323	Iveco	Eurocargo			88	2007->						2								2	2
324	Iveco	Stralis		200		2012->						1	1					+		1	1
325	Iveco	Stralis			88	2012->						2								2	2
326	Iveco	Stralis			200	2012->						2								2	2
327	Jaguar	F-Pace	X761	203		2016->						1	1	1	1	1				1	
328	Jaguar	F-Pace	X761	231		2017->						1	1	1	1	1					
329	Jaguar	XF		173		2008-2011						1	1	1	1	1		+			
330	Jaguar	XJ	X351	107		2009->						1	1	1	1			+			
331	Jaguar	XJL	X351	107		2009->						1	1	1	1			+			
332	Jeep	Cherokee	KL	193		2013->						1	1	1	1	1					
333	Jeep	Compass	MK49	28		2007-2017		1	1			1	1	1	1		1			1	1
334	Jeep	Compass	MP	188		2017->		1	1			1	1	1	1				[#1]	1	1
335	Jeep	Grand Cherokee	WK	28		2005-2010		1	1			1	1	1	1		1			1	1
336	Jeep	Grand Cherokee	WK2	70		2010-2013		1	1			1	1	1	1	1				1	1
337	Jeep	Grand Cherokee	WK2	190		2013->		1	1			1	1	1	1	1				1	1
338	Jeep	Renegade		188		2014-2017						1	1	1	1				[#1]	1	1
339	Jeep	Renegade		188		2017->						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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
340	Jeep	Wrangler	JK	70		2007-2017		1	1			1	1	1	1	1				1	1
341	Jeep	Wrangler	JL	244		2018->		1	1			1	1	1	1	1					1
342	Kia	Bongo III (K2900)			113	2003->						2							[#2]	2	2
343	Kia	Carens	RP	219		2013->						1	1	1							
344	Kia	Carnival	VQ	22		2005-2010						1	1	1			1				
345	Kia	cee'd	ED		113	2009-2012	After facelift. (FL)					2							[#2]	2	2
346	Kia	cee'd	JD	135	113	2012-2018		1				1	1	1	1	1	1		[#2]	1+2	2
347	Kia	Magentis II			113	2005-2010	After facelift. (FL)					2							[#2]	2	2
348	Kia	Niro	DE	216	113	2016->						1	1	1	1		1		[#2]	2	2
349	Kia	Opirus		23		2003-2010						1	1	1							
350	Kia	Optima	TF	187	113	2010-2015		1	1			1	1	1	1	1	1		[#2]	1+2	2
351	Kia	Optima	JF	166		2015->						1	1	1	1	1				1	1
352	Kia	Picanto	SA		113	2007-2011	After facelift. (FL)					2							[#2]	2	2
353	Kia	Picanto	TA		113	2011-2017						2								2	2
354	Kia	Picanto	JA	228		2017->						1	1	1	1	1				1	1
355	Kia	Proceed		245		2018->		1				1	1	1	1	1					
356	Kia	Rio	UB	135	113	2011-2017		1				1	1	1	1	1	1		[#2]	1+2	2
357	Kia	Rio	YB	228		2017->						1	1	1	1	1				1	1
358	Kia	Sorento	XM	108	113	2009-2015						1	1	1					[#2]	1+2	2
359	Kia	Sorento	XM	170	113	2012-2015	After facelift. (FL)					1	1	1			1	+	[#2]	2	2
360	Kia	Sorento	UM	166		2015->						1	1	1	1	1				1	1
361	Kia	Soul	AM	136		2010-2012						1	1	1						1	
362	Kia	Soul	AM	170	113	2012-2014						1	1	1			1	+	[#2]	2	2
363	Kia	Soul	PS	166		2014->						1	1	1	1	1				1	1
364	Kia	Sportage	SL	109	113	2010-2016		1				1	1	1	1	1			[#2]	1+2	2
365	Kia	Sportage	QL	166		2015->						1	1	1	1	1				1	1
366	Kia	Stinger		216	113	2017->						1	1	1	1				[#2]	2	2
367	Kia	Stonic		228		2017->						1	1	1	1	1				1	1
368	Kia	Venga	YN		113	2009->						2							[#2]	2	2
369	Lada	Kalina 2		181		2013->						1	1					+	[#1]	1	1
370	Lada	Granta		181		2011->						1	1					+	[#1]	1	1
371	Lada	Priora		181		2013->						1	1					+	[#1]	1	1
372	Lamborghini	Urus		214		2018->		1				1	1	1	1	1				1	1
373	Land Rover	Discovery 3		80		2004-2009						1	1	1	1			+			
374	Land Rover	Discovery 4		107		2009-2013						1	1	1	1			+			
375	Land Rover	Discovery 4		203		2013-2016						1	1	1	1	1				1	
376	Land Rover	Discovery 5		231		2018->						1	1	1	1	1					
377	Land Rover	Range Rover Evoque		203		2011-2014						1	1	1	1	1				1	
378	Land Rover	Range Rover Evoque		203		2015->						1	1	1	1	1				1	
379	Land Rover	Range Rover Sport	L320	80		2003-2009						1	1	1	1			+			
380	Land Rover	Range Rover Sport	L320	107		2010-2013						1	1	1	1			+			
381	Lexus	GS	S190	60		2005-2012		1				1	1	1							
382	Lexus	GS		127		2012-2015		1	1	1		1	1	1					[#1]	1	1
383	Lexus	HS	ANF20	128		2009->		1	1	1		1	1	1	1	1				1	1
384	Lexus	IS	XE20	124		2005-2013	With OEM alarm.					1	1	1		1					
385	Lexus	IS	XE30	127		2013->		1	1	1		1	1	1					[#1]	1	1
386	Lexus	NX	AZ10	127		2014->		1	1	1		1	1	1						1	1
387	Lexus	RC	AVC10	127		2014->		1	1	1		1	1	1						1	1
388	Lexus	RX	L10	128		2009-2015		1		1		1	1	1	1	1				1	1
389	Liebherr	LTM1200		120	88							2								2	2
390	Liebherr	R916			152							2									2
391	MAN	TGA			88	2001->						2								2	2
392	MAN	TGA		171		2012->						1	1					+		1	1
393	MAN	TGA		234		2012->						1	1					+		1	1
394	MAN	TGE		221		2017->		1				1	1	1	1	1				1	1
395	MAN	TGL			88	2005->						2								2	2
396	MAN	TGL		171		2012->						1	1					+		1	1
397	MAN	TGL		234		2012->						1	1					+		1	1
398	MAN	TGM			88	2005->						2								2	2
399	MAN	TGM		171		2012->						1	1					+		1	1
400	MAN	TGM		234		2012->						1	1					+		1	1
401	MAN	TGS			88	2007->						2								2	2
402	MAN	TGX			88	2007->						2								2	2
403	MAN	TGX		171		2012->						1	1					+		1	1
404	MAN	TGX		234		2012->						1	1					+		1	1
405	MAN	TGX Euro6			88	2011->						2								2	2
406	Maserati	Ghibli		190		2013->		1	1			1	1	1	1	1				1	1
407	Mazda	2	DE	103		2007-2014						1	1	1				+	[#1]		1
408	Mazda	2	DJ	138		2014->						1	1	1	1	1			[#1]	1	1
409	Mazda	3	BL	103		2009-2013						1	1	1			1	+	[#1]		1
410	Mazda	3	BM	138		2013->	Hatchback (2-button OEM remote)					1	1	1	1	1			[#1]	1	1
411	Mazda	3	BM	138		2013->	Sedan (3-button OEM remote)					1	1	1	1	1			[#1]	1	1
412	Mazda	5	CW	103		2010->						1	1	1					[#1]		1
413	Mazda	6	GH	45		2007-2012						1	1	1					[#1]		1
414	Mazda	6	GJ	138		2012-2015						1	1	1	1	1			[#1]	1	1
415	Mazda	6	GJ	138		2015->	After facelift. (FL)					1	1	1	1	1			[#1]	1	1
416	Mazda	CX-3	DK	138		2015->						1	1	1	1	1			[#1]	1	1
417	Mazda	CX-5	KE	138		2011->						1	1	1	1	1			[#1]	1	1
418	Mazda	CX-5	KE	138		2015->	After facelift. (FL)					1	1	1	1	1			[#1]	1	1
419	Mazda	CX-7		64		2007->						1	1	1					[#1]		1
420	Mazda	CX-9		96		2007->						1	1	1				+	[#1]		1
421	Mazda	MX-5	ND	138		2015->						1	1	1	1	1			[#1]	1	1
422	Mercedes	A	W169	91		2004-2012		1	1	1	1	1	1	1	1	1				1	1
423	Mercedes	A	W176	39		2012->		1	1	1	1	1	1	1	1	1	1			1	1
424	Mercedes	Actros MP2		204	88	2003-2008						2								1	1
425	Mercedes	Actros MP3	1 gen.		88	2008-2011						2								2	2
426	Mercedes	Actros (New)	2 gen.	183		2011->	Instrument cluster CAN, no FMS gate required					1	1							1	1
427	Mercedes	Actros (New)	2 gen.		146	2011->	With FMS CAN enabled					2								2	2
428	Mercedes	Actros (New)	2 gen.		183	2011->						2								2	2
429	Mercedes	Antos		183		2012->						1	1							1	1
430	Mercedes	Antos			146	2012->						2								2	2
431	Mercedes	Antos			183	2012->						2								2	2
432	Mercedes	Arocs		183		2013->	Instrument cluster CAN, no FMS gate required					1	1							1	1
433	Mercedes	Arocs			146	2013->	With FMS CAN enabled					2								2	2
434	Mercedes	Arocs			183	2013->						2								2	2
435	Mercedes	Axor		123	88	2003-2013						2								1	1
436	Mercedes	Atego (Euro6)		183		2013->						1	1							1	1
437	Mercedes	Atego (Euro6)			146	2013->						2								2	2
438	Mercedes	Atego (Euro6)			183	2013->						2								2	2
439	Mercedes	Atego		123	88	2003-2013						2								1	1
440	Mercedes	B	W245	91		2005-2011		1	1	1	1	1	1	1	1	1				1	1
441	Mercedes	B	W246	39		2011->		1	1	1	1	1	1	1	1	1	1			1	1
442	Mercedes	C	W203	93		2000-2007		1	1	1	1	1	1	1	1	1				1	1
443	Mercedes	C	W204	39		2007-2014		1	1	1	1	1	1	1	1	1	1			1	1
444	Mercedes	C	W205	182		2014->	if no door signal - use level 241	1	1	1		1	1	1	1	1	1			1	1
445	Mercedes	C	W205	241		2014->						1	1	1	1	1	1			1	1
446	Mercedes	Citan	W415	57		2012->						1	1	1			1	+	[#1]	1	1
447	Mercedes	Citan	W415	210		2012->						1	1	1			1	+	[#1]	1	1
448	Mercedes	CL	C215	27		1999-2006		1	1	1	1	1	1	1	1	1				1	1
449	Mercedes	CL	C216	39		2006-2014		1	1	1	1	1	1	1	1	1	1			1	1
450	Mercedes	CLA	C117	39		2013->		1	1	1	1	1	1	1	1	1	1			1	1
451	Mercedes	CLK	C208	37		1997-2003	RF transmitter.	1		1	1	1	1	1			1				
452	Mercedes	CLK	C209	9		2002-2009		1	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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
453	Mercedes	CLS	C219	9		2004-2010		1	1	1	1	1	1	1	1					1	1
454	Mercedes	CLS	C218	65		2010->		1	1	1	1	1	1	1	1	1	1			1	1
455	Mercedes	E	A207	65		2009->		1	1	1	1	1	1	1	1	1	1			1	1
456	Mercedes	E	C207	65		2009->		1	1	1	1	1	1	1	1	1	1			1	1
457	Mercedes	E	W210	19		1995-1997	IR transmitter.	1				1	1	1		1					
458	Mercedes	E	W210	37		1997-2002	RF transmitter.	1		1	1	1	1	1			1				
459	Mercedes	E	W211	9		2002-2009		1	1		1	1	1	1	1					1	1
460	Mercedes	E	W212	39		2009->		1	1	1	1	1	1	1	1	1	1			1	1
461	Mercedes	E	W213	223		2016->	if no door signal - use level 242	1	1	1		1	1	1	1	1				1	1
462	Mercedes	E	W213	242		2016->		1	1	1		1	1	1	1	1	1			1	1
463	Mercedes	G	W463	93		2000->		1	1	1	1	1	1	1	1	1				1	1
464	Mercedes	GL	X164	9		2006-2012		1	1	1	1	1	1	1	1					1	1
465	Mercedes	GLS	X166	39		2016->		1	1	1	1	1	1	1	1	1	1			1	1
466	Mercedes	GLA	X156	39		2013->		1	1	1	1	1	1	1		1	1			1	1
467	Mercedes	GLC	X205	182		2015->		1	1	1		1	1	1	1	1	1			1	1
468	Mercedes	GLC	X253	182		2015->		1	1	1		1	1	1	1	1	1			1	1
469	Mercedes	GLE Coupe	C292	39		2015->		1	1	1	1	1	1	1	1	1	1			1	1
470	Mercedes	GLE Wagon	W166	39		2015->		1	1	1	1	1	1	1	1	1	1			1	1
471	Mercedes	ML	W163		235	1998-2004														2	2
472	Mercedes	ML	W164	9		2005-2011		1	1	1	1	1	1	1	1					1	1
473	Mercedes	ML	W166	39		2011-2015		1	1	1	1	1	1	1	1	1	1			1	1
474	Mercedes	R	W251	9		2005-2013		1	1	1	1	1	1	1	1					1	1
475	Mercedes	S	W220	27		1998-2003		1	1	1	1	1	1	1	1	1				1	1
476	Mercedes	S	W220	27		2003-2005		1	1	1	1	1	1	1	1	1				1	1
477	Mercedes	S	W221	39		2005-2013		1	1	1	1	1	1	1	1	1	1			1	1
478	Mercedes	S	W222	182		2013->		1	1	1		1	1	1	1	1	1			1	1
479	Mercedes	SL	R230	27		2001-2011		1	1	1	1	1	1	1	1	1				1	1
480	Mercedes	SLK	R171	92		2004-2011		1	1	1	1	1	1	1	1	1				1	1
481	Mercedes	SLS	C197	39		2010->		1	1	1	1	1	1	1	1	1	1			1	1
482	Mercedes	Sprinter II	W906	16		2006-2013		1	1	1	1	1	1	1	1	1	1			1	1
483	Mercedes	Sprinter II	W906	16		2013-2018		1	1	1	1	1	1	1	1	1	1			1	1
484	Mercedes	Sprinter III	W907	240		2018->		1	1	1		1	1	1	1	1	1			1	1
485	Mercedes	Sprinter III	W910	240		2018->		1	1	1		1	1	1	1	1	1			1	1
486	Mercedes	Travego III O580		232		2008->						1	1	1	1			+		1	1
487	Mercedes	V	W447	195		2014->		1		1		1	1	1	1		1			1	1
488	Mercedes	Viano	W639	17		2003->		1	1	1	1	1	1	1	1					1	1
489	Mercedes	Vito	W639	17		2003-2014		1	1	1	1	1	1	1	1					1	1
490	Mercedes	Vito	W447	195		2014->		1		1		1	1	1	1		1			1	1
491	Mini	Cabrio	F57	174		2016->						1	1	1	1					1	1
492	Mini	Cooper	R56	13		2006-2013		1	1	1	1	1	1	1	1	1				1	1
493	Mini	Countryman	R60	13		2010-2016		1	1	1	1	1	1	1	1	1				1	1
494	Mini	Countryman	F60	174		2017->						1	1	1	1					1	1
495	Mini	Coupe	R58	13		2012-2015		1	1	1	1	1	1	1	1	1				1	1
496	Mini	Clubman	F54	174		2015->						1	1	1	1					1	1
497	Mini	Hardtop	F56	174		2013->						1	1	1	1					1	1
498	Mini	Hatch	F55	174		2015->						1	1	1	1					1	1
499	Mini	Paceman	R61	13		2013-2016		1	1	1	1	1	1	1	1	1				1	1
500	Mini	Roadster	R59	13		2012-2015		1	1	1	1	1	1	1	1	1				1	1
501	Mitsubishi	ASX	3 gen.	40		2010->		1	1		1	1	1	1	1	1	1			1	1
502	Mitsubishi	Eclipse Cross		151		2018->		1	1			1	1	1	1					1	1
503	Mitsubishi	L200		177		2015->	Version with Keyless Entry	1	1			1	1	1	1					1	1
504	Mitsubishi	L200		178		2015->	Version without Keyless Entry.	1	1			1	1	1	1					1	1
505	Mitsubishi	Lancer	8. gen	40		2007-2011		1	1		1	1	1	1	1	1	1			1	1
506	Mitsubishi	Lancer	8. gen	40		2011->	After facelift. (FL)	1	1		1	1	1	1	1	1	1			1	1
507	Mitsubishi	Outlander		40		2006-2010		1	1		1	1	1	1	1	1	1			1	1
508	Mitsubishi	Outlander		40		2010-2011		1	1		1	1	1	1	1	1	1			1	1
509	Mitsubishi	Outlander		40		2011-2012		1	1		1	1	1	1	1	1	1			1	1
510	Mitsubishi	Outlander		151		2012->		1	1			1	1	1	1					1	1
511	Mitsubishi	Pajero			119	2006->						2								2	2
512	Mitsubishi	Space Star		177		2013->	Version with Keyless Entry.	1	1			1	1	1	1					1	1
513	Mitsubishi	Space Star		178		2013->	Version without Keyless Entry.	1	1			1	1	1	1					1	1
514	Mitsubishi	Triton		177		2015->	Version with Keyless Entry	1	1			1	1	1	1					1	1
515	Mitsubishi	Triton		178		2015->	Version without Keyless Entry.	1	1			1	1	1	1					1	1
516	Nissan	370Z		59		2008->	Version with Keyless Entry.					1	1	1					[#1]	1	1
517	Nissan	Altima	L33	102		2012->		1	1			1	1	1	1	1			[#1]	1	1
518	Nissan	Cube	Z12	102		2008->		1	1	1		1	1	1					[#1]	1	1
519	Nissan	Interstar			149	2003-2010						2+3	3	3					[#2]	2	2
520	Nissan	Interstar			215	2003-2010						2+3	3	3					[#2]	2	2
521	Nissan	Juke		42		2010->	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
522	Nissan	Juke		102		2010->	Version with Keyless Entry.	1	1			1	1	1					[#1]	1	1
523	Nissan	Leaf		220		2010->	Version with Keyless Entry.	1	1			1	1	1					[#1]	1	1
524	Nissan	Leaf		248		2017->						1	1	1			1			1	
525	Nissan	Micra	K12	41		2003-2010						1	1	1				+	[#1]	1	1
526	Nissan	Micra	K13	42		2010-2013						1	1	1				+	[#1]	1	1
527	Nissan	Micra	K13	42		2013-2016						1	1	1				+	[#1]	1	1
528	Nissan	Micra	K13	102		2013-2016	Version with Keyless Entry.	1	1			1	1	1				+	[#1]	1	1
529	Nissan	Micra	K14	222		2016->		1				1	1	1					[#1]	1	1
530	Nissan	Murano	Z50	58		2002-2008	Version with Keyless Entry.					1	1	1					[#1]	1	1
531	Nissan	Murano	Z50	59		2002-2008	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
532	Nissan	Navara	D40	42		2006-2015	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
533	Nissan	Navara	D40	58		2006-2015	Version with Keyless Entry.					1	1	1				+	[#1]	1	1
534	Nissan	Navara	D23	102		2015->	Version with Keyless Entry.	1	1			1	1	1					[#1]	1	1
535	Nissan	NV200		57		2009->						1	1	1			1	+	[#1]	1	1
536	Nissan	NV200		210		2009->						1	1	1			1	+	[#1]	1	1
537	Nissan	Note		41		2006-2012						1	1	1				+	[#1]	1	1
538	Nissan	Note II		42		2012->						1	1	1				+	[#1]	1	1
539	Nissan	Note II		102		2012->	Version without Keyless Entry.	1	1			1	1	1				+	[#1]	1	1
540	Nissan	Pathfinder	R51	42		2012->	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
541	Nissan	Pathfinder	R51	58		2005-2012	Version with Keyless Entry.					1	1	1				+	[#1]	1	1
542	Nissan	Pixo		81		2009->						1	1	1				+	[#1]	1	1
543	Nissan	Presage	U31	102		2006-2009		1	1			1	1	1					[#1]	1	1
544	Nissan	Primastar			149	2005->						2+3	3	3					[#2]	2	2
545	Nissan	Primastar			215	2005->						2+3	3	3					[#2]	2	2
546	Nissan	Pulsar		172		2014->						1	1	1	1				[#1]	1	1
547	Nissan	Qashqai	J10	58		2006-2010	Version with Keyless Entry.					1	1	1					[#1]	1	1
548	Nissan	Qashqai	J10	42		2010-2013	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
549	Nissan	Qashqai	J10	58		2010-2013	Version with Keyless Entry. FL					1	1	1					[#1]	1	1
550	Nissan	Qashqai	J11	172		2013->						1	1	1	1				[#1]	1	1
551	Nissan	Qashqai		172		2017->						1	1	1	1				[#1]	1	1
552	Nissan	Qashqai +2	NJ10	42		2008-2010	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
553	Nissan	Qashqai +2	NJ10	58		2008-2010	Version with Keyless Entry.					1	1	1					[#1]	1	1
554	Nissan	Qashqai +2	NJ10	42		2010->	Version without Keyless Entry. FL					1	1	1				+	[#1]	1	1
555	Nissan	Qashqai +2	NJ10	58		2010->	Version with Keyless Entry. FL					1	1	1					[#1]	1	1
556	Nissan	Serena		102		2005-2010		1	1			1	1	1					[#1]	1	1
557	Nissan	Tiida		41		2006-2011						1	1	1				+	[#1]	1	1
558	Nissan	Wingroad		102		2006->		1	1			1	1	1					[#1]	1	1
559	Nissan	X-trail	T31	42		2007-2014	Version without Keyless Entry.					1	1	1				+	[#1]	1	1
560	Nissan	X-trail	T31	58		2007-2014	Version with Keyless Entry.					1	1	1					[#1]	1	1
561	Nissan	X-trail	T32	172		2014-2017						1	1	1	1				[#1]	1	1
562	Opel	Adam		82		2012->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
563	Opel	Adam		147		2012->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
564	Opel	Adam		164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
565	Opel	Antara		49		2007->						1	1	1							

* Coded pulse via dedicated wire

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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
566	Opel	Antara		160		2011->	Version with keyless entry OEM alarm					1	1	1	1						
567	Opel	Agila	B	44		2007-2015	Version with Keyless Entry.	1	1	1		1	1	1					[#1]	1	1
568	Opel	Agila	B	81		2007-2015	Version without Keyless Entry.	1	1	1		1	1	1				+	[#1]	1	1
569	Opel	Astra	H	18		2004-2009						1	1	1		1				1	1
570	Opel	Astra	H	217		2004-2009	Cabrio with Keyless					1	1	1		1				1	1
571	Opel	Astra	J	82		2009->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
572	Opel	Astra	J		89	2009->	Can-bus control, OBD connection.	2	2	2	2	2	2							2	
573	Opel	Astra	J	147		2009->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
574	Opel	Astra	K	164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
575	Opel	Cascada		82		2009->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
576	Opel	Cascada		147		2009->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
577	Opel	Cascada		164		2009->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
578	Opel	Combo	D	14		2011-2018		1*	1*	1*		1	1	1			1		[#1]	1	1
579	Opel	Combo	D	69		2011-2018		1*	1*	1*		1	1	1			1		[#1]	1	1
580	Opel	Combo	E	144	112	2018->						1						+		1+2	1+2
581	Opel	Combo	E	218	112	2018->	Version with Keyless Entry.					1+2	1	1	1	1				1+2	1+2
582	Opel	Corsa	D	72		2006-2014	3 door					1	1	1		1				1	1
583	Opel	Corsa	D	18		2006-2014	5 door					1	1	1		1				1	1
584	Opel	Corsa	E	164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
585	Opel	Crossland X		226	112	2017->	Version without Keyless Entry.					1+2						+		1+2	1+2
586	Opel	Crossland X		218	112	2017->	Version with Keyless Entry.					1+2	1	1	1	1				1+2	1+2
587	Opel	Grandland X		226	112	2017->	Version without Keyless Entry.					1+2						+		1+2	1+2
588	Opel	Grandland X		218	112	2017->	Version with Keyless Entry.					1+2	1	1	1	1				1+2	1+2
589	Opel	Insignia	A	82		2008-2013	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
590	Opel	Insignia	A		89	2008-2013	Version with Keyless Entry.	2	2	2	2	2	2							2	
591	Opel	Insignia	A	147		2008-2013	check installation diagram for proper level					1	1	1		1			[#4]	1	1
592	Opel	Insignia	A	164		2014-2017	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
593	Opel	Karl		164		2014->						1	1	1	1	1	1		[#4]	1	1
594	Opel	Meriva	B	116		2010->						1	1	1						1	1
595	Opel	Mokka		82		2012->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
596	Opel	Mokka		147		2012->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
597	Opel	Mokka		164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
598	Opel	Movano A			149	2003-2010						2+3	3	3					[#2]	2	2
599	Opel	Movano A			215	2003-2010						2+3	3	3					[#2]	2	2
600	Opel	Movano B		210		2010->						1	1	1			1	+	[#1]	1	1
601	Opel	Signum		18		2003-2008		1	1	1	1	1	1	1		1				1	1
602	Opel	Vectra	C	141		2002-2009		1	1	1	1	1	1	1		1				1	1
603	Opel	Vivaro			149	2005->						2+3	3	3						2	2
604	Opel	Vivaro			215	2005->						2+3	3	3						2	2
605	Opel	Vivaro		153		2014->		1	1			1	1	1			1		[#1]	1	1
606	Opel	Zafira	B	18		2005-2011		1	1	1	1	1	1	1		1				1	1
607	Opel	Zafira	C	82		2011->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
608	Opel	Zafira	C	147		2011->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
609	Opel	Zafira	C	164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
610	Opel	Zafira Tourer	C	82		2011->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
611	Opel	Zafira Tourer	C	147		2011->	check installation diagram for proper level					1	1	1		1			[#4]	1	1
612	Opel	Zafira Tourer	C	164		2014->	check installation diagram for proper level					1	1	1	1	1	1		[#4]	1	1
613	Peugeot	PEUGEOT OBD			224	2004->						2							[#2]	2	2
614	Peugeot	207		10	112	2006-2012	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
615	Peugeot	208		144	112	2012->						1						+		1+2	1+2
616	Peugeot	2008		144	112	2013->						1						+		1+2	1+2
617	Peugeot	301		144	112	2012->						1						+		1+2	1+2
618	Peugeot	307		10	112	2005-2008	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
619	Peugeot	308		10	112	2007-2013	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
620	Peugeot	308		144	112	2013->	Version without Keyless Entry.					1						+		1+2	1+2
621	Peugeot	308		165	112	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1	1	1	1			1+2	1+2
622	Peugeot	3008		10	112	2009->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
623	Peugeot	3008		218	112	2016->	Version without Keyless Entry.					1+2	1	1	1	1				1+2	1+2
624	Peugeot	3008		218	112	2016->	Version with Keyless					1+2	1	1	1	1				1+2	1+2
625	Peugeot	407		11		2004-2011				1		1+2	1+2	1+2	1	1				1+2	1+2
626	Peugeot	4007		40		2007-2011		1	1		1	1	1	1	1	1	1			1	1
627	Peugeot	4007		40		2011-2012		1	1		1	1	1	1	1	1	1			1	1
628	Peugeot	4008		40		2012->		1	1		1	1	1	1	1	1	1			1	1
629	Peugeot	508		10	112	2010->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
630	Peugeot	508		10	112	2010->	W/keyless,enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
631	Peugeot	5008		10	112	2009->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
632	Peugeot	5008		218	112	2017->	Version with Keyless					1+2	1	1	1	1				1+2	1+2
633	Peugeot	Bipper		69		2008->		1*	1*	1*		1	1	1			1		[#1]	1	1
634	Peugeot	Boxer		15		2006-2011						1	1	1						1	1
635	Peugeot	Boxer		69		2011->		1*	1*	1*		1	1	1			1		[#1]	1	1
636	Peugeot	Expert		55	112	2007-2016	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
637	Peugeot	Expert II		144	112	2016->						1						+		1+2	1+2
638	Peugeot	Partner II		10	112	2008->	Enable OEM alarm function in BSI			1		1+2	1+2	1+2	1	1	1			1+2	1+2
639	Peugeot	Rifter		144	112	2018->	Version without Keyless Entry.					1						+		1+2	1+2
640	Peugeot	Rifter		218	112	2018->	Version with Keyless					1+2	1	1	1	1				1+2	1+2
641	Peugeot	Traveller		144	112	2016->						1						+		1+2	1+2
642	Porsche	911	997	66		2004-2008		1		1		1	1	1	1	1					
643	Porsche	Cayenne		20		2002-2010		1	1	1	1	1	1	1	1	1					
644	Porsche	Cayenne		77		2002-2010		1	1	1	1	1	1	1	1	1					
645	Porsche	Cayenne		243		2002-2010	Single lock/unlock button on remote	1	1	1	1	1	1	1	1	1					
646	Porsche	Cayenne		104		2010->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
647	Porsche	Cayenne		106		2010->	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
648	Porsche	Cayenne		214		2018->		1				1	1	1	1	1				1	1
649	Porsche	Cayman	987	66		2006-2013				1		1	1	1	1	1					
650	Porsche	Cayman	981	106		2013->		1	1			1	1	1	1	1				1	1
651	Porsche	Macan	95B	106		2014->		1	1			1	1	1	1	1				1	1
652	Porsche	Panamera		104		2009->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
653	Porsche	Panamera		106		2009-2016	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
654	Porsche	Panamera		214		2017->		1				1	1	1	1	1				1	1
655	Renault	RENAULT BUS					Renault-bus without anti-hijack					3	3	3							
656	Renault	Captur		153		2013->		1	1			1	1	1			1		[#1]	1	1
657	Renault	Clio II			149	2001-2005						2+3	3	3					[#2]	2	2
658	Renault	Clio II			215	2001-2005						2+3	3	3					[#2]	2	2
659	Renault	Clio III GrandTour		51		2008-2012						1	1	1			1	+	[#1]	1	1
660	Renault	Clio III	R	51		2005-2012						1	1	1			1	+	[#1]	1	1
661	Renault	Clio IV	X98	153		2012->		1	1			1	1	1			1		[#1]	1	1
662	Renault	Espace IV	JK	25		2003-2014						1	1	1				+	[#1]	1	
663	Renault	Espace V		194		2015->						1	1	1	1				[#1]	1	1
664	Renault	Fluence		50		2009->						1	1	1					[#1]	1	1
665	Renault	Grand Modus		51		2008-2012						1	1	1			1	+	[#1]	1	1
666	Renault	Grand Scenic II		194		2016->						1	1	1	1					1	1
667	Renault	Kadjar		194		2015->						1	1	1	1				[#1]	1	1
668	Renault	Kangoo II	X61	57		2008->						1	1	1			1	+	[#1]	1	1
669	Renault	Kangoo II	X61	210		2008->						1	1	1			1	+	[#1]	1	1
670	Renault	Koleos II		194		2016->						1	1	1	1				[#1]	1	1
671	Renault	Laguna II Facelift	G	25		2005-2007	After facelift. (FL)					1	1	1				+	[#1]	1	
672	Renault	Laguna III	T	50		2007->						1	1	1					[#1]	1	1
673	Renault	Latitude		50		2010->						1	1	1					[#1]	1	1
674	Renault	Magnum			88	2001-2007														2	2
675	Renault	Magnum			88	2007-2013														2	2
676	Renault	Master II			149	2003-2010						2+3	3	3					[#2]	2	2
677	Renault	Master II			215	2003-2010						2+3	3	3					[#2]	2	2
678	Renault	Master III		210		2010-2014						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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
679	Renault	Master III FL		210		2014->						1	1	1			1	+	[#1]	1	1
680	Renault	Megane II			149	2002-2009						2+3	3	3					[#2]	2	2
681	Renault	Megane II			215	2002-2009						2+3	3	3					[#2]	2	2
682	Renault	Megane II		209		2002-2009						1	1	1				+	[#1]	1	
683	Renault	Megane III	B95	50		2008->						1	1	1					[#1]	1	1
684	Renault	Megane IV		194		2015->						1	1	1	1				[#1]	1	1
685	Renault	Megane Generation	B95	50		2010->						1	1	1					[#1]	1	1
686	Renault	Megane GrandTour	B95	50		2009->						1	1	1					[#1]	1	1
687	Renault	Modus		51		2008-2012						1	1	1			1	+	[#1]	1	1
688	Renault	Premium			88	2001-2007														2	2
689	Renault	Premium			88	2007-2013														2	2
690	Renault	Scenic II		209		2004-2009						1	1	1				+	[#1]	1	
691	Renault	Scenic III		50		2009->						1	1	1					[#1]	1	1
692	Renault	Scenic IV		194		2016->						1	1	1	1					1	1
693	Renault	T		197		2013->						1	1								
694	Renault	T			146	2013->						2								2	2
695	Renault	T			196	2013->						2								2	2
696	Renault	Talisman		194		2015->						1	1	1	1					1	1
697	Renault	Traffic II			149	2005-2014						2+3	3	3					[#2]	2	2
698	Renault	Traffic II			215	2005-2014						2+3	3	3					[#2]	2	2
699	Renault	Traffic III		153		2014->		1	1			1	1	1			1		[#1]	1	1
700	Renault	Twingo III		153		2014->		1	1			1	1	1			1		[#1]	1	1
701	Renault	Zoe		50		2012->						1	1	1			1			1	
702	Renault	Zoe		237		2012->						1	1	1			1			1	1
703	Saab	9-3 Face lift	YS3F	67		2003-2011						1	1	1					[#4]		
704	Saab	9-5	YS3G	82		2010-2012						1	1	1	1	1	1		[#4]	1	1
705	Scania	G			88	2004-2009														2	2
706	Scania	G			88	2009->														2	2
707	Scania	P			88	2004-2009														2	2
708	Scania	P			88	2009->														2	2
709	Scania	R			88	2004-2009														2	2
710	Scania	R			88	2009->														2	2
711	Scania	S		236		2016->						1	1							1	1
712	Seat	Alhambra	7V	3	110	2009->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
713	Seat	Altea	5P	3	110	2004-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
714	Seat	Altea	5P	3	110	2008-2015		1	1		1	1+2	1	1	1	1	1			1+2	1+2
715	Seat	Altea Freetrack		3	110	2007-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
716	Seat	Altea Freetrack		3	110	2008-2015		1	1		1	1+2	1	1	1	1	1			1+2	1+2
717	Seat	Altea XL	5P	3	110	2006-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
718	Seat	Altea XL	5P	3	110	2008-2015		1	1		1	1+2	1	1	1	1	1			1+2	1+2
719	Seat	Ateca		214		2017->		1				1	1	1	1	1				1	1
720	Seat	Cordoba	6L	4	110	2002-2009		1	1	1	1	1+2	1	1	1	1				1+2	1+2
721	Seat	Exeo	3R	6	110	2008-2013		1	1	1		1	1	1	1	1				1	1
722	Seat	Ibiza III	6L	4	110	2002-2008		1	1	1	1	1+2	1	1	1	1				1+2	1+2
723	Seat	Ibiza IV	6J	73	110	2008-2015						1+2	1	1	1	1	1			1+2	1+2
724	Seat	Ibiza IV FL	6J	154		2015->		1				1	1	1	1	1	1			1	1
725	Seat	Leon I	1M	1	110	1999-2001						1	1	1						2	
726	Seat	Leon I	1M	2	110	2001-2005		1	1		1	1+2	1	1	1					1+2	1+2
727	Seat	Leon II	1P	3	110	2005-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
728	Seat	Leon II	1P	3	110	2008-2012		1	1		1	1+2	1	1	1	1	1			1+2	1+2
729	Seat	Leon III	5F	154		2012->		1				1	1	1	1	1	1			1	1
730	Seat	Mii		73	110	2010->						1+2	1	1	1	1	1			1+2	1+2
731	Seat	Toledo II	1M	1	110	1999-2001						1	1	1						2	
732	Seat	Toledo II	1M	2	110	2001-2004		1	1		1	1+2	1	1	1					1+2	1+2
733	Seat	Toledo III	5P	3	110	2004-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
734	Seat	Toledo IV		73	110	2012->						1+2	1	1	1	1	1			1+2	1+2
735	Skoda	Citigo		73	110	2012->						1+2	1	1	1	1	1			1+2	1+2
736	Skoda	Fabia I	6Y	4	110	1999-2007		1	1	1	1	1+2	1	1	1	1				1+2	1+2
737	Skoda	Fabia II	5J	4	110	2007-2010				1		1+2	1	1	1	1				1+2	1+2
738	Skoda	Fabia II	5J	73	110	2010-2014	After facelift. (FL)					1+2	1	1	1	1	1			1+2	1+2
739	Skoda	Fabia III	NJ	154		2014->		1				1	1	1	1	1	1			1	1
740	Skoda	Karoq		214		2017->		1				1	1	1	1	1				1	1
741	Skoda	Kodiaq		214		2016->		1				1	1	1	1	1				1	1
742	Skoda	Octavia I	1U	1	110	1996-2001						1	1	1						2	
743	Skoda	Octavia I	1U	2	110	2001-2010		1	1		1	1+2	1	1	1					1+2	1+2
744	Skoda	Octavia II	1Z	3	110	2004-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
745	Skoda	Octavia II	1Z	3	110	2009-2012		1	1		1	1+2	1	1	1	1	1			1+2	1+2
746	Skoda	Octavia III	5E	154		2012-2017	Version without Keyless Entry.	1				1	1	1	1	1	1			1	1
747	Skoda	Octavia III	5E	154		2012-2017	Version with Keyless Entry.	1				1	1	1	1	1	1			1	1
748	Skoda	Octavia III FL		154		2017->	After facelift. (FL)	1				1	1	1	1	1	1			1	1
749	Skoda	Rapid		73	110	2012-2015	After facelift. (FL)					1+2	1	1	1	1	1			1+2	1+2
750	Skoda	Rapid		154		2015->		1				1	1	1	1	1	1			1	1
751	Skoda	Roomster	5J	4	110	2006-2010				1		1+2	1	1	1	1				1+2	1+2
752	Skoda	Roomster	5J	73	110	2010->	After facelift. (FL)					1+2	1	1	1	1	1			1+2	1+2
753	Skoda	Superb I	3U	2	110	2001-2008		1	1		1	1+2	1	1	1					1+2	1+2
754	Skoda	Superb II	3T	3	110	2008-2015						1+2	1	1	1	1	1			1+2	1+2
755	Skoda	Superb III	3V	154		2015->		1				1	1	1	1	1	1			1	1
756	Skoda	Yeti		3	110	2009->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
757	Smart	ForTwo	W453	153		2014->		1	1			1	1	1			1		[#1]	1	1
758	Smart	ForFour				2004-2006	Lin-bus					3	3	3							
759	Subaru	BRZ		143		2012->				1		1	1	1					[#1]	1	
760	Subaru	Forester	SH	61		2008-2013	Version without Keyless Entry.	1	1			1	1	1				+	[#1]		
761	Subaru	Forester	SH	75		2008-2013	Version with Keyless Entry.	1	1			1	1	1				+	[#1]		
762	Subaru	Forester	SJ	161		2013-2016	Version with Keyless Entry.	1	1			1	1	1				+	[#1]	1	1
763	Subaru	Forester	SJ	161		2016-2017		1	1			1	1	1				+	[#1]	1	1
764	Subaru	Forester	SJ	161		2018->		1	1			1	1	1					[#1]	1	1
765	Subaru	Impreza	GR	61		2007-2012	Version without Keyless Entry.	1	1			1	1	1				+	[#1]		
766	Subaru	Impreza	GR	75		2007-2012	Version with Keyless Entry.	1	1			1	1	1				+	[#1]		
767	Subaru	Impreza		161		2017->		1	1			1	1	1					[#1]	1	1
768	Subaru	Legacy	BP	75		2006-2009	Estate	1	1			1	1	1				+	[#1]		
769	Subaru	Legacy	BL	78		2006-2009	Sedan	1	1			1	1	1				+	[#1]		
770	Subaru	Legacy		75		2009-2014	Estate	1	1			1	1	1				+	[#1]		
771	Subaru	Legacy		78		2009-2014	Sedan	1	1			1	1	1				+	[#1]		
772	Subaru	Outback		75		2003-2009	Estate	1	1			1	1	1				+	[#1]		
773	Subaru	Outback		78		2003-2009	Sedan	1	1			1	1	1				+	[#1]		
774	Subaru	Outback	BR	239		2010-2013	Version without Keyless Entry.					1	1	1	1	1		+	[#1]		
775	Subaru	Outback	BR	83		2010-2013	Version with Keyless Entry.	1	1			1	1	1							
776	Subaru	Outback	BR	162		2013-2015	With/without keyless	1	1			1	1	1	1	1		+	[#1]		
777	Subaru	Outback	BS	161		2015-2017		1	1			1	1	1				+	[#1]	1	1
778	Subaru	Outback	BS	161		2017->		1	1			1	1	1					[#1]	1	1
779	Subaru	XV		229		2011->	Version without Keyless Entry.					1	1	1				+	[#1]		1
780	Subaru	XV		161		2015->	Version with Keyless Entry.	1	1			1	1	1					[#1]	1	1
781	Suzuki	Alto		81		2009->						1	1	1				+	[#1]	1	1
782	Suzuki	Baleno		163		2015->						1	1	1			1	+	[#1]	1	1
783	Suzuki	Celerio		81		2014->						1	1	1				+	[#1]	1	1
784	Suzuki	Grand Vitara III		44		2005-2009	Version with Keyless Entry.	1	1	1		1	1	1					[#1]	1	1
785	Suzuki	Grand Vitara III		81		2005-2009	Version without Keyless Entry.	1	1	1		1	1	1				+	[#1]	1	1
786	Suzuki	Ignis		163		2016->						1	1	1			1	+	[#1]	1	1
787	Suzuki	Splash		44		2008-2014	Version with Keyless Entry.	1	1	1		1	1	1					[#1]	1	1
788	Suzuki	Splash		81		2008-2014	Version without Keyless Entry.	1	1	1		1	1	1				+	[#1]	1	1
789	Suzuki	Swift	JP 4gen/6gen	163		2017->						1	1	1			1	+	[#1]	1	1
790	Suzuki	SX4		44		2006-2013	Version with Keyless Entry.	1	1	1		1	1	1					[#1]	1	1
791	Suzuki	SX4		81		2006-2013	Version without Keyless Entry.	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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
792	Suzuki	SX4		163		2013->		1	1	1		1	1	1				+	[#1]	1	1
793	Suzuki	Vitara		163		2015->		1	1	1		1	1	1				+	[#1]	1	1
794	Tesla	S		250	251	2012->						1+2	1+2	1+2	1+2	1+2	1+2			1+2	
795	Toyota	GT86	ZN6	142		2012->				1		1	1	1					[#1]	1	
796	Toyota	Alphard	12	97		2008->		1	1	1		1	1	1	1				[#1]	1	1
797	Toyota	Aurion	NZT26	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
798	Toyota	Auris	E15	97		2006-2012		1	1	1		1	1	1	1				[#1]	1	1
799	Toyota	Auris	E18	127		2012->		1	1	1		1	1	1					[#6]	1	1
800	Toyota	Avensis	T27	32		2009-2012		1	1	1		1	1	1	1				[#1]	1	1
801	Toyota	Avensis	T27	212		2012->	After facelift. (FL)	1	1	1		1	1	1	1				[#6]	1	1
802	Toyota	Aygo		213		2014->						1	1	1					[#6]	1	1
803	Toyota	Aygo	KSP9	100		2006->		1	1	1		1	1	1	1				[#1]	1	1
804	Toyota	Blade	AZE15	97		2006->		1	1	1		1	1	1	1				[#1]	1	1
805	Toyota	C-HR		208		2016->		1	1			1	1	1						1	1
806	Toyota	Camry	XV40	97		2006-2011		1	1	1		1	1	1	1				[#1]	1	1
807	Toyota	Camry	XV50	127		2011-2019		1	1	1		1	1	1					[#1]	1	1
808	Toyota	Camry	XV70	127		2017->		1	1	1		1	1	1						1	1
809	Toyota	Corolla	E15	97		2006-2013		1	1	1		1	1	1	1				[#1]	1	1
810	Toyota	Corolla	E16	127		2012->		1	1	1		1	1	1					[#1]	1	1
811	Toyota	Corolla	E17	127		2013->		1	1	1		1	1	1					[#6]	1	1
812	Toyota	Corolla	E21	127		2018->		1	1	1		1	1	1						1	1
813	Toyota	Corolla Axio	14	97		2006->		1	1	1		1	1	1	1				[#1]	1	1
814	Toyota	Corolla Fielder	14	97		2006->		1	1	1		1	1	1	1				[#1]	1	1
815	Toyota	Corolla Rumion	15	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
816	Toyota	Crown	S200	100		2008-2012		1	1	1		1	1	1	1	1			[#1]	1	1
817	Toyota	Crown Hybrid	GWS20	100		2008->		1	1	1		1	1	1	1	1			[#1]	1	1
818	Toyota	Crown Majesta	S20	100		2008->		1	1	1		1	1	1	1	1			[#1]	1	1
819	Toyota	Estima	5	97		2006->		1	1	1		1	1	1	1				[#1]	1	1
820	Toyota	Estima Hybrid	AHR20	97		2006->		1	1	1		1	1	1	1				[#1]	1	1
821	Toyota	HiLux	AN120	127		2015->				1		1	1							1	1
822	Toyota	HiLux	AN120	227		2015->				1		1	1					+		1	1
823	Toyota	Ist	NCP1	99		2007->		1		1		1	1	1					[#1]	1	1
824	Toyota	iQ	KGJ10	100		2008-2014		1		1		1	1	1	1				[#1]	1	1
825	Toyota	Land Cruiser	J200	98		2007-2017		1	1	1		1	1	1	1	1			[#1]	1	1
826	Toyota	Land Cruiser	J200	208		2018->		1	1			1	1	1						1	1
827	Toyota	Land Cruiser Prado	J150	99		2009->		1		1		1	1	1		1			[#1]	1	1
828	Toyota	Mark X	x13	100		2009->		1	1	1		1	1	1	1				[#1]	1	1
829	Toyota	Mark X Zio	1	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
830	Toyota	Noah	7	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
831	Toyota	Premio	26	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
832	Toyota	Prius	ZVW3#	97		2009-2016		1	1	1		1	1	1	1				[#1]	1	1
833	Toyota	Prius	ZVW3#	105		2009-2016		1	1	1		1	1	1					[#1]	1	1
834	Toyota	Prius	ZVW5#	208		2016->		1	1			1	1	1						1	1
835	Toyota	ProAce		145		2016->						1						+		1	1
836	Toyota	RAV4	ACA3	32		2005-2009		1		1		1	1	1	1				[#1]	1	1
837	Toyota	RAV4	ACA3	32		2009-2013		1		1		1	1	1	1				[#1]	1	1
838	Toyota	RAV4	XA40	127		2013-2016		1	1	1		1	1	1					[#1]	1	1
839	Toyota	RAV4	XA40	127		2016-2019	CAN-bus OBD connection is not allowed	1	1	1		1	1	1						1	1
840	Toyota	RAV4	XA50	127		2019->		1	1	1		1	1	1						1	1
841	Toyota	Sai	AZK10	100		2009->		1	1	1		1	1	1	1	1			[#1]	1	1
842	Toyota	Urban Cruiser		32		2009->		1		1		1	1	1	1				[#1]	1	1
843	Toyota	Vanguard	14	32		2006->		1		1		1	1	1	1				[#1]	1	1
844	Toyota	Vanguard	14	97		2006->			1	1		1	1	1	1				[#1]	1	1
845	Toyota	Vellfire	12	97		2008->		1	1	1		1	1	1	1				[#1]	1	1
846	Toyota	Verso		48		2009->		1		1		1	1	1	1				[#1]	1	1
847	Toyota	Verso		212		2013->		1	1	1		1	1	1	1				[#6]	1	1
848	Toyota	Vitz	P9	32		2008->		1		1		1	1	1	1				[#1]	1	1
849	Toyota	Voxy	7	97		2007->		1	1	1		1	1	1	1				[#1]	1	1
850	Toyota	Wish	E2	97		2009->		1	1	1		1	1	1	1				[#1]	1	1
851	Toyota	Yaris	XP9	48		2006-2011		1		1		1	1	1	1				[#1]	1	1
852	Toyota	Yaris	XP13	127		2011->		1	1	1		1	1	1					[#6]	1	1
853	Toyota	Yaris	XP13	192		2011->	With deadlock	1	1	1		1	1	1					[#6]	1	1
854	Volkswagen	Amarok		73	110	2010->						1+2	1	1	1	1	1			1+2	1+2
855	Volkswagen	Arteon		214		2017->		1				1	1	1	1	1				1	1
856	Volkswagen	Bora	1J	1	110	1998-2001						1	1	1						2	
857	Volkswagen	Bora	1J	2	110	2001-2005		1	1		1	1+2	1	1	1					1+2	1+2
858	Volkswagen	Caddy	2K	3	110	2004-2010		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
859	Volkswagen	Caddy	2K	3	110	2010-2015		1	1		1	1+2	1	1	1	1	1			1+2	1+2
860	Volkswagen	Caddy	2K	3	110	2015->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
861	Volkswagen	Caravelle	T5	4	110	2003-2010		1	1	1	1	1+2	1	1	1	1				1+2	1+2
862	Volkswagen	Caravelle	T5GP	73	110	2010-214						1+2	1	1	1	1	1			1+2	1+2
863	Volkswagen	Caravelle	T6	73	110	2014->						1+2	1	1	1	1	1			1+2	1+2
864	Volkswagen	CC	3C	3	110	2012->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
865	Volkswagen	Crafter		16		2006-2017		1	1	1	1	1	1	1	1	1	1			1	1
866	Volkswagen	Crafter		221		2017->		1				1	1	1	1	1				1	1
867	Volkswagen	Eos	1F	3	110	2006-2010		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
868	Volkswagen	Eos	1F	3	110	2010->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
869	Volkswagen	Golf IV	1J	1	110	1997-2001						1	1	1						2	
870	Volkswagen	Golf IV	1J	2	110	2001-2003		1	1		1	1+2	1	1	1					1+2	1+2
871	Volkswagen	Golf IV	1J	238		2001-2003						1						+		1	1
872	Volkswagen	Golf V	1K	3	110	2003-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
873	Volkswagen	Golf VI	1K	3	110	2008-2012		1	1		1	1+2	1	1	1	1	1			1+2	1+2
874	Volkswagen	Golf VI	1K	129	110	2008-2012	Door lock control w/o dead lock	1	1		1	1+2	1	1	1	1	1			1+2	1+2
875	Volkswagen	Golf VII	AU	154		2012->	Version with Keyless Entry.	1				1	1	1	1	1	1			1	1
876	Volkswagen	Golf VII	AU	154		2012->	Version without Keyless Entry.	1				1	1	1	1	1	1			1	1
877	Volkswagen	Golf VII eGolf		249		2012->		1				1	1	1	1	1	1			1	
878	Volkswagen	Golf Plus	1K	3	110	2005-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
879	Volkswagen	Golf Plus	1K	3	110	2009->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
880	Volkswagen	Jetta V	1K	3	110	2005-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
881	Volkswagen	Jetta V	1K	3	110	2008-2010		1	1		1	1+2	1	1	1	1	1			1+2	1+2
882	Volkswagen	Jetta VI	1B	3	110	2010->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
883	Volkswagen	Multivan	T5	4	110	2003-2010		1	1	1	1	1+2	1	1	1	1				1+2	1+2
884	Volkswagen	Multivan	T5GP	73	110	2010-2014						1+2	1	1	1	1	1			1+2	1+2
885	Volkswagen	Multivan	T6	73	110	2014->						1+2	1	1	1	1	1			1+2	1+2
886	Volkswagen	New Beetle	1C/1Y/9C	1	110	1997-2001						1	1	1						2	
887	Volkswagen	New Beetle	1C/1Y/9C	2	110	2001-2011	If no CAN in comfort module use level 238	1	1		1	1+2	1	1	1					1+2	1+2
888	Volkswagen	New Beetle	1C/1Y/9C	238		2001-2011						1						+		1	1
889	Volkswagen	Passat B5	3B	1	110	1996-2000						1	1	1						2	
890	Volkswagen	Passat B5GP	3B	2	110	2000-2005		1	1		1	1+2	1	1	1					1+2	1+2
891	Volkswagen	Passat B6	3C	3	110	2005-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
892	Volkswagen	Passat B6	3C	3	110	2008-2010		1	1		1	1+2	1	1	1	1	1			1+2	1+2
893	Volkswagen	Passat B6	3C	129	110	2005-2009	Door lock control w/o dead lock	1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
894	Volkswagen	Passat B6	3C	129	110	2008-2010	Door lock control w/o dead lock	1	1		1	1+2	1	1	1	1	1			1+2	1+2
895	Volkswagen	Passat B7	3C	3	110	2010-2015		1	1		1	1+2	1	1	1	1	1			1+2	1+2
896	Volkswagen	Passat B8	B8	154		2015->		1				1	1	1	1	1	1			1	1
897	Volkswagen	Passat CC	3C	3	110	2008->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
898	Volkswagen	Polo	9N	4	110	2001-2005		1	1	1	1	1+2	1	1	1	1				1+2	1+2
899	Volkswagen	Polo	9N3	4	110	2005-2009	After facelift. (FL)			1		1+2	1	1	1	1				1+2	1+2
900	Volkswagen	Polo	6R	73	110	2009-2014						1+2	1	1	1	1	1			1+2	1+2
901	Volkswagen	Polo	6C	154		2014->		1				1	1	1	1	1	1			1	1
902	Volkswagen	Scirocco	13	3	110	2008->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
903	Volkswagen	Sharan	7N	3	110	2010->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
904	Volkswagen	Phaeton	3D	20		2002->	If the doors are not detected set parameter 77	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

LIST OF CARS FOR TYTAN DS450 FIRMWARE VERSION **1058**

factory default - parameter 1 - level 3 358

NO	BRAND	MODEL	CODE	LEVEL CAN	LEVEL CAN2	YEAR	NOTE	CAN-BUS CONTROL: CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	IGNITION	DOORS	TRUNK / BOOT / REAR HATCH	BONNNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	SPEED	RPM / L-TERMINAL
905	Volkswagen	Phaeton	3D	77		2002->		1	1	1	1	1	1	1	1	1					
906	Volkswagen	Touareg	7L	20		2002-2010	If the doors are not detected set parameter 77	1	1	1	1	1	1	1	1	1					
907	Volkswagen	Touareg	7L	77		2002-2010		1	1	1	1	1	1	1	1	1					
908	Volkswagen	Touareg	7P5	104		2010->	Keyless trunk **DO NOT** unlock all doors	1	1			1	1	1	1	1				1	1
909	Volkswagen	Touareg	7P5	106		2010->	Keyless trunk unlocks all doors	1	1			1	1	1	1	1				1	1
910	Volkswagen	Touareg		214		2016->		1				1	1	1	1	1				1	1
911	Volkswagen	Tiguan	5N	3	110	2007-2009		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
912	Volkswagen	Tiguan	5N	3	110	2008-2011		1	1		1	1+2	1	1	1	1	1			1+2	1+2
913	Volkswagen	Tiguan	5N	3	110	2011-2016		1	1		1	1+2	1	1	1	1	1			1+2	1+2
914	Volkswagen	Tiguan		214		2016->		1				1	1	1	1	1				1	1
915	Volkswagen	Tiguan Allspace		214		2017->		1				1	1	1	1	1				1	1
916	Volkswagen	Touran	1T	3	110	2003-2006		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
917	Volkswagen	Touran (GP)	1T	3	110	2006-2010		1	1	1	1	1+2	1	1	1	1	1			1+2	1+2
918	Volkswagen	Touran (GP2)	1T	3	110	2010->		1	1		1	1+2	1	1	1	1	1			1+2	1+2
919	Volkswagen	Transporter	T4		110	1997-2004						2								2	2
920	Volkswagen	Transporter	T5	4	110	2003-2010		1	1	1	1	1+2	1	1	1	1				1+2	1+2
921	Volkswagen	Transporter	T5GP	73	110	2010-2014						1+2	1	1	1	1	1			1+2	1+2
922	Volkswagen	Transporter	T6	73	110	2014->						1+2	1	1	1	1	1			1+2	1+2
923	Volkswagen	Up		73	110	2011->						1+2	1	1	1	1	1			1+2	1+2
924	Volkswagen	Vento	6C	154		2014->		1				1	1	1	1	1	1			1	1
925	Volvo	C30		157		2006-2012	If does not work use other Volvo levels					1	1	1							
926	Volvo	FL6 1gen FL			88	2000-2006						2								2	2
927	Volvo	FL 2gen			88	2006-2013						2								2	2
928	Volvo	FL Euro6			146	2013->						2								2	2
929	Volvo	FL Euro6			196	2013->						2								2	2
930	Volvo	FL Euro6		197		2013->						1	1								
931	Volvo	FM7 1gen			88	1998-2001						2								2	2
932	Volvo	FM10 1gen			88	1998-2001						2								2	2
933	Volvo	FM12 1gen			88	1998-2001						2								2	2
934	Volvo	FM7 2gen			88	2001-2005						2								2	2
935	Volvo	FM10 2gen			88	2001-2005						2								2	2
936	Volvo	FM12 2gen			88	2001-2005						2								2	2
937	Volvo	FM 2gen lift1			88	2005-2010						2								2	2
938	Volvo	FM 2gen lift2			88	2010-2013						2								2	2
939	Volvo	FM Euro6			146	2013->						2								2	2
940	Volvo	FM Euro6			196	2013->						2								2	2
941	Volvo	FM Euro6		197		2013->						1	1								
942	Volvo	FH12 ver98			88	1998-2002						2								2	2
943	Volvo	FH16 ver98			88	1998-2002						2								2	2
944	Volvo	FH12 2gen			88	2002-2005						2								2	2
945	Volvo	FH16 2gen			88	2002-2005						2								2	2
946	Volvo	FH 2gen lift1			88	2005-2008						2								2	2
947	Volvo	FH 2gen lift2			88	2008-2013						2								2	2
948	Volvo	FH Euro6			146	2013->						2								2	2
949	Volvo	FH Euro6			196	2013->						2								2	2
950	Volvo	FH Euro6		197		2013->						1	1								
951	Volvo	FH13 Euro6			146	2013->						2								2	2
952	Volvo	FH13 Euro6			196	2013->						2								2	2
953	Volvo	FH13 Euro6		197		2013->						1	1								
954	Volvo	S40	M	26		2004-2012	If does not work use other Volvo levels					1	1	1				+			
955	Volvo	S60	P24	76		2000-2004	If does not work use other Volvo levels					1	1	1							
956	Volvo	S60	P24	38		2004-2009	If does not work use other Volvo levels					1	1	1							
957	Volvo	S60	P24	21		2004-2009	If does not work use other Volvo levels					1	1	1						1	
958	Volvo	S60	Y20	155		2010->	If does not work use other Volvo levels	1				1	1	1	1	1				1	
959	Volvo	S60	Y20	156		2010->	If does not work use other Volvo levels					1	1	1	1	1	1			1	1
960	Volvo	S80	TS	24		2001-2005	If does not work use other Volvo levels	1	1			1	1	1							
961	Volvo	S80	TS	35		2001-2005	If does not work use other Volvo levels					1	1	1							
962	Volvo	S80	TS	21		2005-2009	If does not work use other Volvo levels					1	1	1						1	
963	Volvo	S80	AS	90		2009-2012	If does not work use other Volvo levels	1				1	1	1	1	1					
964	Volvo	S80 Facelift	AS	156		2012->	If does not work use other Volvo levels					1	1	1	1	1	1			1	1
965	Volvo	S90		230		2016->						1	1	1	1	1				1	1
966	Volvo	V40		185		2012->		1				1	1	1						1	1
967	Volvo	V50	M	26		2004-2007	If does not work use other Volvo levels					1	1	1				+			
968	Volvo	V50	M	157		2007-2012	If does not work use other Volvo levels					1	1	1				+			
969	Volvo	V60		155		2011->	If does not work use other Volvo levels	1				1	1	1	1	1				1	
970	Volvo	V70	P26	56		2000-2004	If does not work use other Volvo levels					1	1	1							
971	Volvo	V70	24	21		2005-2007	If does not work use other Volvo levels	1				1	1	1	1	1				1	
972	Volvo	V70	24	35		2005-2007	If does not work use other Volvo levels	1				1	1	1	1	1					
973	Volvo	V70	24	38		2005-2007	If does not work use other Volvo levels	1				1	1	1	1	1					
974	Volvo	V70	24	90		2007-2013	If does not work use other Volvo levels	1				1	1	1	1	1					
975	Volvo	V70		156		2013->	If does not work use other Volvo levels					1	1	1	1	1	1			1	1
976	Volvo	XC60		90		2008-2013	If does not work use other Volvo levels	1				1	1	1	1	1					
977	Volvo	XC60		155		2013-2017	If does not work use other Volvo levels	1				1	1	1	1					1	
978	Volvo	XC60		156		2013-2017	If does not work use other Volvo levels					1	1	1	1	1	1			1	1
979	Volvo	XC60		230		2017->						1	1	1	1	1				1	1
980	Volvo	XC70	P2	24		2000-2004	If does not work use other Volvo levels					1	1	1							
981	Volvo	XC70	P2	35		2000-2004	If does not work use other Volvo levels					1	1	1							
982	Volvo	XC70	P2	21		2004-2007	If does not work use other Volvo levels					1	1	1						1	
983	Volvo	XC70	P2	35		2004-2007	If does not work use other Volvo levels					1	1	1							
984	Volvo	XC70	P24	90		2007-2013	If does not work use other Volvo levels	1				1	1	1	1	1					
985	Volvo	XC70		156		2013->	If does not work use other Volvo levels					1	1	1	1	1	1			1	1
986	Volvo	XC90		34		2002-2005	If does not work use other Volvo levels	1	1			1	1	1						1	
987	Volvo	XC90		35		2002-2005	If does not work use other Volvo levels	1	1			1	1	1							
988	Volvo	XC90		56		2002-2005	If does not work use other Volvo levels	1	1			1	1	1							
989	Volvo	XC90		21		2005-2007	If does not work use other Volvo levels	1	1			1	1	1						1	
990	Volvo	XC90		90		2007-2012	If does not work use other Volvo levels	1				1	1	1	1	1					
991	Volvo	XC90		155		2012-2013		1				1	1	1	1					1	
992	Volvo	XC90		230		2015->						1	1	1	1	1				1	1
993	EOBD	(EU)			111		compatible vehicles					2								2	2
994	OBD-II	(USA)			111		compatible vehicles					2								2	2

* 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