



[en]=> P/N 225238xx (CAN-Control DTC)

Cars		Legend	
Function	Year	Program #	From
<ul style="list-style-type: none"> <li>1. Ignition</li> <li>2. Key inserted</li> <li>3. Key removed</li> <li>4. Engine is working</li> <li>5. Engine is working on CAN</li> <li>6. Handbrake</li> <li>7. Reverse</li> <li>8. Status of the hazard warning lights switch</li> <li>9. Front left door</li> <li>10. Front right door</li> <li>11. Rear left door</li> <li>12. Rear right door</li> <li>13. Hood</li> <li>14. Trunk cover</li> <li>15. Trunk cover (lock)</li> <li>16. Charging cable connected</li> <li>17. HV battery charging</li> <li>18. Electric engine working</li> <li>19. Car has been closed using original remote or module command</li> <li>20. Battery alarm</li> <li>21. Immobilized alarm</li> <li>22. Original remote - CLOSE</li> <li>23. Original remote - OPEN</li> <li>24. Original remote of the car - Resuming</li> <li>25. Original remote of the car - Open trunk</li> <li>26. The horn</li> <li>27. Reverse</li> <li>28. Neutral</li> <li>29. Drive</li> <li>30. Engine is working on LPG</li> <li>31. Blinking lights</li> <li>32. Blurred headlights</li> <li>33. Full beam headlights</li> <li>34. Rear fog lights</li> <li>35. Front fog lights</li> <li>36. Turn right lights</li> <li>37. Turn left lights</li> <li>38. Left mirror fold</li> <li>39. Right mirror fold</li> <li>40. Total mileage of this vehicle (odometer)</li> <li>41. Vehicle mileage - (counted)</li> <li>42. Total fuel consumption</li> <li>43. Fuel level (in percent)</li> <li>44. Fuel level (in liters)</li> <li>45. Engine speed (RPM)</li> <li>46. Engine temperature</li> <li>47. Vehicle speed</li> <li>48. Vehicle speed (average)</li> <li>49. Lateral level (in liters)</li> <li>50. Acceleration pedal position</li> <li>51. VIN number</li> <li>52. HV battery level</li> <li>53. Total CAN use</li> <li>54. Total CAN consumption</li> <li>55. CAN level (in percent)</li> <li>56. CAN level (in kilograms)</li> <li>57. Vehicle range</li> <li>58. Vehicle's range on HV battery</li> <li>59. Vehicle's range on CAN battery</li> <li>60. Time to the end of the HV battery charge</li> <li>61. CAN level (in bars)</li> <li>62. Total CAN use</li> <li>63. Total CAN use - (count 0)</li> <li>64. CAN level (in percent)</li> <li>65. CAN level (in kilograms)</li> <li>66. Floor compartment temperature</li> <li>67. Active year number</li> <li>68. Road stage speed limit</li> <li>69. HV battery pack voltage</li> <li>70. HV battery pack voltage (average)</li> <li>71. Maximum HV battery cell voltage</li> <li>72. Maximum HV battery cell voltage</li> <li>73. Reading DTC ECU</li> <li>74. Erasing DTC ECU</li> <li>75. Reading DTC ABS</li> <li>76. Erasing DTC ABS</li> <li>77. Reading DTC SRS</li> <li>78. Erasing DTC SRS</li> <li>79. Reading DTC TCM</li> <li>80. Erasing DTC TCM</li> <li>81. Reading DTC BMS</li> <li>82. Erasing DTC BMS</li> <li>83. Reading DTC machines</li> <li>84. Erasing DTC machines</li> <li>85. Reading DTC HV BATTERY</li> <li>86. Erasing DTC HV BATTERY</li> <li>87. Reading DTC HYBRID SYSTEM</li> <li>88. Erasing DTC HYBRID SYSTEM</li> <li>89. Alternative control of central locking</li> <li>90. All doors lock</li> <li>91. All doors unlock</li> <li>92. Alternative control (central locking)</li> <li>93. Center lock when talks on</li> <li>94. Alternative turn signal control</li> <li>95. Turn signal control</li> <li>96. Horn control</li> <li>97. Center clearance</li> <li>98. Speed limit with value</li> <li>99. Exceeding the speed specified by the sign - Speed limit with value</li> </ul>			
18 ALFA ROMEO STELVIO	year: 2018=>	program % 12234	from 2022-03-08
19 ALFA ROMEO TONALE (hybrid)	year: 2022=>	program % 14316	from 2022-08-09
20 ASTON MARTIN DB11	year: 2017=>	program % 13668	from 2021-05-10
21 ASTON MARTIN VANTAGE V8	year: 2009=>	program % 11397	from 2017-09-01
22 AUDI A1 (GB) (Start-button)	year: 2019=>	program % 13112	from 2022-05-31
23 AUDI A1 (RX)	year: 2015=>	program % 11173	from 2017-09-01
24 AUDI A1 (RX)	year: 2018=>	program % 11173	from 2017-09-01
25 AUDI A3 (CV) (Automatic-transmission)	year: 2021=>	program % 13661	from 2021-11-16
26 AUDI A3 (CV) (Start-button)	year: 2021=>	program % 13662	from 2021-11-16
27 AUDI A3 (RV) (Start-button)	year: 2017=>	program % 13378	from 2022-06-10
28 AUDI A3 (RV) (Regular-key)	year: 2017=>	program % 13447	from 2022-05-31
29 AUDI A3 (RV) (Start-button)	year: 2015=>	program % 12423	from 2022-05-31
30 AUDI A3 (RV) (Regular-key)	year: 2015=>	program % 13441	from 2022-05-31
31 AUDI A3 (RV)	year: 2013=>	program % 11448	from 2022-05-31
32 AUDI A3 / S3 (RP)	year: 2010=>	program % 11173	from 2017-09-01
33 AUDI A3 / S3 (RP)	year: 2003=>	program % 11136	from 2017-09-01
34 AUDI A4 (F4)	year: 2019=>	program % 12979	from 2022-07-19

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Cars		Legend	
Model	Year	Program #	From
35) AUDI A4 (F4)	2016->	11917	2022-05-31
36) AUDI A4 (F1)	2012->	13313	2020-09-08
37) AUDI A4 / S4 (8K)	2008->	11299	2020-09-08
38) AUDI A4 / S4 (8E)	2005->	11132	2017-09-01
39) AUDI A4 / S4 (8E)	2001->	11132	2017-09-01
40) AUDI A5 (F3)	2020->	13371	2022-07-19
41) AUDI A5 (F3)	2017->	11917	2022-05-31
42) AUDI A5 (AP)	2013->	13346	2020-09-08
43) AUDI A5 (8T)	2013->	13345	2020-09-08
44) AUDI A5 / S5 (8T)	2007->	13344	2020-09-08
45) AUDI A6 (F2)	2019->	12417	2022-05-31
46) AUDI A6 (6C)	2014->	13347	2022-05-31
47) AUDI A6 (6C)	2011->	13298	2022-05-31
48) AUDI A6 (4B)	1998->	11262	2017-09-01
49) AUDI A6 / S6 / RS6 (4F)	2005->	11131	2017-09-01
50) AUDI A7 (F2)	2019->	12418	2022-05-31
51) AUDI A7 (FC)	2012->	13349	2022-05-31







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Cars		Legend	
Model	Year	Program #	From
86) BMW 1 (F40)	year: 2019=>	program # 12931	from 2021-07-21
87) BMW 1 (F20)	year: 2015=>	program # 12763	from 2021-07-20
88) BMW 1 (F20)	year: 2011=>	program # 12746	from 2021-07-20
89) BMW 1 (E81 / E82 / E87 / E88)	year: 2004=>	program # 11118	from 2020-11-19
90) BMW 1 (E81 / E82 / E87 / E88) (Keyless)	year: 2004=>	program # 11137	from 2020-11-19
91) BMW 2 (L96)	year: 2022=>	program # 14424	from 2022-11-24
92) BMW 2 (F44)	year: 2020=>	program # 13433	from 2021-07-21
93) BMW 2 (F45)	year: 2014=>	program # 12778	from 2021-07-20
94) BMW 3 (G20 / G21)	year: 2019=>	program # 12764	from 2020-11-19
95) BMW 3 (F30)	year: 2012=>	program # 12746	from 2021-07-20
96) BMW 3 (F30) (RSD)	year: 2012=>	program # 12747	from 2021-07-20
97) BMW 3 (E90 / E91 / E92 / E93)	year: 2005=>	program # 11118	from 2020-11-19
98) BMW 3 (E90 / E91 / E92 / E93) (Keyless)	year: 2005=>	program # 11137	from 2020-11-19
99) BMW 3 (E46) (Cable)	year: 2001=>	program # 13549	from 2021-02-17
100) BMW 3 GT (F34)	year: 2013=>	program # 12313	from 2021-07-20
101) BMW 4 (G23) (Cable)	year: 2021=>	program # 13582	from 2021-07-21
102) BMW 4 (F36)	year: 2014=>	program # 12183	from 2022-01-27

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CARS		Legend	
Model	Year	Program #	Start Date
103) BMW 4 (F33) (Cabrio)	2014->	13736	2014-07-20
104) BMW 4 (F32)	2013->	12762	2013-07-20
105) BMW 5 (G30)	2021->	13562	2021-07-20
106) BMW 5 (G30)	2017->	12186	2021-07-21
107) BMW 5 (F10) (Hybrid)	2014->	13825	2021-06-17
108) BMW 5 (F10 / F11)	2010->	11275	2022-02-28
109) BMW 5 (F18)	2010->	11275	2020-11-19
110) BMW 5 (F80 / F81)	2003->	11118	2020-11-19
111) BMW 5 (E60 / E61) (Keyless)	2003->	11137	2020-11-19
112) BMW 5 GT (F07)	2009->	11275	2020-11-19
113) BMW 4 (F12) (Cabrio)	2015->	13738	2021-07-15
114) BMW 6 (G63 / G64)	2005->	11118	2020-11-19
115) BMW 6 (G63 / G64) (Keyless)	2005->	11137	2020-11-19
116) BMW 6 (M6 (F13))	2011->	11275	2020-11-19
117) BMW 6 GT (G32)	2017->	12182	2021-07-20
118) BMW 7 (G11)	2019->	12858	2020-11-23
119) BMW 7 (G11)	2016->	11691	2020-11-19







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Cars		Legend	
Model	Year	Program	From
137) BMW X3 (G01)	2018->	12421	2021-07-20
138) BMW X3 (G25)	2018->	11351	2020-11-19
139) BMW X4 (G02)	2018->	12479	2022-06-22
140) BMW X4 (F26)	2014->	11351	2020-11-19
141) BMW X5 (G05)	2018->	12595	2022-06-22
142) BMW X5 (F15) (non-MSD)	2013->	12594	2021-07-20
143) BMW X5 (E70)	2007->	11118	2020-11-19
144) BMW X5 (E70) (Keyless)	2007->	11117	2020-11-19
145) BMW X5 (E53)	1999->	11293	2020-11-19
146) BMW X6 (E96)	2021->	13561	2021-07-21
147) BMW X6 (F16)	2015->	12661	2021-07-20
148) BMW X6 (E71)	2008->	11118	2020-11-19
149) BMW X6 (E71) (Keyless)	2008->	11117	2020-11-19
150) BMW X7 (G07)	2023->	14422	2023-11-24
151) BMW X7 (G07)	2019->	12936	2021-07-21
152) BMW Z4 (E89)	2009->	11118	2020-11-19
153) BMW Z4 (E89) (Keyless)	2009->	11117	2020-11-19







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Cars		Legend	
Model	Year	Program #	From
188) CHEVROLET AVEO (T300)	2011->	program № 11243	from 2020-07-03
189) CHEVROLET BLAZER	2019->	program № 13328	from 2020-09-09
190) CHEVROLET CAMARO V1	2016->	program № 13427	from 2020-11-20
191) CHEVROLET CAMARO V	2014->	program № 11586	from 2017-09-01
192) CHEVROLET CAPTIVA	2022->	program № 13933	from 2021-11-27
193) CHEVROLET CAPTIVA (C100)	2014->	program № 11149	from 2017-09-01
194) CHEVROLET CAPTIVA (C100)	2011->	program № 11149	from 2017-09-01
195) CHEVROLET CAPTIVA (C100)	2007->	program № 11149	from 2017-09-01
196) CHEVROLET CAVALIER	2021->	program № 13973	from 2022-01-17
197) CHEVROLET COBALT	2012->	program № 11243	from 2020-07-03
198) CHEVROLET COLORADO	2021->	program № 13912	from 2021-11-23
199) CHEVROLET CRUZE (G105)	2013->	program № 14143	from 2022-02-21
200) CHEVROLET CRUZE (G100)	2009->	program № 11243	from 2020-07-03
201) CHEVROLET D-MAX	2012->	program № 11582	from 2019-06-10
202) CHEVROLET EXPRESS	2019->	program № 13879	from 2021-10-29
203) CHEVROLET GROOVE	2020->	program № 13917	from 2021-11-25
204) CHEVROLET MALIBU (V300)	2013->	program № 11243	from 2020-07-03



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CARS		Legend	
Model	Year	Program #	From
205) CHEVROLET ORLANDO	year: 2010->	program № 11243	from 2020-07-03
206) CHEVROLET SILVERADO	year: 2019->	program № 13932	from 2021-12-16
207) CHEVROLET SPARK (M400)	year: 2019->	program № 13255	from 2020-07-09
208) CHEVROLET SPARK (M400) (LatAmMarket)	year: 2019->	program № 13915	from 2021-11-24
209) CHEVROLET SPARK (M300)	year: 2013->	program № 11585	from 2017-09-01
210) CHEVROLET SUBURBAN	year: 2007->	program № 11687	from 2017-09-01
211) CHEVROLET TAHOE	year: 2021->	program № 13974	from 2022-01-18
212) CHEVROLET TAHOE (Keyless)	year: 2015->	program № 11584	from 2017-09-01
213) CHEVROLET TAHOE	year: 2008->	program № 11198	from 2017-09-01
214) CHEVROLET TRACKER	year: 2020->	program № 13968	from 2021-12-22
215) CHEVROLET TRAILBLAZER	year: 2012->	program № 11243	from 2020-07-03
216) CHEVROLET TRAX	year: 2013->	program № 11243	from 2020-07-03
217) CHRYSLER 2009	year: 2015->	program № 12597	from 2021-12-09
218) CHRYSLER 300 II (Keyless)	year: 2011->	program № 11332	from 2017-09-01
219) CHRYSLER 300C	year: 2005->	program № 11116	from 2017-09-01
220) CHRYSLER GRAND VOYAGER (RT)	year: 2011->	program № 11245	from 2017-09-01
221) CHRYSLER GRAND VOYAGER (RT)	year: 2008->	program № 11135	from 2017-09-01



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Cars		Legend	
Model	Year	Program #	From
222) CHRYSLER GRAND VOYAGER (RT)	year: 2008=>	program № 11245	from 2017-09-01
223) CHRYSLER PACIFICA (RU)	year: 2021=>	program № 13738	from 2021-06-17
224) CHRYSLER PACIFICA (RU)	year: 2017=>	program № 12477	from 2019-11-26
225) CHRYSLER PT CRUISER	year: 2006=>	program № 11116	from 2017-09-01
226) CHRYSLER SEBRING (S)	year: 2007=>	program № 11116	from 2017-09-01
227) CHRYSLER TOWN&COUNTRY	year: 2011=>	program № 11245	from 2017-09-01
228) CITROEN BERLINGO	year: 2019=>	program № 13163	from 2020-04-24
229) CITROEN BERLINGO	year: 2015=>	program № 12311	from 2018-04-23
230) CITROEN BERLINGO	year: 2008=>	program № 11143	from 2017-09-01
231) CITROEN BERLINGO	year: 2006=>	program № 11193	from 2017-09-01
232) CITROEN BERLINGO	year: 2003=>	program № 11292	from 2017-09-01
233) CITROEN BERLINGO (Prod VP / VU)	year: 2003=>	program № 11292	from 2017-09-01
234) CITROEN BERLINGO MULTISPACE	year: 2012=>	program № 11143	from 2017-09-01
235) CITROEN BERLINGO MULTISPACE	year: 2012=>	program № 11193	from 2017-09-01
236) CITROEN C-CROSSER	year: 2007=>	program № 11142	from 2017-09-01
237) CITROEN C-ELYSEE	year: 2017=>	program № 12321	from 2020-03-24
238) CITROEN C-ELYSEE	year: 2013=>	program № 11296	from 2020-03-24

















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Cars		Legend	
Model	Year	Program No.	From
341) DODGE NITRO	year: 2007<=>	program № 11135	from 2017-09-01
342) DODGE RAM (D/C/D)	year: 2009<=>	program № 11245	from 2017-09-01
343) DODGE RAM (DR)	year: 2006<=>	program № 11116	from 2017-09-01
344) DODGE SPRINTER (PE7)	year: 2007<=>	program № 12678	from 2019-05-30
345) FAW BESTURN B50	year: 2012<=>	program № 11578	from 2017-09-01
346) FIAT 124 SPIDER	year: 2016<=>	program № 12259	from 2020-06-09
347) FIAT 500 (312)	year: 2020<=>	program № 13836	from 2021-10-04
348) FIAT 500 (312)	year: 2016<=>	program № 13337	from 2020-09-29
349) FIAT 500 (312)	year: 2007<=>	program № 11127	from 2019-04-10
350) FIAT 500L	year: 2018<=>	program № 12637	from 2019-04-10
351) FIAT 500L	year: 2013<=>	program № 11127	from 2017-09-01
352) FIAT 500L	year: 2018<=>	program № 12638	from 2021-12-31
353) FIAT 500L (Keyless)	year: 2015<=>	program № 11534	from 2022-10-03
354) FIAT 500L	year: 2015<=>	program № 11599	from 2021-12-31
355) FIAT BRAVO (198)	year: 2007<=>	program № 11129	from 2017-09-01
356) FIAT CRONIA (194)	year: 2005<=>	program № 11128	from 2017-09-01
357) FIAT DOBLO	year: 2020<=>	program № 14348	from 2022-08-31





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Model	Year	Program	From	Icons
375) FIAT FIORINO (225)	year: 2016<=>	program % 12681	from 2018-05-29	[DTC icons]
376) FIAT FIORINO (225)	year: 2008<=>	program % 11127	from 2018-04-10	[DTC icons]
377) FIAT FREEMONT (C-49)	year: 2011<=>	program % 11332	from 2017-09-01	[DTC icons]
378) FIAT FULLBACK	year: 2016<=>	program % 12266	from 2018-04-11	[DTC icons]
379) FIAT GRANDE PUNTO	year: 2009<=>	program % 11127	from 2017-09-01	[DTC icons]
380) FIAT GRANDE PUNTO	year: 2006<=>	program % 11127	from 2017-09-01	[DTC icons]
381) FIAT LINEA (323)	year: 2007<=>	program % 11146	from 2017-09-01	[DTC icons]
382) FIAT PANDA (312)	year: 2020<=>	program % 14241	from 2022-05-31	[DTC icons]
383) FIAT PANDA II (169)	year: 2004<=>	program % 11112	from 2017-09-01	[DTC icons]
384) FIAT PANDA III (319)	year: 2012<=>	program % 11127	from 2018-04-10	[DTC icons]
385) FIAT PUNTO (189)	year: 2014<=>	program % 11127	from 2017-09-01	[DTC icons]
386) FIAT PUNTO EVO	year: 2009<=>	program % 11127	from 2017-09-01	[DTC icons]
387) FIAT QUBO (225)	year: 2016<=>	program % 12682	from 2018-05-29	[DTC icons]
388) FIAT QUBO (225)	year: 2008<=>	program % 11127	from 2018-04-10	[DTC icons]
389) FIAT SCUDO	year: 2014<=>	program % 11143	from 2017-09-01	[DTC icons]
390) FIAT SCUDO	year: 2014<=>	program % 11193	from 2017-09-01	[DTC icons]
391) FIAT SCUDO	year: 2007<=>	program % 11143	from 2017-09-01	[DTC icons]









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Model	Year	Program #	From
426) FORD FIESTA	year: 2020=>	program № 13754	from 2022-11-07
427) FORD FIESTA (ST)	year: 2018=>	program № 13276	from 2022-11-07
428) FORD FIESTA (HYBRID)	year: 2017=>	program № 12795	from 2022-11-07
429) FORD FIESTA (TITANIUM)	year: 2017=>	program № 12269	from 2022-11-07
430) FORD FIESTA (TREND)	year: 2013=>	program № 11175	from 2017-09-01
431) FORD FIESTA (TITANIUM)	year: 2013=>	program № 11846	from 2023-06-02
432) FORD FIESTA (S&S)	year: 2009=>	program № 11175	from 2017-09-01
433) FORD FIESTA (S&S) (H)	year: 2006=>	program № 12895	from 2019-11-27
434) FORD FIGO	year: 2018=>	program № 13989	from 2022-01-24
435) FORD FOCUS (BIMEN/HP)	year: 2022=>	program № 14325	from 2022-11-07
436) FORD FOCUS (ST)	year: 2019=>	program № 12793	from 2022-11-07
437) FORD FOCUS (BIMEN/HP)	year: 2019=>	program № 12836	from 2022-11-07
438) FORD FOCUS (ACTIVE)	year: 2019=>	program № 13922	from 2022-11-07
439) FORD FOCUS (SYNC EDITION) (Keyless)	year: 2017=>	program № 12113	from 2021-09-15
440) FORD FOCUS (S)	year: 2015=>	program № 12788	from 2021-12-30
441) FORD FOCUS (TITANIUM)	year: 2015=>	program № 11276	from 2021-09-15
442) FORD FOCUS (TREND SPORT)	year: 2015=>	program № 11689	from 2021-12-30



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CARS		Legend	
Model	Year	Program #	From
<p><b>443) FORD FOCUS (TREND SPORT)</b></p> <p>year: 2011-&gt; program # 11276 from 2021-09-15</p>			
<p><b>444) FORD FOCUS (TITANIUM)</b></p> <p>year: 2011-&gt; program # 11276 from 2021-09-15</p>			
<p><b>445) FORD FOCUS (TREND)</b></p> <p>year: 2011-&gt; program # 11454 from 2021-09-15</p>			
<p><b>446) FORD FOCUS (GHIA)</b></p> <p>year: 2007-&gt; program # 11121 from 2017-09-01</p>			
<p><b>447) FORD FOCUS (DAYDE)</b></p> <p>year: 2007-&gt; program # 11121 from 2017-09-01</p>			
<p><b>448) FORD FOCUS (GHIA)</b></p> <p>year: 2005-&gt; program # 11121 from 2017-09-01</p>			
<p><b>449) FORD FOCUS (DAYDEB)</b></p> <p>year: 2005-&gt; program # 11121 from 2017-09-01</p>			
<p><b>450) FORD FUSION (S) (USA Market)</b></p> <p>year: 2013-&gt; program # 12588 from 2022-11-07</p>			
<p><b>451) FORD FUSION (TITANIUM) (USA Market)</b></p> <p>year: 2013-&gt; program # 12589 from 2022-11-07</p>			
<p><b>452) FORD FUSION</b></p> <p>year: 2006-&gt; program # 12895 from 2019-11-27</p>			
<p><b>453) FORD GALAXY (CK)</b></p> <p>year: 2020-&gt; program # 13325 from 2022-11-07</p>			
<p><b>454) FORD GALAXY (CK)</b></p> <p>year: 2015-&gt; program # 12139 from 2022-11-07</p>			
<p><b>455) FORD GALAXY (W40)</b></p> <p>year: 2010-&gt; program # 11133 from 2021-09-15</p>			
<p><b>456) FORD GALAXY (W40)</b></p> <p>year: 2006-&gt; program # 11133 from 2021-09-15</p>			
<p><b>457) FORD GRAND C-MAX (TITANIUM)</b></p> <p>year: 2015-&gt; program # 11276 from 2021-09-15</p>			
<p><b>458) FORD GRAND C-MAX (DXA)</b></p> <p>year: 2010-&gt; program # 11276 from 2021-09-15</p>			
<p><b>459) FORD Ka (RUB)</b></p> <p>year: 2009-&gt; program # 11194 from 2017-09-01</p>			



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Cars		Legend	
Model	Year	Program #	From
477 FORD MUSTANG	2010->	11281	2017-09-01
478 FORD MUSTANG (GT)	2007->	11396	2017-09-01
479 FORD PUMA (K2)	2020->	13322	2022-11-07
480 FORD RANGER (T6)	2019->	12785	2022-07-11
481 FORD RANGER (T6)	2015->	11866	2022-11-07
482 FORD RANGER (T6)	2012->	11462	2021-12-08
483 FORD S-MAX (CJ)	2020->	13323	2022-11-07
484 FORD S-MAX (CJ)	2015->	11711	2022-11-07
485 FORD S-MAX (WS)	2010->	11133	2021-09-15
486 FORD S-MAX (WS)	2007->	11133	2021-09-15
487 FORD TOURNEO	2007->	11247	2017-09-01
488 FORD TOURNEO CONNECT (Start-button)	2022->	14314	2022-08-09
489 FORD TOURNEO CONNECT	2019->	13435	2022-11-07
490 FORD TOURNEO CONNECT	2013->	11454	2021-09-15
491 FORD TOURNEO CONNECT	2010->	11172	2017-09-01
492 FORD TOURNEO COURIER	2018->	13275	2020-08-11
493 FORD TOURNEO COURIER	2014->	11175	2017-09-01



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Cars		Legend	
Model	Year	Program #	From
494	FORD TOURNEO CUSTOM	year: 2018->	program % 12787 from 2022-11-07
495	FORD TOURNEO CUSTOM	year: 2016->	program % 11782 from 2022-11-07
496	FORD TOURNEO CUSTOM	year: 2012->	program % 11422 from 2022-11-02
497	FORD TOURNEO CUSTOM (Double Lock)	year: 2012->	program % 11422 from 2022-11-02
498	FORD TRANSIT	year: 2020->	program % 12847 from 2022-11-07
499	FORD TRANSIT	year: 2016->	program % 11868 from 2022-11-07
500	FORD TRANSIT	year: 2014->	program % 13079 from 2022-11-02
501	FORD TRANSIT	year: 2006->	program % 11247 from 2017-09-01
502	FORD TRANSIT CONNECT	year: 2010->	program % 12796 from 2022-11-07
503	FORD TRANSIT CONNECT	year: 2010->	program % 11172 from 2017-09-01
504	FORD TRANSIT CONNECT (RussianMarket)	year: 2008->	program % 11117 from 2020-03-20
505	FORD TRANSIT CONNECT	year: 2006->	program % 11172 from 2017-09-01
506	FORD TRANSIT COURIER	year: 2018->	program % 12786 from 2019-09-03
507	FORD TRANSIT CUSTOM	year: 2018->	program % 12647 from 2022-11-07
508	FORD TRANSIT CUSTOM	year: 2012->	program % 13424 from 2022-11-02
509	FORD TRANSIT CUSTOM (Double Lock)	year: 2012->	program % 11422 from 2022-11-02
510	GAC G3S	year: 2017->	program % 13619 from 2021-05-11



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Cars		Legend	
Model	Year	Program	From
511) GAZ SOBOL (Engines Cummins)	year: 2010=>	program № 13333	from 2022-10-05
512) GAZ 33196 (Yalder)	year: 2012=>	program № 11383	from 2017-09-01
513) GAZ NEXT	year: 2018=>	program № 12342	from 2022-10-05
514) GAZ NEXT	year: 2015=>	program № 11383	from 2017-09-01
515) GAZ NEXT (UMZ)	year: 2014=>	program № 12644	from 2019-06-18
516) GAZon NEXT	year: 2019=>	program № 13297	from 2022-10-05
517) GAZon NEXT	year: 2015=>	program № 13342	from 2020-09-09
518) GEELY ATLAS NL3	year: 2016=>	program № 12821	from 2020-06-19
519) GEELY EMGRAND EE7	year: 2013=>	program № 11544	from 2017-09-01
520) GEELY EMGRAND X7	year: 2017=>	program № 12253	from 2018-03-08
521) GEELY EMGRAND X7	year: 2012=>	program № 11542	from 2017-09-01
522) GEELY GC6	year: 2014=>	program № 11589	from 2017-09-01
523) GENESIS G70 (Keyless)	year: 2018=>	program № 12426	from 2019-09-04
524) GENESIS G80 (Keyless)	year: 2020=>	program № 13337	from 2020-10-29
525) GENESIS G80 (Keyless)	year: 2017=>	program № 13233	from 2020-06-18
526) GENESIS G90 (Keyless)	year: 2021=>	program № 13552	from 2021-03-01
527) GENESIS GV80 (Keyless)	year: 2021=>	program № 13338	from 2020-12-18



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CARS		Legend	
Model	Year	Program	From
<ul style="list-style-type: none"> <li>Ignition</li> <li>Key inserted</li> <li>Key removed</li> <li>Engine is working on CAN</li> <li>Handbrake</li> <li>Reverse</li> <li>Status of the hazard warning lights switch</li> <li>Front left door</li> <li>Front right door</li> <li>Rear left door</li> <li>Rear right door</li> <li>Brake</li> <li>Brake cover</li> <li>Brake pedal position</li> <li>Electric cable connected</li> <li>EV battery charging</li> <li>Electric engine working</li> <li>Car has been closed using original remote or module command</li> <li>Central locking status</li> <li>History alarm</li> <li>Emulated alarm</li> <li>Original remote - CLOSE</li> <li>Original remote - OPEN</li> <li>The original remote of the car - Resuming</li> <li>The original remote of the car - Open trunk</li> <li>by the key</li> <li>Reverse</li> <li>Neutral</li> <li>Drive</li> <li>EV mode</li> <li>Engine is working on LPC</li> <li>Braking lights</li> <li>Blurred headlights</li> <li>Full beam headlights</li> <li>Rear fog lights</li> <li>Front fog lights</li> <li>Front door lock</li> <li>Rear door lock</li> <li>Let's start the car</li> <li>Let's start the car</li> <li>Vehicle mileage (consumed)</li> <li>Vehicle mileage - (consumed)</li> <li>Total fuel consumption</li> <li>Total fuel consumption - (consumed)</li> <li>Power level (in percent)</li> <li>Power level (in kW)</li> <li>Engine speed (RPM)</li> <li>Engine temperature</li> <li>Vehicle speed</li> <li>Vehicle speed (average)</li> <li>Vehicle speed (instant)</li> <li>Latitude (in Dec)</li> <li>Acceleration pedal position</li> <li>VIN number</li> <li>EV battery level</li> <li>Total CAN use</li> <li>Total CAN consumption</li> <li>CAN level (in percent)</li> <li>CAN level (in kilograms)</li> <li>Vehicle range</li> <li>Vehicle's range on EV battery</li> <li>Vehicle's range on ICE battery</li> <li>Time to the end of the EV battery charge</li> <li>CAN level (in bars)</li> <li>Total CAN use</li> <li>Total CAN use - (consumed)</li> <li>CAN level (in percent)</li> <li>CAN level (in kilograms)</li> <li>Flow compartment temperature</li> <li>Active year number</li> <li>Flow stage speed limit</li> <li>EV battery pack voltage</li> <li>EV battery pack voltage (average)</li> <li>Maximum EV battery cell voltage</li> <li>Maximum EV battery cell voltage</li> <li>Reading DTC ECU</li> <li>Erasing DTC ECU</li> <li>Reading DTC ABS</li> <li>Erasing DTC ABS</li> <li>Reading DTC SRS</li> <li>Erasing DTC SRS</li> <li>Reading DTC TCM</li> <li>Erasing DTC TCM</li> <li>Reading DTC BSM</li> <li>Erasing DTC BSM</li> <li>Reading DTC machines</li> <li>Erasing DTC machines</li> <li>Reading DTC W/BATTERY</li> <li>Erasing DTC W/BATTERY</li> <li>Reading DTC HV BATTERY</li> <li>Erasing DTC HV BATTERY</li> <li>Reading DTC HYBRID SYSTEM</li> <li>Erasing DTC HYBRID SYSTEM</li> <li>Alternative control of central locking</li> <li>All doors lock</li> <li>All doors unlock</li> <li>Power windows control (remote/dimmer)</li> <li>Power windows control (remote/dimmer)</li> <li>Center lock when talks on</li> <li>Alternative turn signal control</li> <li>Turn signal control</li> <li>History control</li> <li>Control closure</li> <li>Speed limit with value</li> <li>Exceeding the speed specified by the sign - Speed limit with value</li> </ul>			
528 GMC CANYON (USA Market)	year: 2014->	program № 12369	from 2020-07-03
529 GREAT WALL H2	year: 2015->	program № 11588	from 2017-09-01
530 GREAT WALL HOVER H6	year: 2011->	program № 11516	from 2017-09-01
531 GREAT WALL WINGLE 7	year: 2020->	program № 14141	from 2022-05-30
532 HAIMA 7	year: 2012->	program № 11545	from 2019-02-06
533 HAVAL H6 (Coupe)	year: 2017->	program № 12192	from 2018-01-30
534 HAVAL H6 (Keyless)	year: 2015->	program № 11858	from 2020-06-19
535 HAVAL H9	year: 2018->	program № 13801	from 2022-02-15
536 HAVAL H9	year: 2015->	program № 12189	from 2020-06-19
537 HAVAL BOLSON	year: 2021->	program № 14145	from 2023-02-15
538 HONDA ACCORD	year: 2018->	program № 13224	from 2020-06-01
539 HONDA ACCORD (IBID) (Keyless)	year: 2016->	program № 12524	from 2020-06-15
540 HONDA ACCORD	year: 2013->	program № 11169	from 2020-06-15
541 HONDA ACCORD (Keyless)	year: 2013->	program № 11169	from 2020-06-15
542 HONDA ACCORD (Coupe)	year: 2008->	program № 11169	from 2017-09-01
543 HONDA ACCORD	year: 2008->	program № 14137	from 2022-02-23
544 HONDA ACCORD	year: 2006->	program № 12376	from 2017-12-29











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Model	Year	Program	From	Ignition	Keyless	Engine	Brake	ABS	ESP	TPMS	Steering	Transmission	Chassis	Body	Interior	Infotainment	Other
613 HYUNDAI EQUUS (Keyless)	2014+>	11569	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
614 HYUNDAI EQUUS	2010>	11235	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
615 HYUNDAI GENESIS (DI) (Keyless)	2015>	11571	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
616 HYUNDAI GENESIS (DI) (Keyless)	2014>	11571	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
617 HYUNDAI GENESIS (DI)	2009>	11235	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
618 HYUNDAI GRAND I10	2020>	13984	2022-01-13	*	*	*	*	*	*	*	*	*	*	*	*	*	*
619 HYUNDAI GRAND STAREX	2012>	11236	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
620 HYUNDAI GRAND STAREX (HYV)	2011>	11236	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
621 HYUNDAI GRAND STAREX	2007>	11236	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
622 HYUNDAI GRANDEUR (IG)	2017>	13227	2022-03-23	*	*	*	*	*	*	*	*	*	*	*	*	*	*
623 HYUNDAI GRANDEUR (IG) (Keyless)	2014>	11427	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
624 HYUNDAI GRANDEUR (IG) (Keyless)	2012>	11427	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
625 HYUNDAI GRANDEUR (TG)	2007>	11152	2017-09-01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
626 HYUNDAI H1	2018>	12759	2019-06-12	*	*	*	*	*	*	*	*	*	*	*	*	*	*
627 HYUNDAI H1 (UAE Market)	2012>	13339	2020-10-29	*	*	*	*	*	*	*	*	*	*	*	*	*	*
628 HYUNDAI H300	2018>	13981	2021-12-31	*	*	*	*	*	*	*	*	*	*	*	*	*	*
629 HYUNDAI H350	2015>	11671	2020-06-19	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Exceeding the speed specified by the sign - Speed limit with value



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Cars		Legend	
Model	Year	Program #	From
647 HYUNDAI IONIQ (AE) (Hybrid)	year: 2017->	program % 12175	from 2022-06-29
648 HYUNDAI i20 (JC)	year: 2015->	program % 11829	from 2017-09-01
649 HYUNDAI i20 (JC)	year: 2010->	program % 11244	from 2017-09-01
650 HYUNDAI i35 (Keyless)	year: 2013->	program % 11635	from 2017-09-01
651 HYUNDAI i35	year: 2013->	program % 11635	from 2017-09-01
652 HYUNDAI i35	year: 2010->	program % 11635	from 2017-09-01
653 HYUNDAI i35 (Keyless)	year: 2010->	program % 11635	from 2017-09-01
654 HYUNDAI i35	year: 2009->	program % 11152	from 2017-09-01
655 HYUNDAI KONA (OS)	year: 2021->	program % 13566	from 2021-03-19
656 HYUNDAI KONA (OS) (Hybrid)	year: 2020->	program % 13177	from 2020-05-26
657 HYUNDAI KONA (OS) (Keyless) (USA Market)	year: 2018->	program % 13251	from 2020-06-10
658 HYUNDAI KONA (OS) (Keyless)	year: 2018->	program % 12211	from 2020-06-10
659 HYUNDAI PALISADE	year: 2020->	program % 13931	from 2022-02-10
660 HYUNDAI SANTA FE (TM) (Hybrid) (Keyless)	year: 2021->	program % 13533	from 2022-10-17
661 HYUNDAI SANTA FE (TM)	year: 2021->	program % 14146	from 2022-02-21
662 HYUNDAI SANTA FE (TM) (Keyless)	year: 2019->	program % 12553	from 2020-07-07
663 HYUNDAI SANTA FE (DM) (Keyless)	year: 2013->	program % 11386	from 2017-09-01







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Cars		Legend	
Year	Program	From	To
681	HYUNDAI TUCSON (III)	2016	2016
682	HYUNDAI VELOSTER (I) (KiaNiss)	2011	2011
683	HYUNDAI VENUE	2020	2020
684	HYUNDAI VERNA	2020	2020
685	INFINITI EX35 / EX37 / EX50	2010	2010
686	INFINITI EX35 / EX37 / EX50	2008	2008
687	INFINITI FX300	2012	2012
688	INFINITI FX35 / FX37 / FX50	2010	2010
689	INFINITI FX35 / FX37 / FX50	2008	2008
690	INFINITI G25 / G35 / G37	2010	2010
691	INFINITI G25 / G35 / G37	2007	2007
692	INFINITI JX35	2012	2012
693	INFINITI M35 / M35s / M45	2008	2008
694	INFINITI M37 / M37s / M56 / M56s (EuropeMarket)	2010	2010
695	INFINITI M37s (USA Market)	2010	2010
696	INFINITI Q30	2016	2016
697	INFINITI Q50 (Hyundai)	2010	2010





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CARS		Legend	
Model	Year	Program #	From
715) IVECO DAILY (EURO 6)	year: 2020->	program № 12896	from 2021-07-22
716) IVECO DAILY (EURO 6)	year: 2017->	program № 12277	from 2021-02-02
717) IVECO DAILY (EURO 6) (RDE)	year: 2017->	program № 12277	from 2019-12-03
718) IVECO DAILY (EURO 5)	year: 2011->	program № 11346	from 2020-02-02
719) IVECO DAILY (EURO 4)	year: 2006->	program № 11269	from 2017-09-01
720) IVECO DAILY (EURO 3)	year: 2001->	program № 11222	from 2019-03-18
721) JAC S3	year: 2017->	program № 12551	from 2018-12-10
722) JAGUAR E-PACE (X540)	year: 2021->	program № 13791	from 2021-09-02
723) JAGUAR E-PACE (X540)	year: 2018->	program № 12885	from 2021-12-10
724) JAGUAR F-PACE (X761)	year: 2021->	program № 13789	from 2021-09-02
725) JAGUAR F-PACE (X761)	year: 2019->	program № 12884	from 2020-07-15
726) JAGUAR F-PACE (X761)	year: 2016->	program № 12857	from 2021-12-10
727) JAGUAR F-TYPE (X152)	year: 2017->	program № 12777	from 2021-12-10
728) JAGUAR F-TYPE (X152)	year: 2013->	program № 11233	from 2019-11-19
729) JAGUAR XE (X760)	year: 2020->	program № 12939	from 2020-07-15
730) JAGUAR XE (X760)	year: 2018->	program № 12574	from 2020-07-15
731) JAGUAR XE (X760)	year: 2015->	program № 12856	from 2021-12-10







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CARS		Legend	
Model	Year	Program #	From
766 KIA CARENS (RP) (Keyless)	2013->	11398	2017-09-01
767 KIA CARENS (RP)	2013->	11398	2017-09-01
768 KIA CARNIVAL (YP)	2018->	13312	2021-04-07
769 KIA CARNIVAL (VQ)	2006->	11119	2017-09-01
770 KIA CEED (CB)	2022->	13852	2022-11-02
771 KIA CEED (CB)	2018->	12441	2018-08-27
772 KIA CEED (JD)	2016->	11657	2017-09-01
773 KIA CEED (JD) (Keyless) (Slovakia/Market)	2016->	11918	2017-09-01
774 KIA CEED PRO GT (JD) (Keyless)	2014->	11352	2017-09-01
775 KIA CEED GT (JD)	2014->	11389	2017-09-01
776 KIA CEED GT (JD) (Keyless)	2014->	11352	2017-09-01
777 KIA CEED PRO GT (JD)	2014->	11389	2017-09-01
778 KIA CEED (JD) (Keyless)	2013->	11352	2017-09-01
779 KIA CEED (JD)	2013->	11389	2017-09-01
780 KIA CEED (ED)	2009->	21236	2019-04-01
781 KIA CEED (ED)	2009->	11236	2017-09-01
782 KIA CERATO (V)	2018->	12642	2019-04-17





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Item	Function	Year	Program #	From	To
800	KIA OPTIMA (F) (Keyless)	2016->	12367	2019-09-20	
801	KIA OPTIMA (F)	2016->	12368	2019-09-20	
802	KIA OPTIMA (F) (Keyless) (SlovakianMarket)	2014->	11344	2017-09-01	
803	KIA OPTIMA (F) (Keyless)	2014->	11344	2017-09-01	
804	KIA OPTIMA (F)	2014->	11364	2017-09-01	
805	KIA OPTIMA (F) (Keyless)	2012->	11344	2017-09-01	
806	KIA OPTIMA (F) (Hybrid)	2012->	14184	2022-04-01	
807	KIA PICANTO (A)	2021->	13568	2021-03-08	
808	KIA PICANTO GT LINE	2018->	12177	2018-01-02	
809	KIA PICANTO (TA)	2014->	11299	2017-09-01	
810	KIA PICANTO (TA) (Keyless)	2011->	11299	2017-09-01	
811	KIA PROCEED (CD)	2019->	13284	2022-11-02	
812	KIA QUORIS (Keyless)	2015->	11413	2017-09-01	
813	KIA QUORIS (Keyless)	2013->	11413	2017-09-01	
814	KIA RAY	2018->	13557	2021-03-15	
815	KIA RIO	2020->	13277	2020-08-12	
816	KIA RIO (Keyless)	2020->	13321	2020-08-28	







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CARS		Legend	
Model	Year	Program #	From
834 KIA SORENTO (MQ4)	2021->	13581	2022-11-02
835 KIA SORENTO (LM) (Keyless)	2018->	12658	2022-11-28
836 KIA SORENTO (LM)	2015->	11621	2021-05-21
837 KIA SORENTO (XM) (Keyless)	2012->	11411	2017-09-01
838 KIA SORENTO (XM)	2012->	11411	2017-09-01
839 KIA SORENTO (XM)	2010->	11231	2017-09-01
840 KIA SORENTO PRIME (LM)	2015->	12285	2018-06-17
841 KIA SOUL	2020->	12794	2019-09-03
842 KIA SOUL (Keyless)	2014->	11498	2017-12-05
843 KIA SOUL	2014->	11514	2017-12-05
844 KIA SOUL	2012->	11343	2017-09-01
845 KIA SOUL (Keyless)	2012->	11481	2017-09-01
846 KIA SPORTAGE	2019->	12433	2021-07-16
847 KIA SPORTAGE	2016->	11812	2020-04-29
848 KIA SPORTAGE (Keyless)	2016->	11669	2021-09-21
849 KIA SPORTAGE	2014->	11244	2017-09-01
850 KIA SPORTAGE (Keyless)	2011->	11244	2017-09-01



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Model	Year	Program #	From	Speed limit
851) KIA SPORTAGE	2011=>	11244	2017-09-01	
852) KIA SPORTAGE	2008=>	11236	2017-09-01	
853) KIA STINGER	2021=>	13565	2021-03-02	
854) KIA STINGER	2018=>	12434	2020-08-12	
855) KIA STONIC (Keyless)	2021=>	13567	2021-03-03	
856) KIA STONIC	2021=>	13783	2021-08-24	
857) KIA STONIC	2017=>	12435	2018-08-21	
858) KIA VENGA	2015=>	11236	2017-09-01	
859) KIA VENGA	2012=>	11236	2017-09-01	
860) KIA VENGA (Keyless)	2010=>	11271	2017-09-01	
861) KIA XCEED	2020=>	13257	2022-11-02	
862) LADA GRANTA	2019=>	13231	2020-06-18	
863) LADA GRANTA	2012=>	11461	2017-09-01	
864) LADA GRANTA VES	2014=>	11461	2017-09-01	
865) LADA KALINA	2014=>	11461	2017-09-01	
866) LADA LARGUS	2012=>	12619	2021-09-28	
867) LADA LARGUS CROSS	2012=>	11796	2017-09-01	





Cars		Legend	
Model	Year	Program	Remarks
902 LAND ROVER RANGE ROVER EVOQUE (L538)	year: 2014->	program № 11446	from 2021-12-10
903 LAND ROVER RANGE ROVER EVOQUE (L53D)	year: 2011->	program № 13418	from 2021-12-10
904 LAND ROVER RANGE ROVER SPORT (L494)	year: 2018->	program № 12429	from 2021-09-01
905 LAND ROVER RANGE ROVER SPORT (L494)	year: 2017->	program № 11849	from 2021-12-10
906 LAND ROVER RANGE ROVER SPORT (L494)	year: 2016->	program № 13697	from 2021-12-10
907 LAND ROVER RANGE ROVER SPORT (L494)	year: 2014->	program № 11445	from 2021-12-10
908 LAND ROVER RANGE ROVER SPORT (L320)	year: 2010->	program № 13252	from 2021-10-22
909 LAND ROVER RANGE ROVER SPORT (L320)	year: 2006->	program № 11199	from 2019-11-19
910 LAND ROVER RANGE ROVER VELAR (L560)	year: 2021->	program № 13779	from 2021-09-02
911 LAND ROVER RANGE ROVER VELAR (L560)	year: 2017->	program № 12154	from 2020-07-15
912 LAND ROVER RANGE ROVER VOGUE (L465)	year: 2018->	program № 12241	from 2019-11-19
913 LAND ROVER RANGE ROVER Vogue (L465)	year: 2014->	program № 11445	from 2021-12-10
914 LAND ROVER RANGE ROVER Vogue (L322)	year: 2006->	program № 11213	from 2017-09-01
915 LEXUS CT (Hybrid)	year: 2018->	program № 13183	from 2020-09-01
916 LEXUS CT (Hybrid)	year: 2011->	program № 11138	from 2017-09-01
917 LEXUS ES (Hybrid)	year: 2022->	program № 13885	from 2022-04-25
918 LEXUS ES (Hybrid)	year: 2019->	program № 13192	from 2022-04-25



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DTC	DTC Description																Year	Program #	Start Date	End Date
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
919) LEXUS ES (Hybrid)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2013=>	program № 11338	from 2017-09-01	
920) LEXUS ES	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2013=>	program № 11338	from 2017-09-01	
921) LEXUS ES	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2007=>	program № 11338	from 2017-09-01	
922) LEXUS GS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2018=>	program № 14236	from 2022-06-08	
923) LEXUS GS (Hybrid)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2016=>	program № 13214	from 2021-09-29	
924) LEXUS GS (Hybrid)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2013=>	program № 11338	from 2017-09-01	
925) LEXUS GS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2012=>	program № 11338	from 2017-09-01	
926) LEXUS GS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2006=>	program № 11181	from 2017-09-01	
927) LEXUS GX	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2014=>	program № 11568	from 2017-09-01	
928) LEXUS GX	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2010=>	program № 11338	from 2017-09-01	
929) LEXUS IS (Hybrid)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2017=>	program № 13215	from 2020-05-26	
930) LEXUS IS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2014=>	program № 13432	from 2021-09-13	
931) LEXUS IS (Hybrid)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2014=>	program № 14138	from 2022-02-23	
932) LEXUS IS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2010=>	program № 14337	from 2022-08-12	
933) LEXUS IS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2007=>	program № 11181	from 2017-09-01	
934) LEXUS IS	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2005=>	program № 11181	from 2017-09-01	
935) LEXUS LC (Cable)	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	Ignition	year: 2020=>	program № 13911	from 2022-04-25	

Lightning bolt icon	Ignition	1.5m distance	10m distance	15m distance	20m distance	25m distance	30m distance	35m distance	40m distance	45m distance	50m distance	55m distance	60m distance	65m distance	70m distance	75m distance	80m distance	85m distance	90m distance	95m distance	100m distance	105m distance	110m distance	115m distance	120m distance	125m distance	130m distance	135m distance	140m distance	145m distance	150m distance	155m distance	160m distance	165m distance	170m distance	175m distance	180m distance	185m distance	190m distance	195m distance	200m distance	205m distance	210m distance	215m distance	220m distance	225m distance	230m distance	235m distance	240m distance	245m distance	250m distance
<ul style="list-style-type: none"> <li>Ignition</li> <li>1.5m distance</li> <li>10m distance</li> <li>15m distance</li> <li>20m distance</li> <li>25m distance</li> <li>30m distance</li> <li>35m distance</li> <li>40m distance</li> <li>45m distance</li> <li>50m distance</li> <li>55m distance</li> <li>60m distance</li> <li>65m distance</li> <li>70m distance</li> <li>75m distance</li> <li>80m distance</li> <li>85m distance</li> <li>90m distance</li> <li>95m distance</li> <li>100m distance</li> <li>105m distance</li> <li>110m distance</li> <li>115m distance</li> <li>120m distance</li> <li>125m distance</li> <li>130m distance</li> <li>135m distance</li> <li>140m distance</li> <li>145m distance</li> <li>150m distance</li> <li>155m distance</li> <li>160m distance</li> <li>165m distance</li> <li>170m distance</li> <li>175m distance</li> <li>180m distance</li> <li>185m distance</li> <li>190m distance</li> <li>195m distance</li> <li>200m distance</li> <li>205m distance</li> <li>210m distance</li> <li>215m distance</li> <li>220m distance</li> <li>225m distance</li> <li>230m distance</li> <li>235m distance</li> <li>240m distance</li> <li>245m distance</li> <li>250m distance</li> </ul>																																																			
<p>936) LEXUS LS from 2022-04-25</p>																																																			
<p>937) LEXUS LS from 2017-09-01</p>																																																			
<p>938) LEXUS LS from 2017-09-01</p>																																																			
<p>939) LEXUS LS from 2018-09-28</p>																																																			
<p>940) LEXUS LX from 2021-09-29</p>																																																			
<p>941) LEXUS LX from 2017-09-01</p>																																																			
<p>942) LEXUS LX from 2017-09-01</p>																																																			
<p>943) LEXUS NX (Hybrid) from 2022-02-14</p>																																																			
<p>944) LEXUS NX (Hybrid) from 2022-04-25</p>																																																			
<p>945) LEXUS NX from 2022-09-19</p>																																																			
<p>946) LEXUS NX from 2020-08-14</p>																																																			
<p>947) LEXUS NX (Hybrid) from 2022-03-07</p>																																																			
<p>948) LEXUS RC (Hybrid) from 2022-07-14</p>																																																			
<p>949) LEXUS RC from 2017-09-01</p>																																																			
<p>950) LEXUS RX from 2022-04-25</p>																																																			
<p>951) LEXUS RX (Hybrid) from 2022-04-25</p>																																																			
<p>952) LEXUS RX (Canada/Market) from 2022-04-25</p>																																																			



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Cars		Legend	
Model	Year	Program #	From
<ul style="list-style-type: none"> <li>Ignition</li> <li>Key inserted</li> <li>Engine is working</li> <li>Engine is working on CNG</li> <li>Handbrake</li> <li>Reverse</li> <li>Status of the hazard warning lights switch</li> <li>Front left door</li> <li>Front right door</li> <li>Rear left door</li> <li>Rear right door</li> <li>Brake</li> <li>Trunk cover</li> <li>Trunk cover (lock)</li> <li>Exhausting cable connected</li> <li>EV battery charging</li> <li>Electric engine working</li> <li>Car has been closed using original remote or module command</li> <li>Central locking status</li> <li>History alarm</li> <li>Immobilizer alarm</li> <li>Original remote - OPEN</li> <li>Original remote - CLOSE</li> <li>Original remote of the car - Resuming</li> <li>Original remote of the car - Open trunk</li> <li>Reverse</li> <li>Neutral</li> <li>Drive</li> <li>EV battery level</li> <li>Engine is working on LPG</li> <li>Braking lights</li> <li>Blurred headlights</li> <li>Full beam headlights</li> <li>Rear fog lights</li> <li>Front fog lights</li> <li>Front door lock</li> <li>Front door unlock</li> <li>Left mirror lock</li> <li>Vehicle mileage - (counted)</li> <li>Vehicle mileage - (consumed)</li> <li>Total fuel consumption - (counted)</li> <li>Fuel level (in percent)</li> <li>Fuel level (in liters)</li> <li>Engine speed (RPM)</li> <li>Engine temperature</li> <li>Vehicle speed</li> <li>Vehicle speed (average)</li> <li>Latihan feet (in liters)</li> <li>Acceleration pedal position</li> <li>VIN number</li> <li>EV battery level</li> <li>Total CNG use</li> <li>Total CNG consumption</li> <li>CNG level (in percent)</li> <li>CNG level (in kilograms)</li> <li>Vehicle range</li> <li>Vehicle's range on EV battery</li> <li>Vehicle's range on CNG</li> <li>Time to the end of the EV battery charge</li> <li>CNG level (in bars)</li> <li>Total CNG use</li> <li>Total CNG use - (count 0)</li> <li>CNG level (in percent)</li> <li>CNG level (in kilograms)</li> <li>Flow compartment temperature</li> <li>Active year number</li> <li>Flow stage speed limit</li> <li>EV battery pack voltage</li> <li>EV battery pack charge</li> <li>Maximum EV battery cell voltage</li> <li>Reading DTC ECU</li> <li>Erasing DTC ECU</li> <li>Reading DTC ABS</li> <li>Erasing DTC ABS</li> <li>Reading DTC SRS</li> <li>Erasing DTC SRS</li> <li>Reading DTC TCM</li> <li>Erasing DTC TCM</li> <li>Reading DTC BMS</li> <li>Erasing DTC BMS</li> <li>Reading DTC machines</li> <li>Erasing DTC machines</li> <li>Reading DTC W/BATTERY</li> <li>Erasing DTC W/BATTERY</li> <li>Reading DTC IV/BATTERY</li> <li>Erasing DTC IV/BATTERY</li> <li>Reading DTC IV/DRIVE SYSTEM</li> <li>Erasing DTC IV/DRIVE SYSTEM</li> <li>Alternative control of central locking</li> <li>All doors lock</li> <li>All doors unlock</li> <li>Alternative control (central locking)</li> <li>Center lock when talks on</li> <li>Alternative turn signal control</li> <li>Turn signal control</li> <li>History control</li> <li>Control closure</li> <li>Speed limit with value</li> <li>Exceeding the speed specified by the sign - Speed limit with value</li> </ul>			
953) LEXUS RX (Hybrid)	year: 2016=>	program # 11968	from 2020-06-16
954) LEXUS RX	year: 2013=>	program # 11226	from 2017-09-01
955) LEXUS RX (Hybrid) (Keyless)	year: 2013=>	program # 11226	from 2017-09-01
956) LEXUS RX (Keyless)	year: 2010=>	program # 11226	from 2017-09-01
957) LEXUS RX	year: 2010=>	program # 11138	from 2017-09-01
958) LEXUS SC	year: 2006=>	program # 11138	from 2017-09-01
959) LEXUS UX	year: 2019=>	program # 12714	from 2021-09-29
960) LEXUS UX (Hybrid)	year: 2019=>	program # 12846	from 2022-04-25
961) LIFAN CEBRUM (720)	year: 2014=>	program # 11594	from 2017-09-01
962) LIFAN MIWAY	year: 2017=>	program # 12243	from 2018-03-01
963) LIFAN SOLANO (620)	year: 2013=>	program # 11595	from 2017-09-01
964) LUXGEN U7 TURBO	year: 2014=>	program # 11518	from 2019-02-06
965) MAN TGE (U7) (EURO 6) (Regular-key)	year: 2017=>	program # 12451	from 2021-12-02
966) MAN TGE (U7) (EURO 6) (Regular-key)	year: 2017=>	program # 12452	from 2021-12-02
967) MASERATI Ghibli	year: 2017=>	program # 14417	from 2023-11-18
968) MASERATI Ghibli	year: 2014=>	program # 13291	from 2020-08-19
969) MASERATI Ghibli	year: 2013=>	program # 12676	from 2019-06-14







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Cars		Legend	
Model	Year	Program	From
1021 MERCEDES C (203)	year: 2001->	program № 11159	from 2017-09-01
1022 MERCEDES CITAN (200)	year: 2022->	program № 14115	from 2022-04-20
1023 MERCEDES CITAN (415)	year: 2017->	program № 12247	from 2018-03-06
1024 MERCEDES CITAN (415)	year: 2012->	program № 11174	from 2021-09-09
1025 MERCEDES CL (210)	year: 2007->	program № 13876	from 2021-10-26
1026 MERCEDES CL (215)	year: 2002->	program № 11125	from 2017-09-01
1027 MERCEDES CL (215)	year: 1999->	program № 11125	from 2017-09-01
1028 MERCEDES CLA (118) (Coupe)	year: 2019->	program № 13761	from 2021-08-05
1029 MERCEDES CLA (117) (Coupe)	year: 2016->	program № 13376	from 2020-10-21
1030 MERCEDES CLA (117) (Coupe)	year: 2013->	program № 11399	from 2017-09-01
1031 MERCEDES CLK (209)	year: 2003->	program № 14387	from 2022-11-04
1032 MERCEDES CLK (208)	year: 1999->	program № 11157	from 2017-09-01
1033 MERCEDES CLS (237)	year: 2018->	program № 12445	from 2018-08-28
1034 MERCEDES CLS (218)	year: 2011->	program № 11141	from 2021-04-01
1035 MERCEDES CLS (219)	year: 2005->	program № 11117	from 2017-09-01
1036 MERCEDES E (213)	year: 2020->	program № 12456	from 2021-08-25
1037 MERCEDES E (238) (Coupe)	year: 2017->	program № 12119	from 2021-08-25



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Cars		Legend	
Year	Program %	Year	Program %
10380 MERCEDES E (G13)	year: 2017->	program % 13197	from 2021-08-25
10379 MERCEDES E (G13)	year: 2018->	program % 11693	from 2021-08-25
10400 MERCEDES E (G12)	year: 2013->	program % 11491	from 2019-04-23
10411 MERCEDES E (207) (Cabrio)	year: 2010->	program % 12618	from 2019-03-22
10423 MERCEDES E (207) (Coupé)	year: 2009->	program % 11141	from 2021-04-01
10433 MERCEDES E (G12)	year: 2009->	program % 11141	from 2021-04-01
10444 MERCEDES E (G11)	year: 2002->	program % 11117	from 2017-09-01
10453 MERCEDES E (G10)	year: 1997->	program % 11157	from 2017-09-01
10466 MERCEDES G (463)	year: 2018->	program % 13659	from 2021-08-25
10473 MERCEDES G (463)	year: 2012->	program % 11399	from 2017-09-01
10485 MERCEDES G (463)	year: 2004->	program % 11159	from 2017-09-01
10499 MERCEDES GL (166)	year: 2013->	program % 11836	from 2019-04-23
10500 MERCEDES GL (164)	year: 2006->	program % 11117	from 2017-09-01
10511 MERCEDES GLA (247)	year: 2020->	program % 13643	from 2021-08-25
10523 MERCEDES GLA (156)	year: 2018->	program % 13199	from 2020-01-17
10531 MERCEDES GLA (156)	year: 2014->	program % 11899	from 2017-09-01
10540 MERCEDES GLB (247)	year: 2020->	program % 13647	from 2021-08-25



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Cars		Legend	
Model	Year	Program	Start Date
10551 MERCEDES GLC (253) (Coupe)	2020-->	12881	2021-08-25
10560 MERCEDES GLC (253)	2020-->	13657	2021-08-25
10571 MERCEDES GLC (253)	2016-->	11688	2019-04-07
10581 MERCEDES GLC (253) (Coupe)	2016-->	12581	2019-04-17
10591 MERCEDES GLE (167) (Coupe)	2022-->	14213	2022-04-28
10600 MERCEDES GLE (167) (Coupe)	2020-->	13785	2021-08-25
10611 MERCEDES GLE (167)	2019-->	12934	2021-08-25
10621 MERCEDES GLE (166)	2016-->	13246	2020-07-03
10631 MERCEDES GLE (292) (Coupe)	2016-->	11686	2017-09-01
10641 MERCEDES GLK (204)	2012-->	11141	2021-04-01
10651 MERCEDES GLK (204)	2008-->	11141	2021-04-01
10660 MERCEDES GLS (167)	2020-->	13651	2021-08-25
10671 MERCEDES GLS (166)	2016-->	11686	2017-09-01
10680 MERCEDES GT GTS (C90)	2019-->	13489	2021-08-25
10690 MERCEDES METRIS (PG2)	2016-->	13391	2021-03-12
10701 MERCEDES ML (166)	2012-->	13442	2020-12-08
10711 MERCEDES ML (164)	2005-->	11117	2019-04-23



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Cars		Legend	
Model	Year	Program	From
1072) MERCEDES ML (163)	year: 1998->	program % 11246	from 2017-09-01
1073) MERCEDES R (251)	year: 2006->	program % 11117	from 2017-09-01
1074) MERCEDES S (223)	year: 2021->	program % 13731	from 2022-11-28
1075) MERCEDES S (222)	year: 2018->	program % 12118	from 2021-06-25
1076) MERCEDES S (217) (coupe)	year: 2015->	program % 12663	from 2019-05-15
1077) MERCEDES S (222)	year: 2013->	program % 11485	from 2019-05-15
1078) MERCEDES S (221)	year: 2009->	program % 11141	from 2021-01-01
1079) MERCEDES S (221)	year: 2007->	program % 12614	from 2019-03-05
1080) MERCEDES S (220)	year: 2002->	program % 11125	from 2019-11-28
1081) MERCEDES S (220)	year: 1998->	program % 11125	from 2017-09-01
1082) MERCEDES SL (231)	year: 2012->	program % 12844	from 2019-09-20
1083) MERCEDES SL (230)	year: 2008->	program % 13245	from 2022-06-15
1084) MERCEDES SL (230)	year: 2004->	program % 13777	from 2022-06-15
1085) MERCEDES SL (230)	year: 2001->	program % 11125	from 2017-09-01
1086) MERCEDES SLK (172)	year: 2011->	program % 11491	from 2017-09-01
1087) MERCEDES SLK (171)	year: 2005->	program % 11163	from 2017-09-01
1088) MERCEDES SPINTER (007)	year: 2021->	program % 13595	from 2022-11-28





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Cars		Legend	
Model	Year	Program #	From
10891 MERCEDES SPINTER (907)	year: 2018->	program % 12454	from 2022-11-28
10900 MERCEDES SPINTER (910)	year: 2018->	program % 12512	from 2022-11-28
10911 MERCEDES SPINTER (906)	year: 2013->	program % 12671	from 2019-05-22
10921 MERCEDES SPINTER (909)	year: 2013->	program % 11598	from 2017-09-01
10931 MERCEDES SPINTER (906)	year: 2006->	program % 11164	from 2022-05-26
10941 MERCEDES SPINTER (904)	year: 2001->	program % 11246	from 2017-09-01
10951 MERCEDES SPINTER (903)	year: 2001->	program % 11246	from 2017-09-01
10960 MERCEDES V (447)	year: 2014->	program % 11521	from 2017-09-01
10971 MERCEDES VIANO (639)	year: 2011->	program % 11164	from 2017-09-01
10981 MERCEDES VIANO (639)	year: 2003->	program % 11164	from 2017-09-01
10991 MERCEDES VITO (447)	year: 2019->	program % 13735	from 2021-08-25
11001 MERCEDES VITO (447)	year: 2014->	program % 11856	from 2017-09-01
11011 MERCEDES VITO (639)	year: 2011->	program % 11164	from 2017-09-01
11021 MERCEDES VITO (639)	year: 2003->	program % 11164	from 2017-09-01
11031 MERCEDES X (470)	year: 2017->	program % 12448	from 2021-03-01
11041 MG 360 (UAE Market)	year: 2019->	program % 13393	from 2020-10-29
11051 MG 5 (UAE Market)	year: 2020->	program % 13318	from 2020-09-04





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Model	Year	Program #	From	Legend
11400 MITSUBISHI OUTLANDER (XL)	2007->	11142	2017-09-01	...
11411 MITSUBISHI OUTLANDER SPORT (RHD)	2010->	12546	2018-11-14	...
11421 MITSUBISHI PAJERO	2012->	11178	2017-09-01	...
11431 MITSUBISHI PAJERO	2007->	11178	2017-09-01	...
11441 MITSUBISHI PAJERO SPORT	2016->	12161	2017-11-16	...
11451 MITSUBISHI PAJERO SPORT	2013->	11179	2017-09-01	...
11461 MITSUBISHI PAJERO SPORT (RHD)	2013->	12548	2018-11-15	...
11471 MITSUBISHI PAJERO SPORT	2008->	11179	2017-09-01	...
11481 MITSUBISHI SPACE STAR	2014->	11638	2017-11-16	...
11491 MITSUBISHI TRITON (RHD)	2016->	12544	2018-11-13	...
1150 NISSAN 350Z	2006->	11216	2021-09-09	...
11511 NISSAN 350Z (Z33)	2004->	11728	2017-09-01	...
11521 NISSAN 370Z NISMO (Z34)	2014->	14318	2022-08-16	...
11531 NISSAN ALTIMA	2007->	11216	2021-09-09	...
11541 NISSAN CUBE	2010->	11259	2021-09-09	...
11551 NISSAN EVALIA (RHD)	2012->	12249	2018-11-15	...
11561 NISSAN FRONTIER (D23)	2020->	13983	2021-12-20	...





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Cars		
Model	Year	Program
1174 NISSAN MICRA	year: 2014->	program № 11259
1175 NISSAN MICRA	year: 2010->	program № 11259
1176 NISSAN MICRA	year: 2006->	program № 11145
1177 NISSAN MICRA (Keyless)	year: 2006->	program № 11186
1178 NISSAN MURANO (Z52)	year: 2015->	program № 11958
1179 NISSAN MURANO (Z51)	year: 2011->	program № 11216
1180 NISSAN MURANO	year: 2007->	program № 11174
1181 NISSAN NAVARA	year: 2005->	program № 11139
1182 NISSAN NAVARA NP300 (D23)	year: 2015->	program № 12972
1183 NISSAN NOTE (Keyless)	year: 2013->	program № 11259
1184 NISSAN NOTE	year: 2013->	program № 11259
1185 NISSAN NOTE	year: 2006->	program № 11145
1186 NISSAN NOTE (Keyless)	year: 2006->	program № 11186
1187 NISSAN NP300 (D22)	year: 2008->	program № 11548
1188 NISSAN NT 400	year: 2014->	program № 12271
1189 NISSAN NY200 EVALIA	year: 2013->	program № 11259
1190 NISSAN NY200	year: 2009->	program № 11145



[en]=> P/N 225238xx (CAN-Control DTC)

V	I	A	Signal																Year	Program	From	To	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
			Key inserted																2015->	11387	2021-09-09		
			Key inserted																2014->	12236	2018-02-27		
			Key inserted																2006->	12237	2018-02-27		
			Key inserted																2006->	12238	2018-02-27		
			Key inserted																2015->	13997	2022-01-17		
			Key inserted																2011->	11279	2017-09-01		
			Key inserted																2006->	11224	2017-09-01		
			Key inserted																2001->	11224	2017-09-01		
			Key inserted																2014->	11468	2017-09-01		
			Key inserted																2022->	13716	2022-11-09		
			Key inserted																2017->	12781	2018-08-22		
			Key inserted																2017->	12124	2021-05-19		
			Key inserted																2014->	11468	2017-09-01		
			Key inserted																2007->	11139	2021-09-09		
			Key inserted																2007->	11147	2021-09-09		
			Key inserted																2009->	11139	2021-09-09		
			Key inserted																2009->	11147	2021-09-09		

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Model	Year	Program No.	From	To	Notes
12080 NISSAN ROGUE	2007->	11174	2021-09-09		
12090 NISSAN SENTRA (B18) (Keyless)	2020->	14382	2022-10-24		
12100 NISSAN SENTRA (B17)	2014->	11297	2021-09-09		
12110 NISSAN TEANA (G33) (Keyless)	2014->	11367	2017-09-01		
12120 NISSAN TEANA (G32)	2011->	11216	2021-09-09		
12130 NISSAN TEANA (G32)	2008->	11216	2021-09-09		
12140 NISSAN TERRANO	2014->	11283	2017-09-01		
12150 NISSAN THIDA	2007->	11145	2017-09-01		
12160 NISSAN THIDA (Keyless)	2007->	11186	2017-09-01		
12170 NISSAN TITAN	2008->	11259	2021-09-09		
12180 NISSAN TOWNSTAR	2022->	14368	2022-10-07		
12190 NISSAN URVAN (E26)	2018->	13996	2021-01-14		
12200 NISSAN V-DRIVE (N17) (Keyless)	2019->	13995	2021-01-12		
12210 NISSAN VERSA (N18) (Keyless)	2021->	13991	2021-01-10		
12220 NISSAN WINGROAD (I12)	2006->	11147	2021-09-09		
12230 NISSAN X-TRAIL (F32)	2017->	12125	2021-05-19		
12240 NISSAN X-TRAIL (F32)	2014->	11468	2017-09-01		





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Cats											
1	2	3	4	5	6	7	8	9	10	11	12
<p>Ignition</p> <p>Key inserted</p> <p>Engine is working</p> <p>Handbrake</p> <p>Stations of the hazard warning lights switch</p> <p>Front left door</p> <p>Front right door</p> <p>Rear left door</p> <p>Rear right door</p> <p>Brake cover</p> <p>Electrically operated</p> <p>Electric engine working</p> <p>Car has been closed using original remote or module command</p> <p>Emergency alarm</p> <p>Original remote - CLOSE</p> <p>Original remote - OPEN</p> <p>The original remote of the car - Resawning</p> <p>The original remote of the car - Open trunk</p> <p>Reverse</p> <p>Neutral</p> <p>Drive</p> <p>Engine is working on LPG</p> <p>Braking lights</p> <p>Blurred headlights</p> <p>Full beam headlights</p> <p>Rear fog lights</p> <p>Front fog lights</p> <p>Left mirror fold</p> <p>Right mirror fold</p> <p>Left mirror lock</p> <p>Right mirror lock</p> <p>Total mileage of this vehicle (odometer)</p> <p>Vehicle mileage - (counted)</p> <p>Total fuel consumption</p> <p>Total fuel consumption - (counted)</p> <p>Fuel level (in percent)</p> <p>Fuel level (in liters)</p> <p>Engine speed (RPM)</p> <p>Engine temperature</p> <p>Vehicle speed</p> <p>Vehicle speed (in km/h)</p> <p>Latches level (in liters)</p> <p>Acceleration pedal position</p> <p>VIN number</p> <p>HV battery level</p> <p>Total CHG use</p> <p>Total CHG consumption</p> <p>CHG level (in percent)</p> <p>CHG level (in kilograms)</p> <p>Vehicle range</p> <p>Vehicle's range on HV battery</p> <p>Time to the end of the HV battery charge</p> <p>CHG level (in bars)</p> <p>Total CHG use</p> <p>Total CHG use - (count 0)</p> <p>CHG level (in percent)</p> <p>CHG level (in kilograms)</p> <p>Door compartment temperature</p> <p>Active year number</p> <p>Door status speed limit</p> <p>HV battery pack voltage</p> <p>Minimum HV battery cell voltage</p> <p>Maximum HV battery cell voltage</p> <p>Braking DTC ECM</p> <p>Erasing DTC ECM</p> <p>Braking DTC ABS</p> <p>Erasing DTC ABS</p> <p>Braking DTC SRS</p> <p>Erasing DTC SRS</p> <p>Braking DTC TCM</p> <p>Erasing DTC TCM</p> <p>Braking DTC BSM</p> <p>Erasing DTC BSM</p> <p>Braking DTC machines</p> <p>Erasing DTC machines</p> <p>Braking DTC HV BATTERY</p> <p>Erasing DTC HV BATTERY</p> <p>Braking DTC IVBIRL SYSTEM</p> <p>Erasing DTC IVBIRL SYSTEM</p> <p>Alternative control of central locking</p> <p>All doors lock</p> <p>All doors unlock</p> <p>Alternative control (remote/sharing)</p> <p>Center lock when talks on</p> <p>Alternative turn signal control</p> <p>Turn signal control</p> <p>Items control</p> <p>Center clearance</p> <p>Speed limit with value</p> <p>Exceeding the speed specified by the sign - Speed limit with value</p>											
12423 OPEL CORSA D											
year: 2009=> program % 11354 from 2017-09-01											
12423 OPEL CORSA D											
year: 2006=> program % 11324 from 2017-09-01											
12444 OPEL CROSSLAND											
year: 2021=> program % 13575 from 2021-02-26											
12451 OPEL CROSSLAND X											
year: 2018=> program % 12348 from 2019-09-24											
12460 OPEL GRANDLAND											
year: 2022=> program % 14229 from 2022-06-27											
12471 OPEL GRANDLAND X											
year: 2017=> program % 12347 from 2020-03-24											
12480 OPEL INSIGNIA A SPORTS TOURER											
year: 2014=> program % 11453 from 2017-09-01											
12490 OPEL INSIGNIA A											
year: 2014=> program % 11453 from 2017-09-01											
12500 OPEL INSIGNIA A											
year: 2009=> program % 11183 from 2021-06-21											
12511 OPEL INSIGNIA B											
year: 2021=> program % 13578 from 2021-03-04											
12523 OPEL INSIGNIA B											
year: 2017=> program % 12341 from 2020-07-03											
12531 OPEL KARL											
year: 2016=> program % 13212 from 2020-07-03											
12541 OPEL MERIVA B											
year: 2014=> program % 11183 from 2021-06-21											
12550 OPEL MERIVA B											
year: 2010=> program % 11183 from 2021-06-21											
12560 OPEL MOKKA (B)											
year: 2021=> program % 13757 from 2021-08-17											
12571 OPEL MOKKA											
year: 2012=> program % 11243 from 2020-07-03											
12580 OPEL MOKKA X											
year: 2016=> program % 11912 from 2020-12-14											

[en] => P/N 225238xx (CAN-Control DTC)

Model	Year	Program No.	CAN-Control DTC	
			Year	Program No.
CARS				
12591 OPEL MOVANO (EURO 6)	year: 2022=>	program № 14238	from 2022-11-03	
12609 OPEL MOVANO (EURO 6)	year: 2019=>	program № 13147	from 2021-06-02	
12611 OPEL MOVANO (EURO 5)	year: 2014=>	program № 12922	from 2021-06-02	
12621 OPEL MOVANO	year: 2010=>	program № 11436	from 2021-06-02	
12638 OPEL SIGNUM	year: 2002=>	program № 11114	from 2017-09-01	
12641 OPEL VECTRA C	year: 2002=>	program № 11114	from 2017-09-01	
12651 OPEL VIVARO	year: 2019=>	program № 12849	from 2020-08-31	
12660 OPEL VIVARO	year: 2014=>	program № 12839	from 2019-12-09	
12671 OPEL VIVARO	year: 2006=>	program № 11224	from 2017-09-01	
12681 OPEL VIVARO	year: 2001=>	program № 11224	from 2017-09-01	
12691 OPEL ZAFIRA TOURER C	year: 2012=>	program № 11183	from 2021-06-21	
12701 OPEL ZAFIRA B	year: 2005=>	program № 11184	from 2017-09-01	
12711 PEUGEOT 2008 (GT-Line) (Keyless)	year: 2020=>	program № 13124	from 2020-03-24	
12721 PEUGEOT 2008	year: 2013=>	program № 11286	from 2020-03-24	
12731 PEUGEOT 207	year: 2006=>	program № 11143	from 2017-09-01	
12741 PEUGEOT 207	year: 2006=>	program № 11193	from 2017-09-01	
12751 PEUGEOT 208	year: 2019=>	program № 13153	from 2020-04-03	



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Cars	
ID	Description
12760 PEUGEOT 208	... year: 2012=> ... program % 11298 ... from 2020-03-24
12770 PEUGEOT 3008 (LUX Market)	... year: 2020=> ... program % 13394 ... from 2020-11-30
12780 PEUGEOT 3008 (Aburo) (Keyless)	... year: 2017=> ... program % 13122 ... from 2020-03-24
12790 PEUGEOT 3008	... year: 2009=> ... program % 11143 ... from 2020-03-24
12800 PEUGEOT 3008	... year: 2009=> ... program % 11193 ... from 2020-03-24
12810 PEUGEOT 307	... year: 2006=> ... program % 11143 ... from 2020-03-24
12820 PEUGEOT 307	... year: 2006=> ... program % 11193 ... from 2020-03-24
12830 PEUGEOT 308 (Automatic-transmission)	... year: 2022=> ... program % 14428 ... from 2022-11-02
12840 PEUGEOT 308 (Manual-transmission)	... year: 2022=> ... program % 14328 ... from 2022-08-31
12850 PEUGEOT 308	... year: 2017=> ... program % 12924 ... from 2020-03-24
12860 PEUGEOT 308	... year: 2012=> ... program % 13048 ... from 2020-12-18
12870 PEUGEOT 308	... year: 2007=> ... program % 11143 ... from 2017-09-01
12880 PEUGEOT 308	... year: 2007=> ... program % 11193 ... from 2017-09-01
12890 PEUGEOT 4007	... year: 2007=> ... program % 11142 ... from 2017-09-01
12900 PEUGEOT 4008	... year: 2012=> ... program % 11451 ... from 2017-09-01
12910 PEUGEOT 407	... year: 2006=> ... program % 11143 ... from 2020-03-24
12920 PEUGEOT 407	... year: 2006=> ... program % 11193 ... from 2020-03-24







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Car Model	Status																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
<b>Legend:</b> 1. Ignition 2. PDK disconnect 3. PDK not engaged 4. Ignition is working on CAN 5. Handbrake 6. Status of the hazard warning lights switch 7. Front left door 8. Front right door 9. Rear left door 10. Rear right door 11. Hood 12. Trunk cover 13. Trunk cover (hood) 14. Charging cable connected 15. HV battery charging 16. Electric engine working 17. Car has been closed within original remote or module command 18. Battery alarm 19. Emulated alarm 20. Original remote - CLOSE 21. Original remote - OPEN 22. Original remote of the car - Resuming 23. Original remote of the car - Open trunk 24. Stop 25. Reverse 26. Neutral 27. Drive 28. Engine is working on LDC 29. Blinking lights 30. Dipped headlights 31. Full beam headlights 32. Power fog lights 33. Power rear lights 34. Power side lights 35. Power interior lights 36. Lock all doors lock 37. Lock all doors unlock 38. Total mileage of this vehicle (in allboards) 39. Vehicle mileage - (counted) 40. Total fuel consumption 41. Total fuel consumption - (counted) 42. Fuel level (in percent) 43. Fuel level (in liters) 44. Engine speed (RPM) 45. Engine temperature 46. Vehicle speed (km/h) 47. Vehicle speed (mph) 48. Vehicle speed (in fteps) 49. Lateral feed (in bars) 50. Acceleration pedal position 51. VIN number 52. HV battery level 53. Total CANC use 54. Total CANC consumption 55. CANC level (in percent) 56. CANC level (in kilograms) 57. Vehicle range 58. Vehicle's range on HV battery 59. Vehicle's range on EV battery 60. Time to the end of the HV battery charge 61. CANC level (in bars) 62. Total CANC use 63. Total CANC use - (counted) 64. LKNG level (in percent) 65. LKNG level (in kilograms) 66. Floor compartment temperature 67. Active year number 68. Road stage speed limit 69. HV battery pack voltage 70. HV battery pack voltage 71. Maximum HV battery cell voltage 72. Maximum HV battery cell voltage 73. Reading DTC ECM 74. Erasing DTC ECM 75. Reading DTC ABS 76. Erasing DTC ABS 77. Reading DTC SRS 78. Erasing DTC SRS 79. Reading DTC TCM 80. Erasing DTC TCM 81. Reading DTC BCM 82. Erasing DTC BCM 83. Reading DTC ESP 84. Erasing DTC ESP 85. Reading DTC machines 86. Erasing DTC machines 87. Reading DTC IW/BATTERY 88. Erasing DTC IW/BATTERY 89. Reading DTC IWB/BATTERY 90. Erasing DTC IWB/BATTERY 91. Reading DTC IVWB/LD SYSTEM 92. Erasing DTC IVWB/LD SYSTEM 93. Alternative control of central locking 94. All doors lock 95. All doors unlock 96. Alternative control (central locking) 97. Alternative control (central locking) 98. Center lock when talks on 99. Alternative turn signal control 100. Turn signal control 101. Horn control 102. Center clearance 103. Speed limit with value 104. Exceeding the speed specified by the sign - Speed limit with value																																
1344i RAM 1500 CLASSIC	year: 2018=> program: 13593 from: 2021-03-23																															
1345i RAM 1500 PROMASTER	year: 2020=> program: 13258 from: 2022-11-03																															
1346i RAM 1500 PROMASTER	year: 2017=> program: 12668 from: 2022-11-03																															
1347i RAM 1500 PROMASTER	year: 2014=> program: 12667 from: 2022-08-16																															
1348i RAM 2500 PROMASTER	year: 2020=> program: 13258 from: 2022-11-03																															
1349i RAM 2500 PROMASTER	year: 2017=> program: 12668 from: 2022-11-03																															
1350i RAM 2500 PROMASTER	year: 2014=> program: 12667 from: 2022-08-16																															
1351i RAM 3500 PROMASTER	year: 2020=> program: 13258 from: 2022-11-03																															
1352i RAM 3500 PROMASTER	year: 2017=> program: 12668 from: 2022-11-03																															
1353i RAM 3500 PROMASTER	year: 2014=> program: 12667 from: 2022-08-16																															
1354i RAM 700	year: 2021=> program: 13035 from: 2023-12-09																															
1355i RAM PROMASTER CITY	year: 2017=> program: 12674 from: 2019-05-21																															
1356i RAM PROMASTER CITY	year: 2015=> program: 12669 from: 2022-08-16																															
1377i RENAULT ARKANA	year: 2022=> program: 13715 from: 2022-10-07																															
1358i RENAULT ARKANA (Hybrid)	year: 2022=> program: 14188 from: 2022-10-07																															
1359i RENAULT ARKANA (RussianMarket)	year: 2020=> program: 13998 from: 2020-12-17																															
1360i RENAULT CAPTUR II	year: 2020=> program: 12984 from: 2022-10-07																															





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Cars		Legend	
Model	Year	Program	From
<p>13780 RENAULT INITIALE (Keyless)</p> <p>year: 2015-&gt; program % 11625 from 2015-04-25</p>			
<p>13789 RENAULT KADJAR</p> <p>year: 2015-&gt; program % 12742 from 2015-09-19</p>			
<p>13800 RENAULT KADJAR (Keyless)</p> <p>year: 2015-&gt; program % 11625 from 2015-04-25</p>			
<p>13811 RENAULT KANGOO</p> <p>year: 2021-&gt; program % 13826 from 2022-10-07</p>			
<p>13823 RENAULT KANGOO</p> <p>year: 2008-&gt; program % 11174 from 2021-09-09</p>			
<p>13833 RENAULT KANGOO</p> <p>year: 2004-&gt; program % 11224 from 2018-04-16</p>			
<p>13841 RENAULT KANGOO M&amp;K</p> <p>year: 2017-&gt; program % 12289 from 2018-06-09</p>			
<p>13853 RENAULT KAPTUR</p> <p>year: 2016-&gt; program % 12159 from 2017-11-15</p>			
<p>13860 RENAULT KOLEOS</p> <p>year: 2021-&gt; program % 13889 from 2021-12-03</p>			
<p>13879 RENAULT KOLEOS</p> <p>year: 2017-&gt; program % 12134 from 2018-02-23</p>			
<p>13880 RENAULT KOLEOS</p> <p>year: 2012-&gt; program % 11443 from 2021-09-09</p>			
<p>13899 RENAULT KOLEOS</p> <p>year: 2008-&gt; program % 11443 from 2021-09-09</p>			
<p>13900 RENAULT LAGUNA III</p> <p>year: 2008-&gt; program % 11182 from 2017-09-01</p>			
<p>13911 RENAULT LODGY</p> <p>year: 2012-&gt; program % 11574 from 2017-09-01</p>			
<p>13921 RENAULT LOGAN</p> <p>year: 2013-&gt; program % 11574 from 2017-09-01</p>			
<p>13930 RENAULT LOGAN MCV II</p> <p>year: 2013-&gt; program % 11574 from 2017-09-01</p>			
<p>13941 RENAULT MASTER (EURO 6)</p> <p>year: 2022-&gt; program % 14319 from 2022-08-17</p>			



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CARS		Legend	
Model	Year	Program	From
14123 RENAULT TALISMAN	2021->	13963	2022-10-07
14123 RENAULT TALISMAN	2020->	13423	2022-10-07
14141 RENAULT TALISMAN (Keyless)	2015->	11625	2019-04-25
14151 RENAULT TRAFIC	2022->	13717	2022-10-07
14161 RENAULT TRAFIC	2020->	13217	2020-04-06
14171 RENAULT TRAFIC	2014->	12921	2019-12-09
14181 RENAULT TRAFIC	2006->	11224	2017-09-01
14191 RENAULT TRAFIC	2001->	11224	2017-09-01
14201 RENAULT TWINGO III	2014->	11372	2017-09-01
14211 RENAULT TWINGO II	2008->	11174	2021-09-09
14221 ROLLS ROYCE PHANTOM	2003->	13324	2020-09-01
14231 SAAB 9-3 (YS3E)	2001->	11126	2017-09-01
14241 SAAB 9-5 (YS3E)	1998->	11156	2017-09-01
14251 SCHN FR-S	2012->	11392	2017-09-01
14261 SEAT ALHAMBRA (7N)	2015->	11897	2021-09-29
14271 SEAT ALTEA (5P)	2005->	11111	2017-09-01
14281 SEAT ALTEA FREERACK 4 (5P)	2007->	11111	2017-09-01

Model	Year	Program	From
14123 RENAULT TALISMAN	2021->	13963	2022-10-07
14123 RENAULT TALISMAN	2020->	13423	2022-10-07
14141 RENAULT TALISMAN (Keyless)	2015->	11625	2019-04-25
14151 RENAULT TRAFIC	2022->	13717	2022-10-07
14161 RENAULT TRAFIC	2020->	13217	2020-04-06
14171 RENAULT TRAFIC	2014->	12921	2019-12-09
14181 RENAULT TRAFIC	2006->	11224	2017-09-01
14191 RENAULT TRAFIC	2001->	11224	2017-09-01
14201 RENAULT TWINGO III	2014->	11372	2017-09-01
14211 RENAULT TWINGO II	2008->	11174	2021-09-09
14221 ROLLS ROYCE PHANTOM	2003->	13324	2020-09-01
14231 SAAB 9-3 (YS3E)	2001->	11126	2017-09-01
14241 SAAB 9-5 (YS3E)	1998->	11156	2017-09-01
14251 SCHN FR-S	2012->	11392	2017-09-01
14261 SEAT ALHAMBRA (7N)	2015->	11897	2021-09-29
14271 SEAT ALTEA (5P)	2005->	11111	2017-09-01
14281 SEAT ALTEA FREERACK 4 (5P)	2007->	11111	2017-09-01

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Model	Year	Program #	Start	End	Notes
14291 SEAT ALTEA XL (SP)	2010->	11452		2017-09-01	...
14300 SEAT ARONA (KZ) (Start-button)	2021->	14391		2022-10-06	...
14311 SEAT ARONA (KZ) (Regular-key)	2021->	14394		2022-10-06	...
14320 SEAT ARONA (KZ)	2018->	12195		2022-05-31	...
14330 SEAT ARONA (KZ) (Regular-key)	2018->	13498		2022-05-31	...
14340 SEAT ARONA (KZ) (Start-button)	2021->	13484		2022-05-31	...
14350 SEAT ARONA (KZ)	2016->	11884		2018-04-03	...
14360 SEAT CORDOBA (SL)	2003->	11161		2017-09-01	...
14370 SEAT EXEO (3R)	2009->	11132		2017-09-01	...
14380 SEAT IBIZA (KJ) (Regular-key)	2022->	14375		2022-09-30	...
14390 SEAT IBIZA (KJ) (Start-button)	2022->	14393		2022-09-30	...
14400 SEAT IBIZA (KJ)	2018->	12196		2022-05-31	...
14410 SEAT IBIZA (KJ) (Regular-key)	2018->	13483		2022-05-31	...
14420 SEAT IBIZA (6J)	2017->	11928		2017-09-01	...
14430 SEAT IBIZA (6J)	2013->	11449		2017-09-01	...
14440 SEAT IBIZA (6J)	2009->	11176		2017-09-01	...
14450 SEAT IBIZA (6L)	2003->	11161		2017-09-01	...





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Model	Year	Program #	CAN-Control DTC			
			Read	Clear		
CARS	<ul style="list-style-type: none"> <li>1. Ignition</li> <li>2. Fuel injected</li> <li>3. Air flow sensor</li> <li>4. Engine is working on CAN</li> <li>5. Handbrake</li> <li>6. Reverse</li> <li>7. Status of the hazard warning lights switch</li> <li>8. Front left door</li> <li>9. Front right door</li> <li>10. Rear left door</li> <li>11. Rear right door</li> <li>12. Hood</li> <li>13. Trunk cover</li> <li>14. Locking cable disconnected</li> <li>15. HV battery charging</li> <li>16. Electric engine working</li> <li>17. Car has been closed using original remote or modules command</li> <li>18. Battery alarm</li> <li>19. Immobilizer alarm</li> <li>20. Original remote - CLOSE</li> <li>21. Original remote - OPEN</li> <li>22. The original remote of the car - Resending</li> <li>23. The original remote of the car - Open trunk.</li> <li>24. The original remote of the car - Open trunk.</li> <li>25. Reverse</li> <li>26. Neutral</li> <li>27. Drive</li> <li>28. EVHE</li> <li>29. Engine is working on LDC</li> <li>30. Blinking lights</li> <li>31. Dipped headlights</li> <li>32. Full beam headlights</li> <li>33. Rear fog lights</li> <li>34. Front fog lights</li> <li>35. Turn right lights</li> <li>36. Turn left lights</li> <li>37. Left mirror fold</li> <li>38. Right mirror fold</li> <li>39. Total mileage of this vehicle (on allboards)</li> <li>40. Vehicle mileage - consumed</li> <li>41. Total fuel consumption</li> <li>42. Total fuel consumption - consumed</li> <li>43. Fuel level (in percent)</li> <li>44. Fuel level (in liters)</li> <li>45. Engine speed (RPM)</li> <li>46. Engine temperature</li> <li>47. Vehicle speed</li> <li>48. Vehicle speed - average</li> <li>49. Lateral load (in liters)</li> <li>50. Acceleration pedal position</li> <li>51. VIN number</li> <li>52. HV battery level</li> <li>53. Total CAN use</li> <li>54. Total CAN consumption</li> <li>55. CAN level (in percent)</li> <li>56. CAN level (in kilograms)</li> <li>57. Vehicle range</li> <li>58. Voltage range on HV battery</li> <li>59. Voltage range on HV battery - consumed</li> <li>60. Voltage range on HV battery - consumed</li> <li>61. CAN level (in bars)</li> <li>62. Total CAN use</li> <li>63. Total CAN use - consumed</li> <li>64. CAN level (in percent)</li> <li>65. CAN level (in kilograms)</li> <li>66. Fuel compartment temperature</li> <li>67. Active year number</li> <li>68. Road sign speed limit</li> <li>69. HV battery pack voltage</li> <li>70. HV battery pack voltage - consumed</li> <li>71. Maximum HV battery cell voltage</li> <li>72. Remaining HV battery cell voltage</li> <li>73. Remaining HV battery cell voltage</li> <li>74. Remaining HV battery cell voltage</li> <li>75. Remaining HV battery cell voltage</li> <li>76. Remaining HV battery cell voltage</li> <li>77. Remaining HV battery cell voltage</li> <li>78. Remaining HV battery cell voltage</li> <li>79. Remaining HV battery cell voltage</li> <li>80. Remaining HV battery cell voltage</li> <li>81. 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		1463 SKODA FABIA III (NJ)	year: 2013->>>	program # 11449	from 2017-09-01	Read: * * * * * Clear: * * * * *
		1464 SKODA FABIA II (GJ)	year: 2010->>>	program # 11176	from 2017-09-01	Read: * * * * * Clear: * * * * *
		1465 SKODA FABIA II (GJ)	year: 2007->>>	program # 11161	from 2017-09-01	Read: * * * * * Clear: * * * * *
		1467 SKODA FABIA I (6Y)	year: 2006->>>	program # 11161	from 2017-09-01	Read: * * * * * Clear: * * * * *
		1468 SKODA FABIA CLASSIC III (NJ) (Regular-key)	year: 2018->>>	program # 14349	from 2022-08-31	Read: * * * * * Clear: * * * * *
		1469 SKODA KAROO (NW) (Start-button)	year: 2019->>>	program # 12986	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1470 SKODA KAROO (NU) (Start-button)	year: 2022->>>	program # 14379	from 2022-10-05	Read: * * * * * Clear: * * * * *
		1471 SKODA KAROO (NV) (Start-button)	year: 2020->>>	program # 13354	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1472 SKODA KAROO (NV) (Start-button)	year: 2017->>>	program # 12279	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1473 SKODA KODIAQ (NS) (Start-button)	year: 2022->>>	program # 14178	from 2022-10-05	Read: * * * * * Clear: * * * * *
		1474 SKODA KODIAQ (NS) (Start-button)	year: 2020->>>	program # 13353	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1475 SKODA KODIAQ (NS) (Start-button)	year: 2017->>>	program # 11936	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1476 SKODA OCTAVIA IV (NX) (Start-button)	year: 2020->>>	program # 13149	from 2022-05-31	Read: * * * * * Clear: * * * * *
		1477 SKODA OCTAVIA IV (NX) (Automatic-transmission)	year: 2020->>>	program # 13793	from 2021-11-16	Read: * * * * * Clear: * * * * *
		1478 SKODA OCTAVIA III (NE)	year: 2017->>>	program # 11943	from 2017-09-01	Read: * * * * * Clear: * * * * *
		1479 SKODA OCTAVIA III (NE) (HockeyEdition)	year: 2015->>>	program # 11391	from 2022-05-31	Read: * * * * * Clear: * * * * *





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Table with columns for DTC codes, descriptions, and status indicators. Includes sections for various car models like SKODA SUPERB (3T), SMART FORFOUR (453), and SHANGYONG models. The table lists DTC codes and their corresponding descriptions, such as 'Engine is working on LPG', 'Braking lights', 'Fuel tank level', etc. Status indicators are shown in the bottom row of each model section, using colored squares and symbols to denote the presence or absence of specific DTCs.



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Model	Year	Program	From	...
15311 SUBARU IMPREZA (GE / GH / GR / CV)	2008	11177	2017-09-01	...
15320 SUBARU LEGACY (BN / BS)	2015	13355	2020-09-22	...
15333 SUBARU LEGACY (BL / BP)	2008	11177	2017-09-01	...
15340 SUBARU LEGACY (BL / BP)	2004	11177	2017-09-01	...
15355 SUBARU LEVORG (VM) (Keyless)	2015	11713	2017-09-01	...
15360 SUBARU OUTBACK (BT) (Keyless)	2021	13978	2022-02-14	...
15370 SUBARU OUTBACK (BS) (Keyless)	2018	13411	2020-10-20	...
15380 SUBARU OUTBACK (BS) (Keyless)	2016	11698	2017-09-01	...
15390 SUBARU OUTBACK (BR)	2013	11423	2017-09-01	...
15400 SUBARU OUTBACK (BR) (Keyless)	2010	11265	2017-09-01	...
15411 SUBARU OUTBACK (BP)	2008	11177	2017-09-01	...
15420 SUBARU OUTBACK (BP)	2004	11177	2017-09-01	...
15430 SUBARU TRIBECA B9 (WX)	2006	11197	2017-09-01	...
15440 SUBARU XV (GT) (e-BOXER) (Keyless)	2021	13994	2022-01-05	...
15450 SUBARU XV (GT) (Keyless)	2021	14114	2022-02-14	...
15460 SUBARU XV (GT) (Keyless)	2018	12239	2022-01-10	...
15470 SUBARU XV (GT)	2018	13249	2022-01-10	...

Legend:   
 \* Exceeding the speed specified by the sign   
 \* Speed limit with value   
 \* End of speed limit with value   
 \* Center clearance   
 \* Horn control   
 \* Turn signal control   
 \* Alternative turn signal control   
 \* Control lock when talks on   
 \* Control lock when talks on   
 \* Alternative control of central locking   
 \* Alternative control of central locking   
 \* All doors lock   
 \* All doors unlock   
 \* Power windows control (remote/shutdown)   
 \* Power windows control (remote/shutdown)   
 \* Center lock when talks on   
 \* Alternative turn signal control   
 \* Turn signal control   
 \* Horn control   
 \* Center clearance   
 \* Speed limit with value   
 \* End of speed limit with value   
 \* Exceeding the speed specified by the sign   
 \* Speed limit with value

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CARS		Legend	
Model	Year	Program	From
15480 SUZUKI XY (CP) (Keyless)	year: 2012->	program № 11395	from 2017-09-01
15490 SUZUKI XY (CP)	year: 2012->	program № 11395	from 2017-09-01
15500 SUZUKI BALENO (FW)	year: 2016->	program № 11744	from 2022-10-20
15510 SUZUKI CELERIO II	year: 2014->	program № 11735	from 2022-10-20
15520 SUZUKI ERTIGA (ZP) (RHD)	year: 2012->	program № 12533	from 2022-10-20
15530 SUZUKI GRAND VITARA (Keyless)	year: 2008->	program № 11115	from 2022-10-20
15540 SUZUKI GRAND VITARA	year: 2008->	program № 11115	from 2022-10-20
15550 SUZUKI GRAND VITARA (Keyless)	year: 2005->	program № 11115	from 2022-10-20
15560 SUZUKI GRAND VITARA	year: 2005->	program № 11115	from 2022-10-20
15570 SUZUKI HENIS	year: 2020->	program № 13574	from 2022-10-20
15580 SUZUKI JIMNY	year: 2018->	program № 12729	from 2022-10-20
15590 SUZUKI JIMNY	year: 2015->	program № 11627	from 2022-10-20
15600 SUZUKI KZASHI	year: 2010->	program № 11415	from 2022-10-20
15610 SUZUKI SPLASH	year: 2008->	program № 11168	from 2022-10-20
15620 SUZUKI SWACE (Hybrid)	year: 2021->	program № 13547	from 2022-04-25
15630 SUZUKI SWIFT	year: 2021->	program № 13548	from 2022-10-20
15640 SUZUKI SWIFT	year: 2017->	program № 12858	from 2022-10-20



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Part Number	Year	Program	From	To	Features	Notes
15653 SUZUKI SWIFT (Keyless)	2010->	11115	2022-10-20		Ignition Passive anti-theft Engine is working Handbrake Reverse Status of the hazard warning lights switch Front left door Front right door Rear left door Rear right door Brake Brake cover Brake cover (rear) Exhausting cable connected HV battery charging Electric engine working Car has been closed using original remote or module command Battery alarm Immobilizer alarm Original remote - OPEN Original remote - CLOSE The original remote of the car - Resuming The original remote of the car - Open trunk The horn Reverse Neutral Drive DTC Engine is working on LPG Parking lights Blurred headlights Full beam headlights Rear fog lights Rear fog lights Turn signal lights Turn signal lights Left mirror fold Left mirror fold Total mileage of this vehicle (odometer) Vehicle mileage - (counted) Total fuel consumption Total fuel consumption - (counted) Fuel level (in percent) Fuel level (in liters) Engine speed (RPM) Engine temperature Vehicle speed Vehicle speed (average) Latitude level (in bars) Acceleration pedal position VIN number HV battery level Total CNG use Total CNG consumption CNG level (in percent) CNG level (in kilograms) Vehicle range Vehicle's range on HV battery Vehicle's range on CNG Time to the end of the HV battery charge CNG level (in bars) Total CNG use Total CNG use - (counted) CNG level (in percent) CNG level (in kilograms) Floor compartment temperature Active year number Floor drain speed limit HV battery pack voltage HV battery pack voltage - (counted) Maximum HV battery cell voltage Braking DTC ECM Erasing DTC ECM Erasing DTC ABS Braking DTC ABS Erasing DTC ABS Erasing DTC SRS Erasing DTC SRS Erasing DTC TCM Erasing DTC TCM Erasing DTC BSM Erasing DTC BSM Braking DTC machines Erasing DTC machines Erasing DTC W/BATTERY Erasing DTC W/BATTERY Erasing DTC HV BATTERY Erasing DTC HV BATTERY Erasing DTC HYBRID SYSTEM Erasing DTC HYBRID SYSTEM Alternative control of central locking All doors lock All doors unlock HV battery control (remote/Bluetooth) Center lock when talks on Alternative turn signal control Turn signal control Horn control Center clearance Speed limit with value Exceeding the speed specified by the sign - Speed limit with value	
15660 SUZUKI SWIFT	2010->	11115	2022-10-20			
15671 SUZUKI SWIFT (Keyless)	2005->	11115	2022-10-20			
15680 SUZUKI SWIFT	2005->	11115	2022-10-20			
15690 SUZUKI SX4 (BrazilianMarket)	2014->	11455	2022-10-20			
15700 SUZUKI SX4 (Keyless)	2010->	11115	2022-10-20			
15710 SUZUKI SX4	2010->	11115	2022-10-20			
15720 SUZUKI SX4 (Keyless)	2006->	11115	2022-10-20			
15730 SUZUKI SX4	2006->	11115	2022-10-20			
15740 SUZUKI SX4 S-CROSS (Keyless)	2022->	14131	2022-01-28			
15750 SUZUKI SX4 S-CROSS (Keyless)	2021->	13536	2022-10-20			
15760 SUZUKI SX4 S-CROSS	2014->	11455	2022-10-20			
15770 SUZUKI VITARA	2021->	13546	2022-10-20			
15780 SUZUKI VITARA	2018->	12837	2022-10-20			
15790 SUZUKI VITARA	2015->	11738	2022-10-20			
15800 SUZUKI XL7	2008->	11149	2017-09-01			
15810 TOYOTA ARIENNER (N280)	2010->	11138	2017-09-01			



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Cars		Legend		Description		Program		Year		Status		Remarks	
Model	Year	Program	Year	Model	Year	Program	Year	Model	Year	Model	Year	Model	Year
15991 TOYOTA AYGO X (Start-button)	2022	14228	2022	15991 TOYOTA AYGO X (Start-button)	2022	14228	2022	15991 TOYOTA AYGO X (Start-button)	2022	15991 TOYOTA AYGO X (Start-button)	2022	15991 TOYOTA AYGO X (Start-button)	2022
14009 TOYOTA AYGO X (Regular-key)	2022	14229	2022	14009 TOYOTA AYGO X (Regular-key)	2022	14229	2022	14009 TOYOTA AYGO X (Regular-key)	2022	14009 TOYOTA AYGO X (Regular-key)	2022	14009 TOYOTA AYGO X (Regular-key)	2022
16011 TOYOTA C-HR	2020	13155	2020	16011 TOYOTA C-HR	2020	13155	2020	16011 TOYOTA C-HR	2020	16011 TOYOTA C-HR	2020	16011 TOYOTA C-HR	2020
16021 TOYOTA C-HR (Hybrid)	2020	13161	2020	16021 TOYOTA C-HR (Hybrid)	2020	13161	2020	16021 TOYOTA C-HR (Hybrid)	2020	16021 TOYOTA C-HR (Hybrid)	2020	16021 TOYOTA C-HR (Hybrid)	2020
16031 TOYOTA C-HR (Hybrid)	2017	11974	2017	16031 TOYOTA C-HR (Hybrid)	2017	11974	2017	16031 TOYOTA C-HR (Hybrid)	2017	16031 TOYOTA C-HR (Hybrid)	2017	16031 TOYOTA C-HR (Hybrid)	2017
16041 TOYOTA C-HR	2017	11891	2017	16041 TOYOTA C-HR	2017	11891	2017	16041 TOYOTA C-HR	2017	16041 TOYOTA C-HR	2017	16041 TOYOTA C-HR	2017
16051 TOYOTA CALYA (RHD)	2017	12516	2017	16051 TOYOTA CALYA (RHD)	2017	12516	2017	16051 TOYOTA CALYA (RHD)	2017	16051 TOYOTA CALYA (RHD)	2017	16051 TOYOTA CALYA (RHD)	2017
16060 TOYOTA CAMRY (Hybrid)	2021	13788	2021	16060 TOYOTA CAMRY (Hybrid)	2021	13788	2021	16060 TOYOTA CAMRY (Hybrid)	2021	16060 TOYOTA CAMRY (Hybrid)	2021	16060 TOYOTA CAMRY (Hybrid)	2021
16071 TOYOTA CAMRY (Hybrid)	2019	12973	2019	16071 TOYOTA CAMRY (Hybrid)	2019	12973	2019	16071 TOYOTA CAMRY (Hybrid)	2019	16071 TOYOTA CAMRY (Hybrid)	2019	16071 TOYOTA CAMRY (Hybrid)	2019
16080 TOYOTA CAMRY	2018	12345	2018	16080 TOYOTA CAMRY	2018	12345	2018	16080 TOYOTA CAMRY	2018	16080 TOYOTA CAMRY	2018	16080 TOYOTA CAMRY	2018
16090 TOYOTA CAMRY (RHD)	2017	12345	2017	16090 TOYOTA CAMRY (RHD)	2017	12345	2017	16090 TOYOTA CAMRY (RHD)	2017	16090 TOYOTA CAMRY (RHD)	2017	16090 TOYOTA CAMRY (RHD)	2017
16100 TOYOTA CAMRY	2015	12224	2015	16100 TOYOTA CAMRY	2015	12224	2015	16100 TOYOTA CAMRY	2015	16100 TOYOTA CAMRY	2015	16100 TOYOTA CAMRY	2015
16111 TOYOTA CAMRY (Keyless)	2015	12225	2015	16111 TOYOTA CAMRY (Keyless)	2015	12225	2015	16111 TOYOTA CAMRY (Keyless)	2015	16111 TOYOTA CAMRY (Keyless)	2015	16111 TOYOTA CAMRY (Keyless)	2015
16120 TOYOTA CAMRY	2012	12223	2012	16120 TOYOTA CAMRY	2012	12223	2012	16120 TOYOTA CAMRY	2012	16120 TOYOTA CAMRY	2012	16120 TOYOTA CAMRY	2012
16130 TOYOTA CAMRY	2007	12222	2007	16130 TOYOTA CAMRY	2007	12222	2007	16130 TOYOTA CAMRY	2007	16130 TOYOTA CAMRY	2007	16130 TOYOTA CAMRY	2007
16140 TOYOTA COROLLA (Hybrid)	2019	12933	2019	16140 TOYOTA COROLLA (Hybrid)	2019	12933	2019	16140 TOYOTA COROLLA (Hybrid)	2019	16140 TOYOTA COROLLA (Hybrid)	2019	16140 TOYOTA COROLLA (Hybrid)	2019
16150 TOYOTA COROLLA	2019	13541	2019	16150 TOYOTA COROLLA	2019	13541	2019	16150 TOYOTA COROLLA	2019	16150 TOYOTA COROLLA	2019	16150 TOYOTA COROLLA	2019





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CARS		Legend	
Model	Year	Program #	Start Date
1633	TOYOTA HIGHLANDER	11486	2017-09-01
1634	TOYOTA HIGHLANDER	11138	2017-09-01
1635	TOYOTA HIGHLANDER	11138	2017-09-01
1636	TOYOTA HILUX (VTH) (Keyless)	13592	2022-04-25
1637	TOYOTA HILUX (VTH) (ThailandMarket) (Automatic-transmission)	12621	2019-03-11
1638	TOYOTA HILUX (VTH) (ThailandMarket) (MT)	11716	2019-03-11
1639	TOYOTA HILUX (VTH) (Keyless)	12138	2022-04-25
1640	TOYOTA HILUX (VTH)	12371	2022-04-25
1641	TOYOTA HILUX (VTH) (Automatic-transmission)	12621	2019-03-11
1642	TOYOTA HILUX (VTH) (MT)	11716	2019-03-11
1643	TOYOTA INNOVA (RHD)	12513	2021-09-29
1644	TOYOTA INNOVA LUXURY (RHD)	12513	2021-09-29
1645	TOYOTA IQ	11138	2017-09-01
1646	TOYOTA LAND CRUISER 150 (PRADO) (Keyless)	13711	2022-04-25
1647	TOYOTA LAND CRUISER 150 (PRADO) (Keyless)	12165	2021-09-29
1648	TOYOTA LAND CRUISER 150 (PRADO) (Keyless) (UAE Market)	13312	2021-09-29
1649	TOYOTA LAND CRUISER 150 (PRADO)	12226	2021-09-29



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CARS		Legend	
Model	Year	Program #	From
<p>16501 TOYOTA LAND CRUISER 150 (PRADO)</p> <p>year: 2010-&gt; program # 12227 from 2021-09-29</p>			
<p>16511 TOYOTA LAND CRUISER 200 (V8)</p> <p>year: 2017-&gt; program # 11831 from 2022-04-25</p>			
<p>16521 TOYOTA LAND CRUISER 200 (4.5L V8 DIESEL)</p> <p>year: 2012-&gt; program # 12228 from 2021-09-29</p>			
<p>16531 TOYOTA LAND CRUISER 200 (4.6L V8 PETROL)</p> <p>year: 2012-&gt; program # 12481 from 2021-09-29</p>			
<p>16541 TOYOTA LAND CRUISER 200 (5.7L V8 PETROL)</p> <p>year: 2012-&gt; program # 12482 from 2021-09-29</p>			
<p>16551 TOYOTA LAND CRUISER 200 (4.0L V6 PETROL)</p> <p>year: 2012-&gt; program # 12483 from 2021-09-29</p>			
<p>16561 TOYOTA LAND CRUISER 200 (4.5L V8 DIESEL)</p> <p>year: 2008-&gt; program # 12221 from 2021-09-29</p>			
<p>16571 TOYOTA LAND CRUISER 200 (4.7L V8 PETROL)</p> <p>year: 2008-&gt; program # 12316 from 2021-09-29</p>			
<p>16581 TOYOTA LAND CRUISER 200 (5.7L V8 PETROL)</p> <p>year: 2008-&gt; program # 12478 from 2021-09-29</p>			
<p>16591 TOYOTA LAND CRUISER 200 (4.0L V6 PETROL)</p> <p>year: 2008-&gt; program # 12484 from 2021-09-29</p>			
<p>16601 TOYOTA LAND CRUISER 300</p> <p>year: 2022-&gt; program # 14199 from 2022-04-27</p>			
<p>16611 TOYOTA LIMO (RHID)</p> <p>year: 2013-&gt; program # 12534 from 2018-11-06</p>			
<p>16621 TOYOTA PRIUS (Hybrid)</p> <p>year: 2019-&gt; program # 13379 from 2022-05-16</p>			
<p>16631 TOYOTA PRIUS (Hybrid)</p> <p>year: 2015-&gt; program # 11814 from 2022-05-16</p>			
<p>16641 TOYOTA PRIUS PLUS (Hybrid)</p> <p>year: 2012-&gt; program # 12499 from 2020-01-30</p>			
<p>16651 TOYOTA PRIUS (Hybrid)</p> <p>year: 2009-&gt; program # 11138 from 2017-09-01</p>			
<p>16661 TOYOTA PRIUS C (Hybrid) (Keyless)</p> <p>year: 2018-&gt; program # 13413 from 2020-10-20</p>			









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Cars		Legend	
Model	Year	Program #	From
1718 VOLVO S80	2005	11124	2017-09-01
1719 VOLVO S80	2003	11134	2017-09-01
1720 VOLVO S80	2021	14211	2022-05-20
1721 VOLVO S90	2017	12414	2022-05-20
1722 VOLVO V40 CROSS COUNTRY	2015	11565	2017-09-01
1723 VOLVO V40 (CROSS COUNTRY) (Keyless)	2013	11414	2017-09-01
1724 VOLVO V40 CROSS COUNTRY	2013	11414	2017-09-01
1725 VOLVO V50	2005	11123	2017-09-01
1726 VOLVO V50	2004	11123	2017-09-01
1727 VOLVO V60	2019	13377	2022-05-20
1728 VOLVO V90	2011	11294	2017-09-01
1729 VOLVO V70	2008	11144	2017-09-01
1730 VOLVO V70	2005	11124	2017-09-01
1731 VOLVO V70	2003	11134	2017-09-01
1732 VOLVO V90	2021	14214	2022-05-20
1733 VOLVO V90	2017	11956	2022-05-20
1734 VOLVO XC40	2019	13434	2022-05-20

  

Model	Year	Program #	From
1718 VOLVO S80	2005	11124	2017-09-01
1719 VOLVO S80	2003	11134	2017-09-01
1720 VOLVO S80	2021	14211	2022-05-20
1721 VOLVO S90	2017	12414	2022-05-20
1722 VOLVO V40 CROSS COUNTRY	2015	11565	2017-09-01
1723 VOLVO V40 (CROSS COUNTRY) (Keyless)	2013	11414	2017-09-01
1724 VOLVO V40 CROSS COUNTRY	2013	11414	2017-09-01
1725 VOLVO V50	2005	11123	2017-09-01
1726 VOLVO V50	2004	11123	2017-09-01
1727 VOLVO V60	2019	13377	2022-05-20
1728 VOLVO V90	2011	11294	2017-09-01
1729 VOLVO V70	2008	11144	2017-09-01
1730 VOLVO V70	2005	11124	2017-09-01
1731 VOLVO V70	2003	11134	2017-09-01
1732 VOLVO V90	2021	14214	2022-05-20
1733 VOLVO V90	2017	11956	2022-05-20
1734 VOLVO XC40	2019	13434	2022-05-20

  

Model	Year	Program #	From
1718 VOLVO S80	2005	11124	2017-09-01
1719 VOLVO S80	2003	11134	2017-09-01
1720 VOLVO S80	2021	14211	2022-05-20
1721 VOLVO S90	2017	12414	2022-05-20
1722 VOLVO V40 CROSS COUNTRY	2015	11565	2017-09-01
1723 VOLVO V40 (CROSS COUNTRY) (Keyless)	2013	11414	2017-09-01
1724 VOLVO V40 CROSS COUNTRY	2013	11414	2017-09-01
1725 VOLVO V50	2005	11123	2017-09-01
1726 VOLVO V50	2004	11123	2017-09-01
1727 VOLVO V60	2019	13377	2022-05-20
1728 VOLVO V90	2011	11294	2017-09-01
1729 VOLVO V70	2008	11144	2017-09-01
1730 VOLVO V70	2005	11124	2017-09-01
1731 VOLVO V70	2003	11134	2017-09-01
1732 VOLVO V90	2021	14214	2022-05-20
1733 VOLVO V90	2017	11956	2022-05-20
1734 VOLVO XC40	2019	13434	2022-05-20



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Cars		Legend	
Year	Program	Year	Program
17353	VOLVO XC60	2021	13621
17360	VOLVO XC60	2018	13229
17373	VOLVO XC60	2014	11294
17380	VOLVO XC60	2012	11294
17390	VOLVO XC60	2010	11144
17400	VOLVO XC60	2008	11144
17411	VOLVO XC70	2014	11295
17420	VOLVO XC70	2013	11295
17430	VOLVO XC70	2008	11144
17441	VOLVO XC70	2005	11124
17450	VOLVO XC90	2021	13622
17460	VOLVO XC90	2018	12474
17471	VOLVO XC90	2016	11634
17480	VOLVO XC90	2012	11124
17490	VOLVO XC90	2005	11124
17500	VOLVO XC90	2003	11134
17510	VW ANAMOR (2H)	2017	12218



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CARS		Legend	
Model	Year	Program #	From
17521 VW AMAROK (2H)	year: 2010->	program % 14248	from 2022-06-14
17523 VW ARTEON (3H) (Start-button)	year: 2021->	program % 12369	from 2020-10-26
17541 VW ARTEON (3H) (Start-button)	year: 2017->	program % 12251	from 2020-10-27
17551 VW ATLAS (CA)	year: 2018->	program % 13247	from 2020-06-26
17560 VW BEETLE (1H)	year: 2016->	program % 11792	from 2017-09-01
17571 VW BEETLE (1C / 9C)	year: 2002->	program % 11166	from 2017-09-01
17581 VW BEETLE (1C / 9C)	year: 1998->	program % 11165	from 2017-09-01
17591 VW CADDY (SK) (Automatic-transmission)	year: 2021->	program % 13663	from 2021-11-16
17601 VW CADDY (SK) (Regular-key)	year: 2021->	program % 13664	from 2021-11-16
17611 VW CADDY (SK) (Start-button)	year: 2021->	program % 14315	from 2022-08-09
17621 VW CADDY (SK)	year: 2015->	program % 12978	from 2022-03-25
17631 VW CADDY (SK)	year: 2010->	program % 11173	from 2017-09-01
17641 VW CADDY (SK)	year: 2004->	program % 11111	from 2017-09-01
17651 VW CRAFTER (SY)	year: 2020->	program % 13366	from 2021-12-02
17661 VW CRAFTER (SY) (Regular-key)	year: 2017->	program % 12219	from 2021-12-02
17671 VW CRAFTER (SZ) (Regular-key)	year: 2016->	program % 11913	from 2021-12-02
17681 VW CRAFTER (ZF)	year: 2014->	program % 11164	from 2017-09-01





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Cars		Legend	
Model	Year	Program #	Start Date
17691 VW CRAFTER (2E)	year: 2006->	program # 11164	from 2017-09-01
17780 VW EOS (1T)	year: 2006->	program # 11111	from 2017-09-01
17711 VW GOLF 8 (CD) (Start-button)	year: 2020->	program # 13367	from 2021-11-16
17721 VW GOLF 7 (A3) (Regular-key)	year: 2019->	program # 13352	from 2022-09-01
17731 VW GOLF 7 (A3) (Start-button)	year: 2019->	program # 13389	from 2022-09-01
17741 VW GOLF 7 (A3) (Regular-key)	year: 2017->	program # 11927	from 2021-06-21
17751 VW GOLF 7 (A3) (Start-button)	year: 2017->	program # 13388	from 2021-06-21
17761 VW GOLF 7 (A3)	year: 2013->	program # 11448	from 2022-05-31
17771 VW GOLF 6 (1K)	year: 2008->	program # 11173	from 2017-09-01
17781 VW GOLF 5 (1K)	year: 2004->	program # 11111	from 2017-09-01
17791 VW GOLF 5 (1K)	year: 2004->	program # 11262	from 2017-09-01
17801 VW GOLF 4 (1J)	year: 2002->	program # 11111	from 2017-09-01
17811 VW GOLF 4 (1J)	year: 1998->	program # 11165	from 2017-09-01
17821 VW GOLF SPORTSVAN 7 (A3)	year: 2016->	program # 12424	from 2018-07-10
17831 VW GRAND CALIFORNIA (S7)	year: 2020->	program # 13385	from 2021-12-02
17841 VW JETTA (16)	year: 2012->	program # 11587	from 2017-09-01
17851 VW JETTA (A7) (Mexico/Market)	year: 2015->	program # 11661	from 2019-02-25



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Model	Year	Program	From	To	DTC 1	DTC 2	DTC 3	DTC 4	DTC 5	DTC 6	DTC 7	DTC 8	DTC 9	DTC 10	DTC 11	DTC 12	DTC 13	DTC 14	DTC 15	DTC 16	DTC 17	DTC 18	DTC 19	DTC 20	
1786 VW JETTA (1K)	2018->	11173	2017-09-01																						
1787 VW JETTA (1K)	2005->	11111	2017-09-01																						
1788 VW PASSAT B8 (CC) (Start-button)	2019->	13113	2020-10-26																						
1789 VW PASSAT B8 (CC) (Regular-key)	2019->	13417	2020-12-15																						
1790 VW PASSAT B8 (CC) (Start-button)	2017->	11926	2020-10-26																						
1791 VW PASSAT B8 (CC) (Start-button)	2015->	11673	2020-10-26																						
1792 VW PASSAT B7 (CC)	2011->	11173	2017-09-01																						
1793 VW PASSAT B7 (CC) ECOTECH	2011->	11882	2017-09-01																						
1794 VW PASSAT B6 (CC)	2005->	11111	2017-09-01																						
1795 VW PASSAT B5 (CB)	2001->	11111	2017-09-01																						
1796 VW PASSAT B5 (CB)	1998->	11165	2017-09-01																						
1797 VW PASSAT CC (CC)	2012->	11173	2017-09-01																						
1798 VW PASSAT CC (CC)	2009->	11111	2017-09-01																						
1799 VW PHAETON (3B)	2001->	11122	2017-09-01																						
1800 VW POLO (AW) (Regular-key)	2022->	14225	2022-07-19																						
1801 VW POLO (CK) (Sedan) (RussiaMarket)	2021->	13466	2021-01-15																						
1802 VW POLO (AW) (Regular-key)	2018->	12265	2020-10-22																						



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Cars		Legend	
Model	Year	Program #	From
1803 VW POLO (AW) (Start-button)	year: 2018=>	program № 13416	from 2020-10-26
1804 VW POLO (6R)	year: 2014=>	program № 11794	from 2017-09-01
1805 VW POLO (61) (Sedan)	year: 2011=>	program № 11262	from 2017-09-01
1806 VW POLO (6R)	year: 2009=>	program № 11176	from 2017-09-01
1807 VW POLO (6N)	year: 2005=>	program № 11161	from 2017-09-01
1808 VW SCIROCCO (13)	year: 2010=>	program № 11173	from 2017-09-01
1809 VW SCIROCCO (13)	year: 2008=>	program № 11111	from 2017-09-01
1810 VW SHARAN (7N)	year: 2010=>	program № 11173	from 2017-09-01
1811 VW T-CROSS (C1) (Regular-key)	year: 2019=>	program № 13111	from 2021-06-02
1812 VW T-CROSS (C1) (Start-button)	year: 2019=>	program № 13627	from 2021-06-02
1813 VW T-CROSS (C1) (Start-button) (Optional connection)	year: 2019=>	program № 13627	from 2021-06-02
1814 VW T-CROSS (C1) (Regular-key) (Optional connection)	year: 2019=>	program № 13111	from 2021-06-02
1815 VW T-ROC (A1) (Start-button)	year: 2022=>	program № 14278	from 2022-07-20
1816 VW T-ROC (A1) (Regular-key)	year: 2017=>	program № 12252	from 2021-07-01
1817 VW T-ROC (A1) (Start-button)	year: 2017=>	program № 13414	from 2021-07-01
1818 VW T5 (7H)	year: 2003=>	program № 11164	from 2017-09-01
1819 VW T5 CARAVELLE (7H)	year: 2010=>	program № 11176	from 2017-09-01



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Cars		Legend	
Model	Year	Program #	From
18200 VW T5 CARAVELLE (7H)	2003->	11161	2017-09-01
18211 VW T5 GP (7H)	2010->	11176	2017-09-01
18223 VW T5 MULTIVAN (7H)	2010->	11176	2017-09-01
18223 VW T5 MULTIVAN (7H)	2003->	11161	2017-09-01
18240 VW T5 TRANSPORTER (7H)	2010->	11176	2017-09-01
18250 VW T5 TRANSPORTER (7H)	2003->	11161	2017-09-01
18260 VW T6 CARAVELLE (7H)	2016->	11697	2017-09-01
18271 VW T6 TRANSPORTER (7H)	2016->	11697	2017-09-01
18280 VW T6 I CARAVELLE (7H)	2020->	12977	2022-05-19
18290 VW T6 I TRANSPORTER (7H)	2020->	13384	2022-05-19
18300 VW TAIAGO (CS) (Start-button)	2022->	14242	2022-05-31
18311 VW TAIAGO (CS) (Regular-key)	2022->	14279	2022-07-25
18320 VW TERAMONT (CA)	2017->	12284	2018-04-17
18330 VW TIGUAN (5N) (Start-button)	2020->	13358	2020-10-26
18340 VW TIGUAN (5N) (Start-button)	2018->	13382	2020-10-26
18350 VW TIGUAN ALLSPACE (5N) (Start-button)	2017->	12263	2020-10-26
18360 VW TIGUAN (5N) (Start-button)	2016->	13383	2020-10-26



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Function	18371 VW TIGUAN (5N) (Regular-key)	18320 VW TIGUAN (5N)	18330 VW TIGUAN (5N)	18400 VW TIGUAN (5N)	18411 VW TOCAREG (6R)	18423 VW TOCAREG (7P)	18433 VW TOCAREG (7L)	18440 VW TOURAN (1T)	18453 VW TOURAN (1T)	18460 VW TOURAN (1T) ECOFUEL	18473 VW TOURAN (1T)	18480 VW UP (AA)	18490 VW UP (AA)
Ignition	+	+	+	+	+	+	+	+	+	+	+	+	+
Key fob remote lock	+	+	+	+	+	+	+	+	+	+	+	+	+
Key fob remote unlock	+	+	+	+	+	+	+	+	+	+	+	+	+
Engine is working on CAN	+	+	+	+	+	+	+	+	+	+	+	+	+
Handbrake	+	+	+	+	+	+	+	+	+	+	+	+	+
Reverse	+	+	+	+	+	+	+	+	+	+	+	+	+
Status of the hazard warning lights switch	+	+	+	+	+	+	+	+	+	+	+	+	+
Front left door	+	+	+	+	+	+	+	+	+	+	+	+	+
Front right door	+	+	+	+	+	+	+	+	+	+	+	+	+
Rear left door	+	+	+	+	+	+	+	+	+	+	+	+	+
Rear right door	+	+	+	+	+	+	+	+	+	+	+	+	+
Trunk cover	+	+	+	+	+	+	+	+	+	+	+	+	+
Trunk cover (load)	+	+	+	+	+	+	+	+	+	+	+	+	+
Charging cable connected	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery charging	+	+	+	+	+	+	+	+	+	+	+	+	+
Electric engine working	+	+	+	+	+	+	+	+	+	+	+	+	+
Car has been closed using original remote or module command	+	+	+	+	+	+	+	+	+	+	+	+	+
Central locking status	+	+	+	+	+	+	+	+	+	+	+	+	+
History alarm	+	+	+	+	+	+	+	+	+	+	+	+	+
Immobilised alarm	+	+	+	+	+	+	+	+	+	+	+	+	+
Original remote - OPEN	+	+	+	+	+	+	+	+	+	+	+	+	+
Original remote - CLOSE	+	+	+	+	+	+	+	+	+	+	+	+	+
Original remote of the car - Resuming at the car - Open trunk	+	+	+	+	+	+	+	+	+	+	+	+	+
Original remote of the car - Open trunk	+	+	+	+	+	+	+	+	+	+	+	+	+
Reverse	+	+	+	+	+	+	+	+	+	+	+	+	+
Neutral	+	+	+	+	+	+	+	+	+	+	+	+	+
Drive	+	+	+	+	+	+	+	+	+	+	+	+	+
Engine is working on LPC	+	+	+	+	+	+	+	+	+	+	+	+	+
Braking lights	+	+	+	+	+	+	+	+	+	+	+	+	+
Blurred headlights	+	+	+	+	+	+	+	+	+	+	+	+	+
Full beam headlights	+	+	+	+	+	+	+	+	+	+	+	+	+
Rear fog lights	+	+	+	+	+	+	+	+	+	+	+	+	+
Front fog lights	+	+	+	+	+	+	+	+	+	+	+	+	+
Low fuel warning	+	+	+	+	+	+	+	+	+	+	+	+	+
Low oil pressure	+	+	+	+	+	+	+	+	+	+	+	+	+
Low battery level	+	+	+	+	+	+	+	+	+	+	+	+	+
Total mileage of this vehicle (in allboard)	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle mileage - (counted)	+	+	+	+	+	+	+	+	+	+	+	+	+
Total fuel consumption	+	+	+	+	+	+	+	+	+	+	+	+	+
Total fuel consumption - (counted)	+	+	+	+	+	+	+	+	+	+	+	+	+
Fuel level (in percent)	+	+	+	+	+	+	+	+	+	+	+	+	+
Fuel level (in liters)	+	+	+	+	+	+	+	+	+	+	+	+	+
Engine speed (RPM)	+	+	+	+	+	+	+	+	+	+	+	+	+
Engine temperature	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle speed	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle speed (average)	+	+	+	+	+	+	+	+	+	+	+	+	+
Lat/lon (in Hex8)	+	+	+	+	+	+	+	+	+	+	+	+	+
Acceleration pedal position	+	+	+	+	+	+	+	+	+	+	+	+	+
VIN number	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery level	+	+	+	+	+	+	+	+	+	+	+	+	+
Total CAN use	+	+	+	+	+	+	+	+	+	+	+	+	+
Total CAN consumption	+	+	+	+	+	+	+	+	+	+	+	+	+
CAN level (in percent)	+	+	+	+	+	+	+	+	+	+	+	+	+
CAN level (in kilograms)	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle range	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle's range on EV battery	+	+	+	+	+	+	+	+	+	+	+	+	+
Vehicle's range on EV battery (at the end of the EV battery charge)	+	+	+	+	+	+	+	+	+	+	+	+	+
CAN level (in bars)	+	+	+	+	+	+	+	+	+	+	+	+	+
Total CAN use	+	+	+	+	+	+	+	+	+	+	+	+	+
Total CAN use - (count 0)	+	+	+	+	+	+	+	+	+	+	+	+	+
LNG level (in percent)	+	+	+	+	+	+	+	+	+	+	+	+	+
LNG level (in kilograms)	+	+	+	+	+	+	+	+	+	+	+	+	+
Fuel compartment temperature	+	+	+	+	+	+	+	+	+	+	+	+	+
Active year number	+	+	+	+	+	+	+	+	+	+	+	+	+
Rated sign speed limit	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery pack voltage	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery pack temperature	+	+	+	+	+	+	+	+	+	+	+	+	+
Maximum EV battery cell voltage	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC ECU	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC ECU	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC ABS	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC ABS	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC SRS	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC SRS	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC TCM	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC TCM	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC BCM	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC BCM	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC ESP	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC ESP	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC engine	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC engine	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC W/BATTERY	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC W/BATTERY	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC IV/BATTERY	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC IV/BATTERY	+	+	+	+	+	+	+	+	+	+	+	+	+
Reading DTC IV/DRIVE SYSTEM	+	+	+	+	+	+	+	+	+	+	+	+	+
Erasing DTC IV/DRIVE SYSTEM	+	+	+	+	+	+	+	+	+	+	+	+	+
Alternative control of central locking	+	+	+	+	+	+	+	+	+	+	+	+	+
All doors lock	+	+	+	+	+	+	+	+	+	+	+	+	+
All doors unlock	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery status (charge, temperature, etc.)	+	+	+	+	+	+	+	+	+	+	+	+	+
EV battery status (charge, temperature, etc.) (streaming)	+	+	+	+	+	+	+	+	+	+	+	+	+
Center lock when parking	+	+	+	+	+	+	+	+	+	+	+	+	+
Alternative turn signal control	+	+	+	+	+	+	+	+	+	+	+	+	+
Turn signal control	+	+	+	+	+	+	+	+	+	+	+	+	+
History control	+	+	+	+	+	+	+	+	+	+	+	+	+
Control closure	+	+	+	+	+	+	+	+	+	+	+	+	+
Speed limit with value	+	+	+	+	+	+	+	+	+	+	+	+	+
Exceeding the speed specified by the sign - Speed limit with value	+	+	+	+	+	+	+	+	+	+	+	+	+

+ The function is available depending vehicle's equipment.  
+ This parameter may be available using P200 or CAN4 extended bus reader.  
+ Alternative control

### [en]=> P/N 225238xx (CAN-Control DTC)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1) AUDI A6 (E6) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
2) AUDI A3 (e-tron) (BY) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3) AUDI A6 (F2) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4) AUDI A8 (F8) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
5) AUDI E-TRON (GE) (Sportback) (Electric)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
6) AUDI E-TRON (GE) (Electric)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
7) AUDI Q3 (F3) (Sportback) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8) AUDI Q5 (F5) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
9) BMW 3 (G20 / G21) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
10) BMW 3 (G20 / G21) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
11) BMW 5 (G30) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
12) BMW 5 (G30) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
13) BMW 7 (G11) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
14) BMW i3 (001) (Electric)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
15) BMW i3 (001) (Electric)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16) BMW i4 (G26) (Electric)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
17) BMW i8 (012) (Hybrid) (Plug-in)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+



[en] => P/N 225238xx (CAN-Control DTC)

Electric cars		Legend	
Model	Year	Program #	From
18) BMW iX (i20) (Electric)	year: 2022=>	program # 14179	from 2022-11-17
19) BMW X3 (G80) (Electric)	year: 2021=>	program # 13799	from 2021-09-10
20) BMW X1 (F48) (Hybrid) (Plug-In)	year: 2020=>	program # 14136	from 2022-02-22
21) BMW X3 (G81) (Hybrid) (Plug-In)	year: 2022=>	program # 14311	from 2022-07-25
22) BMW X5 (F15) (Hybrid) (Plug-In)	year: 2016=>	program # 12852	from 2020-11-19
23) CAMSSYS CEVO-C (Electric)	year: 2020=>	program # 13396	from 2021-03-01
24) CHEVROLET BOLT (Electric)	year: 2017=>	program # 14148	from 2022-03-16
25) CHEVROLET VOLT (I) (Hybrid) (Plug-In)	year: 2011=>	program # 11859	from 2017-09-01
26) CHRYSLER PACIFICA (RE) (Hybrid) (Plug-In)	year: 2017=>	program # 13244	from 2020-06-23
27) CITROEN C5 AIRCROSS (Hybrid) (Plug-In)	year: 2019=>	program # 13625	from 2021-03-26
28) CITROEN C5 X (Hybrid) (Plug-In)	year: 2022=>	program # 14129	from 2022-06-31
29) CITROEN e-C4 (Electric)	year: 2021=>	program # 13589	from 2021-03-23
30) CUPRA BORN (K1) (Electric)	year: 2022=>	program # 14324	from 2022-08-22
31) DACIA SPRING (Electric)	year: 2022=>	program # 13716	from 2021-07-01
32) DONGFENG SERIES 3 (Electric)	year: 2020=>	program # 13686	from 2021-05-13
33) ESTREMA BIRO (Electric)	year: 2021=>	program # 14172	from 2022-03-31
34) FIAT 500E (332) (Electric)	year: 2021=>	program # 13824	from 2021-09-14









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Model	Year	Program	From
69) MERCEDES A (177) (Hybrid) (Plug-In)	2018->	13641	2022-08-24
70) MERCEDES E-SPRINTER (910) (Electric)	2021->	14326	2022-11-28
71) MERCEDES EQA (243) (Electric)	2022->	13633	2022-03-14
72) MERCEDES EQB (243) (Electric)	2022->	14215	2022-06-06
73) MERCEDES EQC (253) (Electric)	2019->	12935	2022-11-28
74) MERCEDES EQS (297) (Electric)	2022->	14369	2022-11-28
75) MERCEDES EQV (447) (Electric)	2020->	13597	2021-04-01
76) MERCEDES EQV (447) (Electric)	2019->	13798	2021-09-08
77) MERCEDES GLC (253) (Hybrid) (Plug-In)	2020->	13655	2022-08-24
78) MERCEDES GLE (167) (Hybrid) (Plug-In)	2020->	14345	2022-08-24
79) MINI COOPER SE (F56) (Electric)	2022->	13961	2021-12-14
80) MINI COUNTRYMAN SE (F60) (Hybrid) (Plug-In)	2017->	13253	2021-07-21
81) MITSUBISHI ECLIPSE CROSS (Hybrid) (Plug-In) (Keyless)	2021->	14321	2022-07-26
82) MITSUBISHI L200 (Electric)	2013->	11914	2017-09-01
83) MITSUBISHI L200 (Electric)	2009->	11783	2017-09-01
84) MITSUBISHI OUTLANDER (Hybrid) (Plug-In) (Keyless)	2019->	13532	2021-02-10
85) NISSAN ARIYA (Electric)	2022->	14365	2022-11-17

[en] => P/N 225238xx (CAN-Control DTC)

Electric cars		Legend	
Model	Year	Program	From
86) NISSAN e-NV200 (Electric)	year: 2018=>	program № 12983	from 2022-11-14
87) NISSAN LEAF (ZE1) (Electric)	year: 2018=>	program № 12346	from 2022-11-14
88) NISSAN LEAF (ZE0) (Electric)	year: 2016=>	program № 12112	from 2022-11-14
89) NISSAN LEAF (CP6) (Electric)	year: 2018=>	program № 11665	from 2022-11-14
90) OPEL CORSA-e F (Electric)	year: 2020=>	program № 13296	from 2020-09-03
91) OPEL GRANDLAND X (Hybrid) (Plug-in)	year: 2020=>	program № 13576	from 2021-02-26
92) PEUGEOT 3008 (Hybrid) (Plug-in)	year: 2020=>	program № 13127	from 2020-03-19
93) PEUGEOT e-2008 (GT) (Electric)	year: 2020=>	program № 13327	from 2022-09-02
94) PEUGEOT e-2008 (Electric)	year: 2020=>	program № 14356	from 2022-09-02
95) PEUGEOT e-208 (Electric) (Keyless)	year: 2019=>	program № 13129	from 2022-09-02
96) POLSTAR 2 (Electric)	year: 2020=>	program № 14173	from 2022-05-20
97) PORSCHE CAYENNE (9Y) (Hybrid) (Plug-in)	year: 2019=>	program № 13751	from 2022-05-31
98) PORSCHE CAYENNE (92A) (Hybrid) (Plug-in)	year: 2015=>	program № 13632	from 2021-11-16
99) PORSCHE PANAMERA (9Y1) (Hybrid) (Plug-in)	year: 2017=>	program № 13776	from 2022-05-31
100) PORSCHE TAYCAN (Y1) (Electric)	year: 2020=>	program № 13821	from 2022-11-16
101) RENAULT CAPTUR II (Hybrid) (Plug-in) (Keyless)	year: 2020=>	program № 13444	from 2022-10-07
102) RENAULT KANGOO Z.E. (Electric)	year: 2019=>	program № 12679	from 2019-06-04





[en]==> P/N 225238xx (CAN-Control DTC)

Electric cars	
Ignition	[key]
Key inserted	[key]
Key removed	[key]
Engine is working on CNG	[key]
Handbrake	[key]
Front LHS door	[key]
Front right door	[key]
Rear left door	[key]
Rear right door	[key]
Trunk cover	[key]
Trunk cover (lock)	[key]
Electric cable connected	[key]
EV battery charging	[key]
Electric engine working	[key]
Car has been closed using original remote or mobile command	[key]
History alarm	[key]
Emergency alarm	[key]
Original remote - CLOSE	[key]
Original remote - OPEN	[key]
The original remote of the car - Resuming	[key]
The original remote of the car - Open trunk	[key]
Reverse	[key]
Neutral	[key]
Drive	[key]
Engine is working on LPG	[key]
Blinking lights	[key]
Blurred headlights	[key]
Full beam headlights	[key]
Rear fog lights	[key]
Front fog lights	[key]
Left mirror lock	[key]
Right mirror lock	[key]
Let's roll! lock	[key]
Total mileage of this vehicle (odometer)	[key]
Vehicle mileage - (counter)	[key]
Total fuel consumption	[key]
Total fuel consumption - (consumed)	[key]
Fuel level (in percent)	[key]
Fuel level (in liters)	[key]
Engine speed (RPM)	[key]
Engine temperature	[key]
Air speed	[key]
Air pressure	[key]
Left turn (in liters)	[key]
Right turn (in liters)	[key]
Acceleration pedal position	[key]
VIN number	[key]
EV battery level	[key]
Total CNG use	[key]
Total CNG consumption	[key]
CNG level (in percent)	[key]
CNG level (in kilograms)	[key]
Vehicle range	[key]
Vehicle's range on EV battery	[key]
Vehicle's range on CNG	[key]
Time to the end of the EV battery charge	[key]
CNG level (in bars)	[key]
Total CNG use	[key]
Total CNG use - (counter)	[key]
CNG level (in percent)	[key]
CNG level (in kilograms)	[key]
Fuel compartment temperature	[key]
Active year number	[key]
Rated speed limit	[key]
EV battery pack voltage	[key]
EV battery pack current	[key]
Maximum EV battery cell voltage	[key]
Minimum EV battery cell voltage	[key]
Reading DTC ECM	[key]
Erasing DTC ECM	[key]
Reading DTC ABS	[key]
Erasing DTC ABS	[key]
Reading DTC SRS	[key]
Erasing DTC SRS	[key]
Reading DTC TCM	[key]
Erasing DTC TCM	[key]
Reading DTC BCM	[key]
Erasing DTC BCM	[key]
Reading DTC ESP	[key]
Erasing DTC ESP	[key]
Reading DTC ESC	[key]
Erasing DTC ESC	[key]
Reading DTC W/BATTERY	[key]
Erasing DTC W/BATTERY	[key]
Reading DTC IV/BATTERY	[key]
Erasing DTC IV/BATTERY	[key]
Reading DTC IV/BIRD SYSTEM	[key]
Erasing DTC IV/BIRD SYSTEM	[key]
Alternative control of central locking	[key]
All doors lock	[key]
All doors unlock	[key]
Power windows control (central locking)	[key]
Power windows control (central locking)	[key]
Center lock when talks on	[key]
Alternative turn signal control	[key]
Turn signal control	[key]
History control	[key]
Control closure	[key]
Speed limit with value	[key]
Exceeding the speed specified by the sign - Speed limit with value	[key]

137 XEY YOYO (Electric) year: 2020=> program № 14331 from 2022-06-23

138 ZHDUD D1 (Electric) (BETA) year: 2015=> program № 13395 from prehistory

139 ZHDUD D2 (Electric) year: 2016=> program № 13315 from 2022-04-04

140 ZHDUD D2S (Electric) year: 2018=> program № 12016 from 2022-04-04

• The function is available depending vehicle's equipment  
• This parameter may be accessible using P400 or C900 connection reader  
• Alternative control