

The Memo-Scanner for Mercedes Benz is a newly developed, specially designed product for Do-it-Yourself car owners. Though it is small, it performs the same functions as more costly diagnostic tools. With an Memo Scanner, you can quickly find and clear trouble codes from the vehicles On-Board-Computer and Automatic Transmission. Easily check the trouble codes diagnoses by looking it up in the included manual.

It is compatible with Mercedes Benz all S-CLASS and E-CLASS, except 38-pin socket

FUNCTIONS

- ① Reading trouble codes: press the "read" button. The Memo Scanner will read all codes one by one.
- ② Clearing trouble codes: press the "clear" button.

OPERATION

- ① Start the engine then plug the Memo Scanner into the 16-pin socket usually located under the instrument panel in the car.
- ② It will display the brand name "UIF" twice. Press the "READ" button. It will display "01", "02", "03" then the trouble codes 3 times. If there are no trouble codes, it will display "----". If the vehicles protocol is not compatible, it will display "ERR".
- ③ If you choose, press the "ERASE" button. It will clear the trouble codes.

DIMENSIONS

10cm×5cm×3cm. Extension Cable length = 80 cm

0100	Hot film mass air flow sensor (B41)
0105	Pressure sensor (B28)
0110	Intake air temperature sensor (in hot film mass air flow sensor B41)
0115	Coolant temperature sensor (B60)
0120	Actual value potentiometer actuator
0130	G3/4 (O2-CAT front right)
0133	G3/4 (O2-CAT front right) aging
0135	O2 sensor heater upstream TWC (R22)
0136	O2 sensor downstream TWC (G3/1)
0140	O2 sensor downstream TWC (G3/1)
0141	O2 sensor heater downstream TWC (G3/1)
0150	G3/3 (O2-CAT front left detector towards left,before CAT)
0153	G3/3 (O2-CAT front left detector towards left,before CAT) aging
0155	Left O2 sensor heater upstream TWC (G3/3)
0156	Left O2 sensor downstream TWC (G3/5)
0160	O2 sensor downstream TWC Left aging
0161	Left O2 sensor heater downstream TWC
0170	Right cylinder mixture adaptation reaches limit value
0173	Left cylinder mixture adaptation reaches limit value
0201	Injection valve Cyl.1 (Y16)
0202	Injection valve Cyl.2 (Y17)
0203	Injection valve Cyl.3 (Y18)
0204	Injection valve Cyl.4 (Y19)
0205	Injection valve Cyl.5 (Y62y5)
0206	Injection valve Cyl.6 (Y62y6)
0207	Injection valve Cyl.7 (Y62y7)
0208	Injection valve Cyl.8 (Y62y8)
0243	Air flap switchover actuator for compressor M16/7
0300	Misfiring damages TWC
0301	Misfiring damages TWC Cyl.1
0302	Misfiring damages TWC Cyl.2
0303	Misfiring damages TWC Cyl.3
0304	Misfiring damages TWC Cyl.4
0305	Misfiring damages TWC Cyl.5
0306	Misfiring damages TWC Cyl.6
0307	Misfiring damages TWC Cyl.7
0308	Misfiring damages TWC Cyl.8
0325	Knock sensor
0330	Knock sensor left
0335	Crankshaft position sensor (B73)
0341	Camshaft Halleffect sensor (B48)
0370	Variation in angle of camshaft to crankshaft
0400	Exhaust gas recirculation malfunction Function chain
0410	Secondary air injection malfunction function chain
0422	Catalyst efficiency too low
0432	Catalyst efficiency too low,left
0440	Purge system leak (function chain)
0441	Purging not operating

0442	Purge system slight leak
0443	Purge control valve (Y1)
0446	Y58/4 (cut-off valve canister)
0450	B4/3 (fuel tank pressure sensor)
0455	Purge system major leak, fuel tank pressure sensor voltage supply
0460	Fuel gauge sensor A37
0500	Vehicle speed signal
0507	Idle speed control implausible
0520	Oil pressure sensor circuit malfunction
0560	Voltage control module (A61)
0565	Cruise control switch (S123)
0600	CAN of ESP
0604	Control module (A61)
0605	Control module (A61)
0606	Control module (A61)
0700	Read ETC fault memory
0701	Read ETC fault memory
0702	Read ETC fault memory
0703	Read ETC fault memory
0704	Read ETC fault memory
0705	Read ETC fault memory
0706	Read ETC fault memory
0707	Read ETC fault memory
0708	Read ETC fault memory
0709	Read ETC fault memory
0710	Read ETC fault memory
0711	Read ETC fault memory
0712	Read ETC fault memory
0713	Read ETC fault memory
0714	Read ETC fault memory
0715	Read ETC fault memory
0716	Read ETC fault memory
0717	Read ETC fault memory
0718	Read ETC fault memory
0719	Read ETC fault memory
0720	Read ETC fault memory
0721	Read ETC fault memory
0722	Read ETC fault memory
0723	Read ETC fault memory
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0733	Read ETC fault memory
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0740	Read ETC fault memory
0741	Read ETC fault memory
0742	Read ETC fault memory
0743	Read ETC fault memory
0744	Read ETC fault memory
0745	Read ETC fault memory
0746	Read ETC fault memory
0747	Read ETC fault memory
0748	Read ETC fault memory
0749	Read ETC fault memory
0750	Read ETC fault memory
0751	Read ETC fault memory
0752	Read ETC fault memory
0753	Read ETC fault memory
0754	Read ETC fault memory
0755	Read ETC fault memory
0756	Read ETC fault memory
0757	Read ETC fault memory
0758	Read ETC fault memory
0759	Read ETC fault memory
0760	Read ETC fault memory
0761	Read ETC fault memory
0762	Read ETC fault memory
0763	Read ETC fault memory
0801	Electric induction fan Engine/Air conditioning (M34)
0803	Air flap switchover actuator
0804	Oil sensor: engine oil temperature implausible (B10)
0805	Recirculated air flap signal output stage
0806	Compressor output stage magnetic coupling
0807	Exhaust flap (not relevant if not fitted)
0809	Variation in angle of camshaft to crankshaft
0811	CAN of EIS
0816	Oil pressure sensor circuit malfunction
1031	Component G3/3 (O2-in CAT front left detector) and G3/4 (O2-in CAT front right detector) exchange
1032	O2 sensors upstream TWC mixed up G3/3,G3/4
1163	Oil sensor:engine oil level implausible (B10)
1176	Oil pressure sensor malfunction (B10)
1177	Oil sensor:engine oil temperature implausible (B10)
1178	Oil sensor:engine oil level implausible (B10)
1179	Oil sensor:engine oil quality implausible (B10)

1180	Oil sensor:engine oil temperature too high (B10)
1181	Electric induction fan Engine/AC malfunction (M34)
1183	Malfunction right cylinder shut-off output stage
1184	Malfunction left cylinder shut-off output stage
1185	Oil sensor:water in engine oil (B10)
1186	Safety fuel shut-off
1225	Resonance intake manifold switchover valve (Y77)
1233	Throttle valve actuator jamming (iced up) M16/6
1235	Recirculated air flap signal output stage
1236	Compressor output stage magnetic coupling
1355	Component Y80 (valve OFF,right cylinder) can not be off while cylinder is cut-off (OFF)
1356	Component Y81 (valve OFF,left cylinder) can not be off while cylinder is cut-off (OFF)
1357	Cylinder cut-off (function link):cylinder intake valve still works when cylinder is cut-off (ON)
1358	Cylinder 5 exhaust valve can not work when cylinder is cut-off (OFF)(function link)
1359	Cylinder 2 exhaust valve can not work when cylinder is cut-off (OFF)(function link)
1360	Cylinder 3 exhaust valve can not work when cylinder is cut-off (OFF)(function link)
1361	Cylinder 8 exhaust valve can not work when cylinder is cut-off (OFF)(function link)
1366	Y93 (switch-over valve exhaust valve)
1380	Cylinder intake valve can not work when cylinder is cut-off (OFF)
1386	Knock sensor system control module control stop (A61)
1400	Exhaust gas recirculation output stage (Y12)
1420	Air pump switchover valve (Y32)
1453	Air pump relay (K17),relay module K76,fuse and relay module K40/4
1491	Refrigerant pressure in A/C system too high
1492	Exhaust flap (not relevant if not fitted)
1493	Exhaust flap output stage (not relevant if not fitted)
1519	Camshaft timing function chain
1525	Camshaft timing actuator (Y89)
1542	Pedal value sensor (B71)
1550	Air compressor torque error
1551	AC compressor shut-off output stage
1570	Fault in DAS to engine control module (A61)
1580	Actuator (M33)
1584	Stop lamp switch
1603	CAN of EIS
1604	CAN link to AAC
1605	CAN acceleration info for poor road recognition from ABS speed sensor
1642	Engine control module Incorrect coding MT coded has AT
1643	Engine control module Incorrect coding AT coded has MT,fault in CAN of ETC
1644	Transmission control module Undervoltage Transmission version cannot be checked
1647	Control equipment KIW CAN-signal error.
1666	Right or left cylinder (Y80,Y81) 'cylinder cut-off' valve can not be turned on when cylinder is cut-off.
1681	Crash-Signal unplausibel
1747	Control equipment EGS CAN-signal error.
2003	Right cylinder bank intake error (work link)(P0410)
2004	B2/5 (HFM sensor)(P0100)
2005	B11/4 (refrigerant temperature sensor)(P0115)

2006	B2/5b1 (intake temperature sensor)(P0110)
2007	B28 (pressure sensor)(P0105)
2008	Component G3/9 (right O2 sensor,before CAT,CYL 1-3) heating (P0135)
2009	Component G3/13 (right O2 sensor,after CAT,CYL 1-3)(P0141)
200B	Cylinder 1-3 CAT too weak.(P0422)
200C	G3/9 (right O2 sensor,before CAT,CYL 1-3) aging,calibration program jump over
200D	G3/9 (right O2 sensor,before CAT,CYL 1-3) aging,used too long (P0133)
200E	G3/13 (right O2 sensor,after CAT,CYL 1-3) no special status variation
200F	G3/9 (right O2 sensor,before CAT,CYL 1-3),too small voltage up (P0130)
2010	G3/13 (right O2 sensor,after CAT,CYL 1-3),electrical malfunction (P0136)
2012	Y58/4 (canister lock valve)(work link)(P0446)
2013	EGR system severe leaks (P0455)
2014	EGR system slight leaks (P0442)
2015	EGR system leaks (work link)(P0440)
2016	cylinder 1-3 mixture self regulation reach limit (part load)(P0170)
2017	cylinder 1-3 mixture self regulation reach limit (idle)(P0170)
2018	cylinder 1-3 mixture self regulation reach limit (between idle and part load)
2019	power restricted by high refrigerant temperature
201A	B6/3 (camshaft Hall sensor,right cylinder bank)(P0341)
201B	component N3/10 (ME controller) supply voltage (P0560)
201C	B4/3 (fuel tank pressure sensor),electrical malfunction (P0450)
201D	Y62y1 (cylinder 1 injector)(P0201)
201E	Y62y5 (cylinder 1 injector)(P0205)
201F	Y62y3 (cylinder 5 injector)(P0203)
2020	Y62y6 (cylinder 5 injector)(P0206)
2021	Y62y2 (cylinder 5 injector)(P0202)
2022	Y62y4 (cylinder 5 injector)(P0204)
2023	K40/7kN (air pump relay)(P0410)
2024	Y32/2 (air pump switch-over valve,right cylinder bank)(P0412)
2025	Y58/4 (canister closedown valve)(P0446)
2026	Y58/1 (EGR switch-over valve)(P0443)
2028	Y49/2 (camshaft adjusting valve,right cylinder bank)(P0340)
2029	Right cylinder bank camshaft adjustment (work link)(P0340)
202A	Left cylinder bank camshaft adjustment (work link)(P0340)
202B	Idle regulation error (P0507)
202C	Refrigerant temperature regulator (P0115)
202D	B11/4 (refrigerant temperature sensor),reliability (P0115)
202E	M16/6 (throttle valve regulator)(P0120)
202F	No signal or error signal from N51/2 (ABC controller) controller BUS (P0600)
2030	No signal or error signal from N15/5 (electronic shift lever mode controller) controller BUS (P0600)
2031	No signal or error signal from N15/5 (electronic shift lever mode controller) controller BUS (P0600)
2032	M16/6r1 (throttle valve practical potentiometer)(P0120)
2033	S40/4 (TPM touch switch with variable speed limit)
2034	L5 (crankshaft position sensor)(P0335)
2036	No signal or error signal from N47-5 (ESP controller) controller BUS (P0600)
2037	No signal or error signal from N15/3 (EGS controller) controller BUS (P0600)

2039	Component B40 (oil condition,temperature and quality):oil condition error
203A	Insufficient fuel (P0460)
203B	Electronic acelerograph action inspection component malfunction (P0221)
203C	Priority 1 error:electronic acelerograph action inspection component malfunction (P0221)
203D	Rotate angle error between right cylinder bank camshaft and crankshaft (P0370)
203E	BUS signal error from combination instrument (P0600)
2040	Component B40 (engine oil sensor (engine oil condition,temperature and quality)):oil quality error
2041	Component B40 (engine oil sensor (engine oil condition,temperature and quality)):water in engine oil
2042	Fuel safety cut-off unit recognized
2043	Misfire (P0300)
2044	Cylinder 1 misfire (P0301)
2045	Cylinder 5 misfire (P0305)
2046	Cylinder 3 misfire (P0303)
2047	Cylinder 6 misfire (P0306)
2048	Cylinder 2 misfire (P0302)
2049	Cylinder 4 misfire (P0304)
204A	Cylinder 7 misfire (P0307)
204B	Cylinder 11 misfire (P0311)
204C	Cylinder 9 misfire (P0309)
204D	Cylinder 12 misfire (P0312)
204E	Cylinder 8 misfire (P0308)
204F	Cylinder 10 misfire (P0310)
2050	Interrupt,CAT damageed (P0300)
2051	Cylinder 1 misfire,CAT damageed (P0301)
2052	Cylinder 5 misfire,CAT damageed (P0305)
2053	Cylinder 3 misfire,CAT damageed (P0303)
2054	Cylinder 6 misfire,CAT damageed (P0306)
2055	Cylinder 2 misfire,CAT damageed (P0302)
2056	Cylinder 4 misfire,CAT damageed (P0304)
2057	Cylinder 7 misfire,CAT damageed (P0307)
2058	Cylinder 11 misfire,CAT damageed (P0311)
2059	Cylinder 9 misfire,CAT damageed (P0309)
205A	Cylinder 12 misfire,CAT damageed (P0312)
205B	Cylinder 8 misfire,CAT damageed (P0308)
205C	Cylinder 10 misfire,CAT damageed (P0310)
205E	Fault stored in component N15/3 (EGS controller).(P0702)
205F	Fault stored in component N15/3 (EGS controller).(P0753)
2060	Fault stored in component N15/3 (EGS controller).(P0758)
2061	Fault stored in component N15/3 (EGS controller).(P0763)
2062	Fault stored in component N15/3 (EGS controller).(P0743)
2063	Fault stored in component N15/3 (EGS controller).(P0748)
2064	Fault stored in component N15/3 (EGS controller).(P0748)
2065	Fault stored in component N15/3 (EGS controller).(P0702)
2066	Fault stored in component N15/3 (EGS controller).(P0715)
2067	Fault stored in component N15/3 (EGS controller).(P0705)
2068	Fault stored in component N15/3 (EGS controller).(P0720)

2069	Fault stored in component N15/3 (EGS controller).(P0700)
206A	Fault stored in component N15/3 (EGS controller).(P0700)
206B	Fault stored in component N15/3 (EGS controller).(P0740)
206D	Fault stored in component N15/3 (EGS controller).(P0730)
206E	ME 2.7 controller incorrect coded (according to AT code,car has MT)
206F	ME 2.7 controller incorrectly coded or communication error with N15/3 (EGS controller) controller BUS
2070	As component N15/3 (EGS controller) voltage is too low,transmission variables can not be checked
2072	B4/3 (fuel tank pressure sensor),signal error (P0450)
2073	M4/3 (engine/A/C electronic suction device)
2075	EGR slight leak (leakage)(P0442)
2076	Component B40 (engine oil sensor (engine oil condition,temperature and quality)):engine oil temperature error
207D	No signal or error signal from N73 (EIS controller) controller BUS
207E	Cylinder 4-6 CAT too weak (P0422)
207F	G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,calibration program jump over (P0133)
2080	G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,used too long (P0133)
2081	G3/14 (right O2 sensor,after CAT,cylinder 4-6) no special condition change
2082	G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,voltage up too small (P0130)
2083	G3/14 (right O2 sensor,after CAT,cylinder 4-6) electrical malfunction (P0136)
2085	Cylinder 4-6 mixture formation unit adaptation reaches limit.(part load)(P0170)
2086	Cylinder 4-6 mixture formation unit adaptation reaches limit.(idle)(P0170)
2087	Cylinder 4-6 mixture formation unit adaptation reaches limit.(between idle and part load)
2088	Component G3/10 (right O2 sensor,before CAT,cylinder 4-6) heating (P0135)
2089	Component G3/14 (right O2 sensor,after CAT,cylinder 4-6) heating (P0141)
208A	Y62y7 (cylinder 7 fuel injector)(P0207)
208B	Y62y11 (cylinder 11 fuel injector)(P0211)
208C	Y49/1 (camshaft regulation valve,left cylinder bank),electrical malfunction (P0340)
208E	Y81/1 (10-cylinder 12 cylinder cut-off valve),electrical malfunction
208F	Y81/1 (10-cylinder 12 cylinder cut-off valve),electrical malfunction
2090	At least two socket of O2 sensor exchanged.
2091	B40/2 (cylinder disable unit oil pressure sensor),electrical malfunction (P0520)
2092	Y80/1 (cylinder 7-9 cylinder cut-off valve),electrical malfunction
2093	Y80/1 (cylinder 7-9 cylinder cut-off valve),electrical malfunction
2097	Throttle valve block (ice up)
2098	Error crash signal from component N2/7 (SRS controller)
2099	When ZAS is turned off,cylinder 8 exhaust valve inactive.
209A	When ZAS is turned off,cylinder 10 exhaust valve inactive.
209B	Y93 (EGR switch-over valve)
209C	When ZAS is turned off,component Y80/1 (cylinder 7-9 cylinder cut-off valve) not off.
209D	When ZAS is turned off,component Y81/1 (cylinder 10-12 cylinder cut-off valve) not off.
209E	When ZAS is turned off,cylinder 7 exhaust valve inactive.
209F	When ZAS is turned off,cylinder 11 exhaust valve inactive.
20A0	When ZAS is turned off,cylinder 9 exhaust valve inactive.
20A1	When ZAS is turned off,cylinder 12 exhaust valve inactive.
20A2	When ZAS is turned off,intake valve of some cylinder inactive.

20A3	7-9 cylinder CAT too weak.(P0432)
20A4	10-12 cylinder CAT too weak.(P0432)
20A5	G3/7 (left O2 sensor,before CAT,cylinder 7-9):aging,calibration program jump over (P0153)
20A6	G3/8 (left O2 sensor,before CAT,cylinder 10-12):aging,calibration program jump over (P0153)
20A7	G3/7 (left O2 sensor,before CAT,cylinder 7-9):aging,used too long (P0153)
20A8	G3/8 (left O2 sensor,before CAT,cylinder 10-12):aging,used too long (P0153)
20A9	G3/7 (left O2 sensor,before CAT,cylinder 7-9),electrical malfunction (P0150)
20AA	G3/8 (left O2 sensor,before CAT,cylinder 10-12),electrical malfunction (P0150)
20AB	G3/11 (left O2 sensor,after CAT,cylinder 7-9),electrical malfunction (P0156)"
20AC	G3/12 (left O2 sensor,after CAT,cylinder 10-12),electrical malfunction (P0156)
20AD	Cylinder 7-9 mixture formation unit adaptation reaches limit.(part load)(P0173)
20AE	10-cylinder 12 mixture formation unit adaptation reaches limit.(part load)(P0173)
20AF	Cylinder 7-9 mixture formation unit adaptation reaches limit.(idle)(P0173)
20B0	Cylinder 10-12 mixture formation unit adaptation reaches limit.(idle)(P0173)
20B1	Cylinder 7-9 mixture formation unit adaptation reaches limit.(between idle and part load)
20B2	Cylinder 10-12 mixture formation unit adaptation reaches limit.(between idle and part load)
20B3	Component G3/7 (left O2 sensor,before CAT,cylinder 7-9) heating (P0155)
20B4	Component G3/8 (left O2 sensor,before CAT,cylinder 10-12) heating (P0155)
20B5	Component G3/11 (left O2 sensor,after CAT,cylinder 7-9) heating (P0161)
20B6	Component G3/12 (left O2 sensor,after CAT,cylinder 10-12) heating (P0161)
20B8	B6/2 (camshaft Hall sensor,left cylinder bank)(P0340)
20B9	Y62y9 (cylinder 9 fuel injector)(P0209)
20BA	Y62y12 (cylinder 12 fuel injector)(P0212)
20BB	Y62y8 (cylinder 8 fuel injector)(P0208)
20BC	Y62y10 (cylinder 10 fuel injector)(P0210)
20BD	Rotate angle error between left cylinder bank camshaft and crankshaft (P0378)
20BE	Component G3/9(right O2 sensor,before CAT,cylinder 1-3)heating,supply voltage (P0135)
20BF	Component G3/10 (right O2 sensor,before CAT,cylinder 4-6) heating,supply voltage (P0135)
20C0	Component G3/7 (left O2 sensor,before CAT,cylinder 7-9) heating,supply voltage (P0155)
20C1	Component G3/8 (left O2 sensor,before CAT,cylinder 10-12) heating,supply voltage (P0155)
20C2	Component G3/13(right O2 sensor,after CAT,cylinder 1-3) heating,supply voltage (P0141)
20C3	Component G3/14(right O2 sensor,after CAT,cylinder 4-6) heating,supply voltage (P0141)
20C4	Component G3/11 (left O2 sensor,after CAT,cylinder 7-9) heating,supply voltage (P0161)
20C5	Component G3/12 (left O2 sensor,after CAT,cylinder 10-12) heating,supply voltage (P0161)
20C6	G3/11 (left O2 sensor,after CAT,cylinder 7-9),no special condition change
20C7	G3/12 (left O2 sensor,after CAT,cylinder 10-12),no special condition change
20C8	Y32/1 (air pump conversion switch,left cylinder bank)(P0415)
20C9	Left cylinder bank intake unit error operation (work link)(P0410)
20CA	No RL wheel speed signal or error signal from N47-5 (electronic stable program controller) controller BUS (P0500)
20CB	No FL wheel speed signal or error signal from N47-5 (electronic stable program controller) controller BUS (P0500)
20CD	A/C compressor torque error
20CE	A/C refrigerant pressure too high

20CF	Component B37 (pedal position sensor) voltage difference error between signal 1 and signal 2 (P0120)
20D0	A/C request an error ventilation efficiency.
20D1	Torque request error from N63/1 (DTR controller) controller.
20D2	Controller N63/1 (DTR controller) torque request BUS transmission error
20D3	Controller N63/1 (DTR controller) torque request BUS transmission error
20D4	Load limit valid.
20D5	Controller N15/3 (EGS controller) torque request error.(P0702)
20D6	Controller N15/3 (EGS controller) torque request BUS transmission error (P0702)
20D7	Controller N15/3 (EGS controller) torque request BUS transmission error (P0702)
20D8	Electronic stable program malfunction
20D9	Controller N47-5 (ESP controller) torque request error.
20DA	Controller N47-5 (ESP controller) torque request BUS transmission error
20DB	Controller N47-5 (ESP controller) torque request BUS transmission error
20DC	B37 (pedal position sensor),signal channel 1 open(P0120)
20DD	B37 (pedal position sensor),signal channel 1 short(P0120)
20DE	B37 (pedal position sensor),signal channel 2 open(P0120)
20DF	B37 (pedal position sensor),signal channel 2 short(P0120)
20E0	Software error,memory clear error.
20E1	Software error,memory clear error.
20E2	Software error,memory clear error.
20E3	Component B37 (pedal position sensor) supply voltage (P0120)
20E4	Error signal from component S9/1 (brake light switch)
20E5	Component S9/1 (brake light switch) signal BUS transmission error
20E6	Component S9/1 (brake light switch) signal BUS transmission error
20E7	Cylinder 1 ion current signal lose or error.(P0301)
20E8	Cylinder 2 ion current signal lose or error.(P0302)
20E9	Cylinder 3 ion current signal lose or error.(P0303)
20EA	Cylinder 4 ion current signal lose or error.(P0304)
20EB	Cylinder 5 ion current signal lose or error.(P0305)
20EC	Cylinder 6 ion current signal lose or error.(P0306)
20ED	Cylinder 1 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20EE	Cylinder 2 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20EF	Cylinder 3 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20F0	Cylinder 4 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20F1	Cylinder 5 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20F2	Cylinder 6 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)
20F3	Cylinder 7 ion current signal lose or error.(P0307)
20F4	Cylinder 8 ion current signal lose or error.(P0308)
20F5	Cylinder 9 ion current signal lose or error.(P0309)
20F6	Cylinder 10 ion current signal lose or error.(P0310)
20F7	Cylinder 11 ion current signal lose or error.(P0311)
20F8	Cylinder 12 ion current signal lose or error.(P0312)
20F9	Cylinder 7 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)
20FA	Cylinder 8 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)
20FB	Cylinder 9 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)
20FC	Cylinder 10 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)
20FD	Cylinder 11 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

20FE	Cylinder 12 spark plug a,b or ignition mode ECI, right cylinder bank (N92/2)
3001	Malfunction of exhaust gas recirculation (functional chain)(P0400)
3003	Malfunction of secondary air injection (function chain)(P0410)
3004	B2/5 (Hot film MAF sensor)(P0100)
3005	B11/4 (Coolant temperature sensor)(P0115)
3006	B2/5b1 (Intake air temperature sensor)(P0110)
3007	B28 (Pressure sensor)(P0105)
3008	Heating of component G3/4 (Right O2 sensor,before TWC[CAT])(P0135)
3009	Heating of component G3/6 (Right O2 sensor,after TWC[CAT])(P0141)
300A	Knock sensor system of control module N3/10 (ME-SFI control module),Hardware fault
300B	The efficiency of the right catalytic converter is insufficient.(P0422)
300C	G3/4 (Right O2 sensor,before TWC[CAT]) Aging,correction variable exceeded
300D	G3/4 (Right O2 sensor,before TWC[CAT]) Aging,period too long (P0133)
300E	G3/6 (Right O2 sensor,after TWC[CAT])
300F	G3/4 (Right O2 sensor,before TWC[CAT])(P0130)
3010	G3/6 (Right O2 sensor,after TWC[CAT])(P0136)
3011	A16/1 (Knock sensor 1,right)
3012	Y58/4 (Activated charcoal canister shut-off valve)(P0446)
3013	Major leak in purge system (P0455)
3014	Purge control system has slight leak (P0442)
3015	Purge control system has leak (function chain)(P0440)
3016	Self-adaptation of mixture formation for right bank of cylinders is at limit value (at part load).(P0170)
3017	Self-adaptation of mixture formation for right bank of cylinders is at limit value (at idle speed).(P0170)
3018	Self-adaptation of mixture formation for right bank of cylinders is at limit value (between idle speed and part load).(P0170)
3019	Power output limited because of excessively high temperature of coolant
301A	B6/1 (Camshaft Hall sensor)(P0341)
301B	Voltage supply of component N3/10 (ME-SFI control module)(P0560)
301C	B4/3 (Fuel tank pressure sensor),Electrical fault (P0450)
301D	Y62y1 (Fuel injector cylinder 1)(P0201)
301E	Y62y5 (Fuel injector cylinder 5)(P0205)
301F	Y62y4 (Fuel injector cylinder 4)(P0204)
3020	Y62y2 (Fuel injector cylinder 2)(P0202)
3021	Y62y6 (Fuel injector cylinder 6)(P0206)
3022	Y62y3 (Fuel injector cylinder 3)(P0203)
3023	K40/7kN (Air pump relay)(P0410)
3024	Y32 (Air pump switchover valve)(P0412)
3025	Y58/4 (Activated charcoal canister shut-off valve)(P0446)
3026	Y58/1 (Purge control valve)(P0443)
3027	Y31/1 (EGR vacuum transducer)(P0403)
302B	Idle speed control implausible (P0507)
302C	Coolant thermostat (P0115)
302D	B11/4 (Coolant temperature sensor),Plausibility (P0115)
302E	M16/6 (throttle valve actuator)(P0120)
302F	No or incorrect CAN message from control unit N51/2 (ABC control module)(P0600)
3030	No or incorrect CAN message from control unit N15/5 (electronic selector lever module)

	control module)(P0600)
3031	No or incorrect CAN message from control unit N80 (Jacket tube module)(P0600)
3032	M16/6r1 (Throttle valve actual value potentiometer)(P0120)
3033	S40/4 (CC switch with variable speed limiter)
3034	L5 (Crankshaft position sensor)(P0335)
3036	No or incorrect CAN message from control unit N47-5 (ESP control module)(P0600)
3037	No or incorrect CAN message from control unit N15/3 (ETC control module)(P0600)
3038	A16/2 (knock sensor 2,left)
3039	Component B40 (Oil sensor (oil level,temperature and quality)):oil level implausible
303A	The fuel tank level is too low.(P0460)
303B	Fault of function monitor in electronic accelerator (P0221)
303C	Fault of priority 1:fault of function monitor in electronic accelerator (P0221)
303D	Angle variation of camshaft to crankshaft (P0370)
303E	No CAN message from instrument cluster or message faulty.(P0600)
3040	Component B40 (Oil sensor (oil level,temperature and quality)):oil quality implausible
3041	Component B40 (Oil sensor (oil level,temperature and quality)):Water in engine oil
3042	Safety fuel shutoff detected
3043	Misfiring (P0300)
3044	Misfiring of cylinder 1 (P0301)
3045	Misfiring of cylinder 5 (P0305)
3046	Misfiring of cylinder 4 (P0304)
3047	Misfiring of cylinder 2 (P0302)
3048	Misfiring of cylinder 6 (P0306)
3049	Misfiring of cylinder 3 (P0303)
304A	Misfiring of cylinder 7 (P0307)
304B	Misfiring of cylinder 8 (P0308)
3050	Misfiring,Damages TWC (P0300)
3051	Misfiring of cylinder 1,damages TWC (P0301)
3052	Misfiring of cylinder 5,damages TWC (P0305)
3053	Misfiring of cylinder 4,damages TWC (P0304)
3054	Misfiring of cylinder 2,damages TWC (P0302)
3055	Misfiring of cylinder 6,damages TWC (P0306)
3056	Misfiring of cylinder 3,damages TWC (P0303)
3057	Misfiring of cylinder 7,damages TWC (P0307)
3058	Misfiring of cylinder 8,damages TWC (P0308)
305E	Component N15/3 (ETC control module) memory is fault.(P0702)
305F	Component N15/3 (ETC control module) memory is fault.(P0753)
3060	Component N15/3 (ETC control module) memory is fault.(P0758)
3061	Component N15/3 (ETC control module) memory is fault.(P0763)
3062	Component N15/3 (ETC control module) memory is fault.(P0743)
3063	Component N15/3 (ETC control module) memory is fault.(P0748)
3064	Component N15/3 (ETC control module) memory is fault.(P0748)
3065	Component N15/3 (ETC control module) memory is fault.(P0702)
3066	Component N15/3 (ETC control module) memory is fault.(P0715)
3067	Component N15/3 (ETC control module) memory is fault.(P0705)
3068	Component N15/3 (ETC control module) memory is fault.(P0720)
3069	Component N15/3 (ETC control module) memory is fault.(P0700)
306A	Component N15/3 (ETC control module) memory is fault.(P0700)

306B	Component N15/3 (ETC control module) memory is fault.(P0740)
306D	Component N15/3 (ETC control module) memory is fault.(P0730)
306E	Control module ME-SFI 2.8 is incorrectly coded (coded to MT,vehicle has AT)
306F	Control module ME-SFI 2.8 is incorrectly coded or there is fault in the CAN communication with control module N15/3 (ETC control module)
3070	Transmission version cannot be checked because of undervoltage at component N15/3 (ETC control module)
3071	Start enable of DAS not sent
3072	B4/3 (Fuel tank pressure sensor),Signal implausible (P0450)
3073	Electric suction fan for engine or air conditioning
3074	Y22/6 (variable intake manifold switchover valve)
3075	Pruge control system has a slight leak (minor leak)(P0442)
3076	Component B40 (Oil sensor (oil level,temperature and quality)):oil temperature implausible
3077	Read fault memory from control unit N15/6 (Sprintshift control module) and rectify faults.
3078	Read fault memory from control unit N15/6 (Sprintshift control module) and rectify faults.
3079	CAN signal 'Vehicle speed limit'
307A	CAN signal 'Vehicle speed limit'
307B	Read fault memory from control unit Transmission and rectify faults.
307D	No or incorrect CAN message from control unit N73 (EIS control module)
307E	The efficiency of the left catalytic converter is insufficient.(P0432)
307F	G3/3 (Left O2 sensor,before TWC[KAT]) Aging,correction variable exceeded
3080	G3/3 (Left O2 sensor,before TWC[KAT]) Aging,period too long (P0153)
3081	G3/5 (Left O2 sensor,after TWC[KAT])
3082	G3/3 (Left O2 sensor,before TWC[KAT]) Electrical fault (P0150)
3083	G3/5 (Left O2 sensor,after TWC[KAT]) Electrical fault (P0156)
3085	Self-adaptation of mixture formation for left bank of cylinders is at limit value (at part load).(P0173)
3086	Self-adaptation of mixture formation for left bank of cylinders is at limit value (at idle speed).(P0173)
3087	Self-adaptation of mixture formation for left bank of cylinders is at limit value (between idle speed and part load).(P0173)
3088	Heating of component G3/3 (Left O2 sensor,before TWC[KAT])(P0155)
3089	Heating of component G3/5 (Left O2 sensor,after TWC[KAT])(P0161)
308A	Y62y7 (Fuel injector cylinder 7)(P0207)
308B	Y62y8 (Fuel injector cylinder 8)(P0208)
308E	Y81 (cylinder cut-off valve,left cylinder bank),electrical malfunction
3090	Plug connections of the O2 sensors are wrongly connected.(O2 sensor upstream TWC)
3091	B40/2 (cylinder off oil pressure sensor),electrical malfunction (P0520)
3093	Y80 (cylinder cut-off valve,right cylinder bank),electrical malfunction
3094	When ZAS is turned on,left and right cylinder cut-off valve (Y80 or Y81) is not opened.
3095	When ZAS is turned on,cylinder inlet valve does not work.
3097	Throttle valve block (ice up)
3098	Component N2/7 (SRS controller) crash signal error.
309B	Y93 (EGR switch-over valve)
309C	When ZAS is turned off,component Y80 (cylinder cut-off valve,right cylinder bank) not turn off.
309D	When ZAS is turned off,component Y81 (cylinder cut-off valve,left cylinder bank) not turn off.
309E	When ZAS is turned off,cylinder 5 exhaust valve not work.

309F	When ZAS is turned off,cylinder 2 exhaust valve not work.
30A0	When ZAS is turned off,cylinder 3 exhaust valve not work.
30A1	When ZAS is turned off,cylinder 8 exhaust valve not work.
30A2	When ZAS is turned off,some cylinder exhaust valve not work.
30B7	Increased idle speed due to SBC low-voltage:Check current and voltage on vehicle./No control module defective (P1999.183)
30BE	Heating of component G3/4 (Right O2 sensor,before TWC[KAT]),Voltage supply (P0135)
30BF	Heating of component G3/3 (Left O2 sensor,befor TWC[KAT]),Voltage supply (P0135)
30C2	Heating of component G3/6 (Right O2 sensor,after TWC[KAT]),Voltage supply (P0141)
30C3	Heating of component G3/5 (Left O2 sensor,after TWC[KAT]),Voltage supply (P0141)
30CA	No CAN message 'Vehicle speed signal left rear wheel' from control module N47-5 (ESP control module) or message faulty.(P0500)
30CB	No CAN message 'Vehicle speed signal left front wheel' from control module N47-5 (ESP control module) or message faulty.(P0500)
30CC	'Rough road detection' signal (by comparing wheel speeds)
30CD	AC compressor torque implausible
30CE	Refrigerant pressure in air conditioning too high
30CF	The voltage difference between signal 1 and signal 2 of component B37 (Pedal value sensor) is implausible.(P0120)
30D0	The air conditioning requests an implausible fan output.
30D1	The torque request from control module N63/1 (DTR control module) is implausible.
30D2	CAN transmission error of torque request from control module N63/1 (DTR control module)
30D3	CAN transmission error of torque request from control module N63/1 (DTR control module)
30D4	The load limit is active.
30D5	The torque request from control module N15/3 (ETC control module) is implausible. (P0702)
30D6	CAN transmission error of torque request from control module N15/3 (ETC control module)(P0702)
30D7	CAN transmission error of torque request from control module N15/3 (ETC control module)(P0702)
30D8	ESP fault
30D9	The torque request from control module N47-5 (ESP control module) is implausible.
30DA	CAN transmission error of torque request from control module N47-5 (ESP control module)
30DB	CAN transmission error of torque request from control module N47-5 (ESP control module)
30DC	B37 (Pedal value sensor),Open circuit at signal path 1 (P0120)
30DD	B37 (Pedal value sensor),Short circuit at signal path 1 (P0120)
30DE	B37 (Pedal value sensor),Open circuit at signal path 2 (P0120)
30DF	B37 (Pedal value sensor),Short circuit at signal path 2 (P0120)
30E0	Ignore fault code and erase fault memory.
30E1	Ignore fault code and erase fault memory.
30E2	Ignore fault code and erase fault memory.
30E3	Voltage supply of component B37 (Pedal value sensor)(P0120)
30E4	Implausible signal from component S9/1 (Stop lamp switch)
30E5	CAN transmission error of signal from component S9/1 (Stop lamp switch)
30E6	CAN transmission error of signal from component S9/1 (Stop lamp switch)

4000	Component N15/3 (ETC control module) is faulty.
4001	Component N15/3 (ETC control module) is faulty.
4002	Component N15/3 (ETC control module) is faulty.
4003	Component N15/3 (ETC control module) is faulty.
4004	Component N15/3 (ETC control module) is faulty.
4005	Component N15/3 (ETC control module) is faulty.
4006	Component N15/3 (ETC control module) is faulty.
4007	Component N15/3 (ETC control module) is faulty.
4008	Component N15/3 (ETC control module) is faulty.
4009	Component N15/3 (ETC control module) is faulty.
400A	Component N15/3 (ETC control module) is faulty.
400B	Component N15/3 (ETC control module) is faulty.
400C	Component N15/3 (ETC control module) is faulty.
400D	Component N15/3 (ETC control module) is faulty.
4010	Control module N15/3 (ETC control module) is not coded.
4011	The coding of the control unit N15/3 (ETC control module) is impermissible.
4012	The checksum of the standard software status for component N15/3 (ETC control module) is missing or is not entered.
4100	Component Y3/6y3 (1-2 and 4-5 shift solenoid valve) is faulty.
4101	Component Y3/6y3 (1-2 and 4-5 shift solenoid valve) has a short circuit to ground.
4102	Component Y3/6y5 (2-3 shift solenoid valve) is faulty.
4103	Component Y3/6y5 (2-3 shift solenoid valve) has a short circuit to ground.
4104	Component Y3/6y4 (3-4 shift solenoid valve) is faulty.
4105	Component Y3/6y4 (3-4 shift solenoid valve) has a short circuit to ground.
4106	Component Y3/6y6 (Torque converter lockup PWM solenoid valve) is faulty.
4107	Component Y3/6y1 (Modulating pressure control solenoid valve) is faulty.
4108	Component Y3/6y2 (Shift pressure control solenoid valve) is faulty.
4109	Component Y66/1 (Reversing and parking lock solenoid) has short circuit or no connection.
410A	The cable to component K38/3 (Starter lockout relay) has short circuit or no connection.
4200	Component Y3/6n2 (speed sensor 2) is faulty or the sensor supply has Short circuit.
4203	Component Y3/6n3 (speed sensor 3) is faulty.
4206	No signal from output speed sensor
4207	The value of component Y3/6n3 (speed sensor 3) is implausible.
420A	The speed comparison of Y3/6n2 or Y3/6n3 is implausible.
420B	The speed of Y3/6n2 or Y3/6n3 is too high.
4210	Selector lever coding is invalid.
4211	The selector lever is in an intermediate position.
4212	The selector lever position is implausible.
4220	Component Y3/6s1 (Starter lockout contact) or component Y3/6b1 (ATF temperature sensor) is faulty or both.
4221	The signal of component Y3/6b1 (ATF temperature sensor) and (or) Y3/6s1 (Starter lockout contact) is implausible.
4222	The signal of component Y3/6b1 (ATF temperature sensor) and (or) Y3/6s1 (Starter lockout contact) is implausible.
4300	CAN communication is faulty.
4301	CAN communication is faulty.
4310	CAN communication with the traction system is faulty.
4311	CAN communication with the engine system is faulty.

4312	CAN communication with the engine system is faulty or engine temperature is implausible.
4313	There is a fault in CAN communication with control module N15/5 (electronic selector lever module control module) or the selector lever position of control module ESM is implausible.
4314	Fault in CAN communication with control unit N73 (EIS control module)
4315	Fault in CAN communication with control unit A1 (Instrument cluster)
4316	Fault in CAN communication with control unit A1 (Instrument cluster)
4317	There is a sporadic fault in CAN communication with control module N78 (Transfer case control module) or the transfer case position is sporadically implausible.
4318	Fault in CAN communication with control unit N15/5 (electronic selector lever module control module)
4330	The CAN signal from traction system is faulty.
4331	The CAN signal from the engine system is faulty.
4332	The CAN signal from the engine system is faulty.
4333	The CAN signal from control module N15/5 (electronic selector module control module) is faulty.
4334	The CAN signal from control module N73 (EIS control module) is faulty.
4335	The CAN signal from control module A1 (Instrument cluster) is faulty.
4336	The CAN signal from control module N73 (EIS control module) and (or) A1 (Instrument cluster) is faulty.
4337	The CAN signal from control module N78 (Transfer case control module) is faulty.
4338	The CAN signal from control module N15/5 (electronic selector lever module control module) is faulty.
4400	The rear right wheel speed of the traction system is implausible.
4401	The rear left wheel speed of the traction system is implausible.
4402	The front right wheel speed of the traction system is implausible.
4403	The front left wheel speed of the traction system is implausible.
4404	The CAN signal from component S9/1 (Stop lamp switch) of the traction system is implausible.
4405	The accelerator pedal value of the engine system is implausible.
4406	The engine torque from the engine system is implausible.
4407	The default torque of the traction system is implausible.
4408	The engine torque from the engine system is implausible.
4409	The engine torque from the engine system is implausible.
440A	The engine speed of the engine system is implausible.
440B	The engine temperature from the engine system is implausible.
440C	The CAN signal for the selector lever position from component N15/5 (electronic selector lever module control module) is implausible.
440D	There is a sporadic fault in CAN communication with control module N78 (Transfer case control module) or the transfer case position is sporadically implausible."
4500	The transmission has an impermissible transmission ratio.
4501	Engine has excessive speed.
4502	The gear is implausible or the transmission is slipping.
4503	The gear comparison is negative or the target gear is not reached.
4510	The torque converter lock-up clutch causes impermissible closing.
4511	The torque converter lock-up clutch has excessive power consumption.
4520	The feedback through the transmission protection is not maintained.
4600	The voltage supply of circuit 87 has undervoltage.

4601	The voltage supply of circuit 87 has overvoltage.
4602	The voltage supply of the valves is faulty.
4603	The voltage supply of the speed sensors is faulty.
5001	Fault not relevant Erase fault memory
5002	Solenoid valve Y3/6y3 1-2/4-5 gearshift
5003	Solenoid valve Y3/6y5 2-3 gearshift
5004	Solenoid valve Y3/6y4 3-4 gearshift
5005	PWM solenoid valve torque converter lockup Y3/6y6
5006	Control solenoid valve Y3/6y1 modulating pressure
5007	Control solenoid valve Y3/6y2 shift pressure
5008	R/P lock actuator Y66/1 discontinuity,short circuit
5009	Wiring to starter lockout relay K38/3 discontinuity,short circuit
500A	Valves supply voltage
500B	Rpm sensors supply voltage short circuit
500C	Rpm sensor n2 Y3/6I2
500D	Rpm sensor n3 Y3/6I1
500E	No fault text specified at present
500F	No fault text specified at present
5010	Rpm sensor transmission B49
5011	No fault text specified at present
5012	Selector lever implausible
5013	No fault text specified at present
5014	Gear oil temperature sensor Y3/6b1 Starter lockout contact Y3/6
5015	Supply circuit 87 Over-/undervoltage
5016	Wheel speed RR from traction system implausible,CAN
5017	Wheel speed RL from traction system implausible,CAN
5018	Wheel speed FR from traction system implausible,CAN
5019	Wheel speed FL from traction system implausible,CAN
501A	Accelerator pedal value from motor electronics implausible,CAN
501B	Set torque from motor electronics implausible,CAN
501C	Engine speed from motor electronics implausible,CAN
501D	Engine torque from motor electronics implausible,CAN
501E	Altitude factor from motor electronics implausible,CAN
501F	Maximum induced engine torque from motor electronics implausible,CAN
5020	Engine torque left from motor electronics implausible,CAN
5021	Throttle valve actual value from motor electronics implausible,CAN
5022	No fault text specified at present
5023	Fault in CAN communication with:Motor electronics
5024	CAN communic.engine electronics or engine temperat.implausible
5025	Fault in entire CAN communication
5026	Fault in CAN communication with:Traction system
5027	Fault in CAN communication with:Motor electronics
5028	Fault in CAN communication with:Instrument cluster
5029	CAN communication transfer case control implausible
5032	Rpm n3 too high Externally-toothed disc carrier
5033	Gear implausible or transmission slipping
5034	Torque converter lock-up clutch (KUeB),impermissible closing
5035	Torque converter lock-up clutch (KUeB),high power consumption

5036	Transmission protection feedback not received
5037	Gear comparison negative.Target gear not achieved
5038	Control module N15/3 Coding error
5039	Control module N15/3
503A	Control module N15/3
503B	Control module N15/3
503C	Control module N15/3
503D	Control module N15/3
503E	Control module N15/3
503F	Control module N15/3
5040	Control module N15/3
5041	Control module N15/3
5062	Sporadically Solenoid valve Y3/6y3 1-2/4-5 gearshift
5063	Sporadically Solenoid valve Y3/6y5 2-3 gearshift
5064	Sporadically Solenoid valve Y3/6y4 3-4 gearshift
5065	Sporadically PWM solenoid valve torque converter lockup Y3/6y6
5066	Sporadically Control solenoid valve Y3/6y1 modulating pressure
5067	Sporadically Control solenoid valve Y3/6y2 shift pressure
5068	Sporadically R/P lock actuator Y66/1 discontinuity,short circuit
5069	Sporadically Wiring to starter lockout relay K38/3 discontinuity,short circuit
506A	Sporadically Valves supply voltage
506B	Sporadically Rpm sensors supply voltage short circuit
506C	Sporadically Rpm sensor n2 Y3/6l2
506D	Sporadically Rpm sensor n3 Y3/6l1
506E	No fault text specified at present
506F	No fault text specified at present
5070	Sporadically Rpm sensor transmission B49
5071	No fault text specified at present
5072	Sporadically Selector lever implausible
5073	No fault text specified at present
5074	Sporadically Gear oil temperature sensor Y3/6b1 Starter lockout contact Y3/6
5075	Sporadically Supply circuit 87 Over-/undervoltage
5076	Sporadically Wheel speed RR from traction system implausible,CAN
5077	Sporadically Wheel speed RL from traction system implausible,CAN
5078	Sporadically Wheel speed FR from traction system implausible,CAN
5079	Sporadically Wheel speed FL from traction system implausible,CAN
507A	Sporadically Accelerator pedal value from motor electronics implausible,CAN
507B	Sporadically Set torque from motor electronics implausible,CAN
507C	Sporadically Engine speed from motor electronics implausible,CAN
507D	Sporadically Engine torque from motor electronics implausible,CAN
507E	Sporadically Altitude factor from motor electronics implausible,CAN
507F	Sporadically Maximum induced engine torque from motor electronics implausible,CAN
5080	Sporadically Engine torque left from motor electronics implausible,CAN
5081	Sporadically Throttle valve actual value from motor electronics implausible,CAN
5082	CAN: Engine management communication faulty
5083	Sporadically fault in CAN communication with:Motor electronics
5084	Sporadically CAN communic,engine electronics or engine temperat.implausible
5085	Sporadically Fault in entire CAN communication

5086	Sporadically fault in CAN communication with:Traction system
5087	Sporadically fault in CAN communication with:Motor electronics
5088	Sporadically fault in CAN communication with:Instrument cluster
5089	Sporadically CAN communication transfer case control implausible
5092	Sporadically Rpm n3 too high Externally-toothed disc carrier
5093	Sporadically Gear implausible or transmission slipping
5094	Sporadically Torque converter lock-up clutch (KUeB),impermissible closing
5095	Sporadically Torque converter lock-up clutch (KUeB),high power consumption
5096	Sporadically Transmission protection feedback not received
5097	Sporadically Gear comparison negative. Target gear not achieved
5098	Sporadically Control module N15/3 Coding error
5099	Sporadically Control module N15/3
509A	Sporadically Control module N15/3
509B	Sporadically Control module N15/3
509C	Sporadically Control module N15/3
509D	Sporadically Control module N15/3
509E	Sporadically Control module N15/3
509F	Sporadically Control module N15/3
50A0	Sporadically Control module N15/3
50A1	Sporadically Control module N15/3
6002	Incorrect combination of EAG and HFM
6003	Transmission protection output
6004	CAN:No reception from EFP N4/1
6005	CAN:No reception from HFM N3/4
6006	CAN:No reception
6007	Control valve Y3/1y2 discontinuity or N15/1
6008	Control unit N15/1
6009	Control valve Y3/1y2
600A	Control valve Y3/1y2 short circuit

ME1RE DTC:

0100	Right HF type AFM sensor (B2/7)
0105	Right pressure sensor (B28/2)
0110	Right intake air temperature sensor (B17/6)
0115	Right coolant temperature sensor (B11/10)
0120	Right regulation part practical potentiometer
0130	Right O2 sensor before CAT (G3/4)
0135	Right O2 sensor before CAT heating device (G3/4)
0136	Right O2 sensor after CAT (G3/4)
0140	CAT aging device rear right O2 sensor (G3/6)
0141	After CAT right O2 sensor heating device (G3/6)
0150	Before CAT left O2 sensor (G3/3)
0155	Before CAT left O2 sensor heating device (G3/3)
0156	After CAT left O2 sensor (G3/5)
0160	CAT aging device rear left O2 sensor (G3/5)
0161	After CAT left O2 sensor heating device (G3/5)

0201	Cylinder 1 injector (Y62y1)
0202	Cylinder 2 injector (Y62y2)
0203	Cylinder 3 injector (Y62y3)
0204	Cylinder 4 injector (Y62y4)
0205	Cylinder 5 injector (Y62y5)
0206	Cylinder 6 injector (Y62y6)
0207	Cylinder 7 injector (Y62y7)
0208	Cylinder 8 injector (Y62y8)
0209	Cylinder 9 injector (Y62y9)
0210	Cylinder 10 injector (Y62y10)
0211	Cylinder 11 injector (Y62y11)
0212	Cylinder 12 injector (Y62y12)
0300	"CAT interrupt device malfunction
0325	FR knock sensor
0330	RR knock sensor
0335	Right crankshaft position sensor (L5/5)
0341	Right camshaft Hall sensor (B6/3)
0410	Air inbreathing device error operation
0422	Right CAT effect too small
0432	Left CAT effect too small
0440	Right EGR error operation
0441	Right EGR device error operation
0442	EVAP slight leak
0443	Right EVAP switch-over valve (Y58/3)
0450	Fuel tank pressure sensor (B4/3,R129 B4/4)
0455	EGR severe leak
0462	Fuel tank charging condition too few
0507	Idle regulation device error
0560	Right regulator voltage (N3/12)
0565	Speed meter touch switch (S40)
0600	Electronic stable program CAN BUS
0606	Right controller (N3/12)
0700	EGS trouble memory readout
0701	EGS trouble memory readout
0702	EGS trouble memory readout
0703	EGS trouble memory readout
0704	EGS trouble memory readout
0705	EGS trouble memory readout
0706	EGS trouble memory readout
0707	EGS trouble memory readout
0708	EGS trouble memory readout
0709	EGS trouble memory readout
0710	EGS trouble memory readout
0711	EGS trouble memory readout
0712	EGS trouble memory readout
0713	EGS trouble memory readout
0714	EGS trouble memory readout
0715	EGS trouble memory readout

0716	EGS trouble memory readout
0717	EGS trouble memory readout
0718	EGS trouble memory readout
0719	EGS trouble memory readout
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0722	EGS trouble memory readout
0723	EGS trouble memory readout
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0738	EGS trouble memory readout
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0741	EGS trouble memory readout
0742	EGS trouble memory readout
0743	EGS trouble memory readout
0744	EGS trouble memory readout
0745	EGS trouble memory readout
0746	EGS trouble memory readout
0747	EGS trouble memory readout
0748	EGS trouble memory readout
0749	EGS trouble memory readout
0750	EGS trouble memory readout
0751	EGS trouble memory readout
0752	EGS trouble memory readout
0753	EGS trouble memory readout
0754	EGS trouble memory readout
0755	EGS trouble memory readout
0756	EGS trouble memory readout
0757	EGS trouble memory readout
0758	EGS trouble memory readout
0759	EGS trouble memory readout
0760	EGS trouble memory readout
0761	EGS trouble memory readout
0762	EGS trouble memory readout
0763	EGS trouble memory readout

1146	Left HF type AFM sensor (B2/6)
1147	Left coolant temperature sensor (B11/9)
1148	Left intake air temperature sensor (B17/5)
1149	Left pressure sensor (B28/1)
1162	Left regulation part practical potentiometer
1163	Engine oil condition control switch (S43)
1177	Engine oil temperature sensor
1300	Left crankshaft position sensor (L5/4)
1384	FL knock sensor
1385	RL knock sensor
1386	Right remove knock regulation controller (N3/12)
1397	Left camshaft Hall sensor (B6/2)
1420	Air pump switch-over valve (Y32)
1437	Right CAT temperature sensor (B16/5)
1443	Left work link EGR
1444	Left CAT temperature sensor (B16/4)
1453	Air pump relay (K17)
1463	Left air inbreathe device inactive
1490	Left EGR device switch-over valve (Y58/2)
1519	Right work link camshaft control device
1522	Left work link camshaft control device
1525	Right camshaft control device regulation solenoid valve (Y49/2)
1533	Right camshaft control device regulation solenoid valve (Y49/1)
1570	Right FBS and engine controller interfered (N3/12)
1580	Right regulation part (M16/3)
1581	Left regulation part (M16/4)
1584	Brake light switch (S9/1)
1587	Left controller voltage (N3/11)
1588	Left FBS to ME CAN BUS interfered (N3/11)
1589	Right removing knock regulation controller (N3/11)
1605	ABS RPM sensor bad channel identification CAN BUS acceleration signal
1632	Left controller (N3/11)
1644	Transmission variable cannot be inspected (low voltage)
1747	EGS CAN BUS interfered