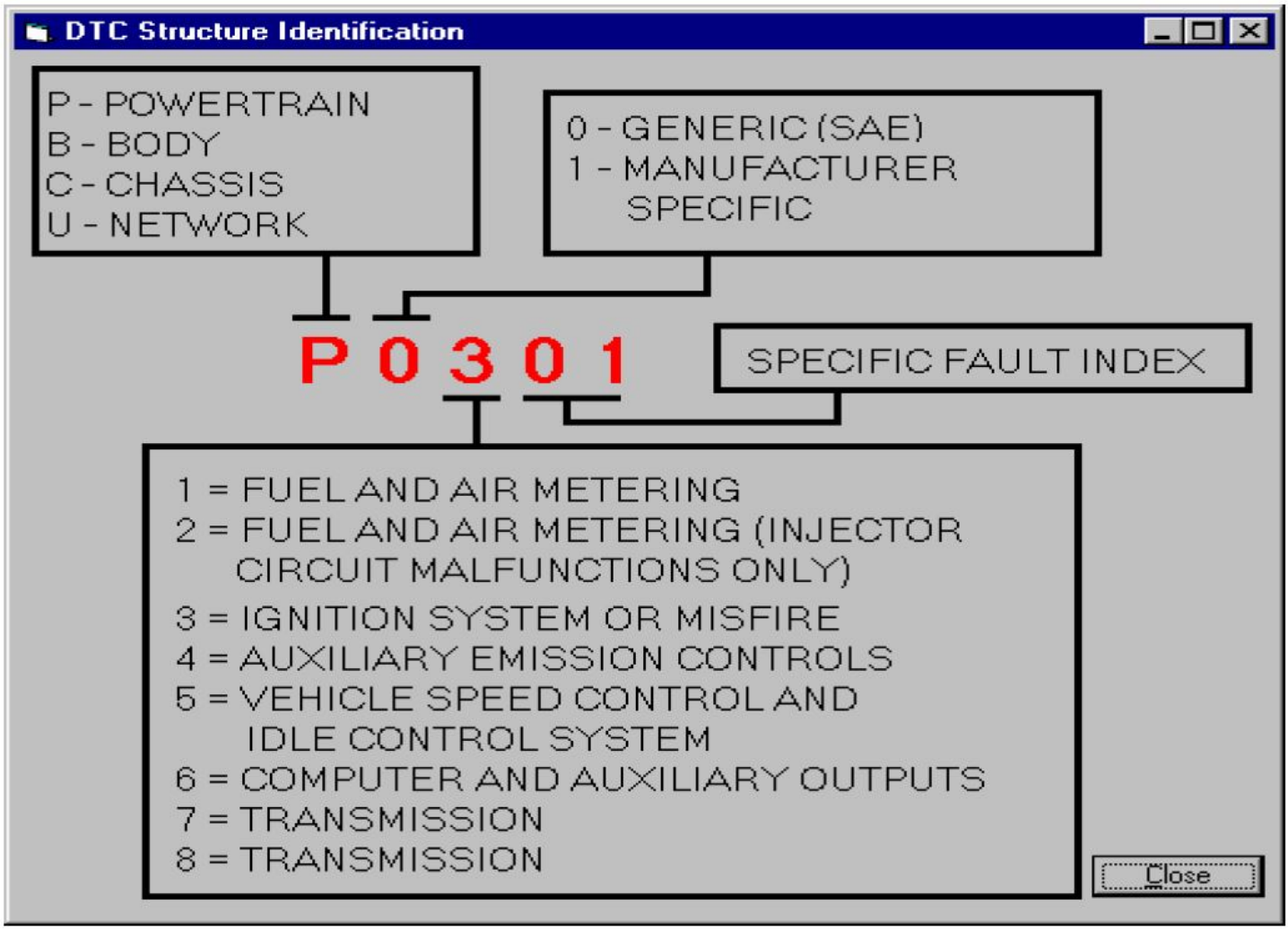
Mercedes-Benz Fault Code List



Body

B1000 HRA Headlamp range adjustment: Supply voltage of the control unit is too low (undervoltage)

B1004 LCP Lower Control Panel: Control unit does not match vehicle type

B1056 Automatic Air Conditioning: Problem in CAN communication with control unit DCM-RL

B1128 Heater core temperature (B10/1)

B1201 Electric seat adjustment front left: Hall sensor front height M27m3

B1213 If seat memory installed: ext left rearview mirror voltage faulty

B1214 If seat memory installed: ext right rearview mirror voltage faulty

B1226 In-car temperature sensor (B10/4)

B1227 Outside temperature indicator temp sensor (014)

B1229 Heater core temperature (B10/1)

B1230 Evaporator temperature sensor (B10/6)

B1231 ECT sensor (B11/4)

B1232 Refrigerant pressure sensor (B12)

B1233 Refrigerant temperature sensor (B12/1)

B1234 Sun sensor (B32)

B1235 Emissions sensor (B31)

B1241 Refrigerant Fill

B1246 PTS Parktronic: A42b1 (left outer sensor, front bumper)

B1310 Left/Window airbag sensor is defective

B1315 Problem in Front passenger child seat recognition

B1416 Coolant circulation pump (M13)

B1417 Duovalve (Y21y1), left

B1418 Duovalve (Y21y2), right

B1419 Electromagnetic clutch (A9k1)

B1420 Idle speed increase

B1421 Pulse module (N05)

B1422 Series interface (K1) connection to instrument cluster (A1)

B1423 Switchover valve block (Y11)

B1424 Activated charcoal filler actuator (A32m2) open

B1425 Activated charcoal filler actuator (A32m2) closed

B1432 Non-USA DTC

B1459 Series interface (K2) connection to instrument cluster (A1)

B1462 Wide open throttle (WOT) position signal diesel engines

B1476 Airbag malfunction indicator and warning lamp is defective

B1481 HRA: Part E2m1 (Right headlamp range adjustment motor) has short to ground

B1489 HRA: Part E2m1 (Right headlamp range adjustment motor) has open or short to positive

B1492 HRA: Part E1m1 (Left headlamp range adjustement motor) has short to positive

B1617 Part E19/1 (Left license plate lamp) is defective

B1618 Part E19/2 (Right license plate lamp) is defective

B1628 Part E2e5 (Turn signal lamp) in module E2 (Right front headlamp unit) is defective.

B1703 Intermittant No Start in AAM Immobiliser Module

B1729 PSE Pneumatic system doorlock Control Module A37

B1736 Navigation system as CD, Check: Check Connection, Flimsy CD data

B1768 Faulty open data flap limit switch (0025) Front flap

B1773 HRA: Zero position programming has not yet been carried out or is not possible

B1850 Electric seat adjustment front right: CAN communication interrupted with DCM

Chassis

C1000 Traction System Control Module

C1010 Battery Voltage Low

C1011 ASR/ETS/ESP Circuit Open or Shorted

C1012 Battery Voltage High

C1020 CAN Communication Fault

C1021 CAN Communication With EA/CC/ISC Control Module Interrupted

C1024 CAN Communication With Engine Control Module Interrupted

C1025 CAN Communication BAS communication with ESP control unit faulty

C1100 Left Front Axle VSS Circuit Fault

C1101 Right Front Axle VSS Circuit Fault

C1102 ETS/ASR, ABS Left Axle VSS Circuit Fault

C1103 Right Rear Axle VSS Circuit Fault

C1121 AIRmatic: fault in component B24/3 (acceler. sensor)

C1122 AIRmatic: fault in component B24/4 (acceler. sensor)

C1123 AIRmatic: fault in component B24/6 (acceler. sensor)

C1132 AIRmatic: fault in component B22/8 (level sensor)

C1133 AIRmatic: fault in component B22/9 (level sensor)

C1135 AIRmatic: fault in component B22/3 (level sensor)

C1140 BAS light, play in steering column causes steering angle sensor to lose memory(?)

C1142 ABS Lateral Acceleration Sensor Open/Shorted

C1144 AIRmatic: fault in component B7 (pressure sensor)

C1185 Faulty BAS diaphragm travel sensor unit

C1200 Stop Light Switch Open/Shorted/Implausible < when on

C1300 Left Front Axle Solenoid Valve (Hold) (A7/3y6) Open/Shorted

C1303 Right Front Axle Solenoid Valve (Hold) Open/Shorted

C1311 Switchover Solenoid Valve (Release) Open/Shorted

C1312 Master Cylinder Switchover Valve

C1401 High Pressure Return Pump Circuit Open/Shorted; Will Not Shut Off

C1501 SPS P-Valve

C1504 BAS light, play in steering column causes steering angle sensor to lose memory(?)

C1512 Brakes Overheated

C1600 Temperature After Engine Is Turned Off

Diagnostic Trouble Code: ME(Sim-4) Engine 111

N1112 Lost Communication between D2B master and other device

Powertrain

P0100 Hot-film mass-air sensor ME-SFI

P0100 Mass or Volume Air Flow Circuit Malfunction

P0101 Mass or Volume Air Flow Circuit Range/Performance Problem

P0102 Mass or Volume Air Flow Circuit Low Input

P0103 Mass or Volume Air Flow Circuit High Input

P0104 Mass or Volume Air Flow Circuit Intermittent

P0105 Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction

P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem

P0106 Pressure sensor ME-SFI Intake manifold pressure

P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input

P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input

P0109 Intake Air Temperature Circuit Malfunction

P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent

P0111 Intake Air Temperature Circuit Range/Performance Problem

P0112 Intake Air Temperature Circuit Low Input

P0113 Intake Air Temperature Circuit High Input

P0114 Intake Air Temperature Circuit Intermittent

P0115 Engine Coolant Temperature Circuit Malfunction

P0116 Engine Coolant Temperature Circuit Range/Performance Problem

P0117 Engine Coolant Temperature Circuit Low Input

P0118 Engine Coolant Temperature Circuit High Input

P0119 Engine Coolant Temperature Circuit Intermittent

P0120 Throttle/Petal Position Sensor/Switch A Circuit Malfunction

P0121 Throttle/Petal Position Sensor/Switch A Circuit Range/Performance Problem

P0122 Throttle/Petal Position Sensor/Switch A Circuit Low Input

P0123 Throttle/Petal Position Sensor/Switch A Circuit High Input

P0124 Throttle/Petal Position Sensor/Switch A Circuit Intermittent

P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control

P0126 Insufficient Coolant Temperature for Stable Operation

P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)

P0131 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)

P0132 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)

P0133 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)

P0134 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)

P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)

P0137 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)

P0138 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)

P0139 O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)

P0140 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)

P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)

P0142 O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)

P0143 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)

P0144 O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)

P0145 O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)

P0146 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)

P0147 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)

P0150 O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)

P0151 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)

P0152 O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)

P0153 O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)

P0154 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)

P0155 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)

P0156 O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)

P0157 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)

P0158 O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)

P0159 O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)

P0160 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)

P0161 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)

P0162 O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)

P0163 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)

P0164 O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)

P0165 O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)

P0166 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)

P0167 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)

P0170 Fuel Trim Malfunction (Bank 1)) check vaccum leaks first or

P0171 System too Lean (Bank 1)) faulty air mass flow sensor

P0172 System too Rich (Bank 1))

P0173 Fuel Trim Malfunction (Bank 2))

P0174 System too Lean (Bank 2))

P0175 System too Rich (Bank 2))

P0176 Fuel Composition Sensor Circuit Malfunction

P0177 Fuel Composition Sensor Circuit Range/Performance

P0178 Fuel Composition Sensor Circuit Low Input

P0179 Fuel Composition Sensor Circuit High Input

P0180 Fuel Temperature Sensor A Circuit Malfunction

P0181 Fuel Temperature Sensor A Circuit Range/Performance

P0182 Fuel Temperature Sensor A Circuit Low Input

P0183 Fuel Temperature Sensor A Circuit High Input

P0184 Fuel Temperature Sensor A Circuit Intermittent

P0185 Fuel Temperature Sensor B Circuit Malfunction

P0186 Fuel Temperature Sensor B Circuit Range/Performance

P0187 Fuel Temperature Sensor B Circuit Low Input

P0188 Fuel Temperature Sensor B Circuit High Input

P0189 Fuel Temperature Sensor B Circuit Intermittent

P0190 Fuel Rail Pressure Sensor Circuit Malfunction

P0191 Fuel Rail Pressure Sensor Circuit Range/Performance

P0192 Fuel Rail Pressure Sensor Circuit Low Input

P0193 Fuel Rail Pressure Sensor Circuit High Input

P0194 Fuel Rail Pressure Sensor Circuit Intermittent

P0195 Engine Oil Temperature Sensor Malfunction

P0196 Engine Oil Temperature Sensor Range/Performance

P0197 Engine Oil Temperature Sensor Low

P0198 Engine Oil Temperature Sensor High

P0199 Engine Oil Temperature Sensor Intermittent

P0200 Injector Circuit Malfunction

P0201 Injector Circuit Malfunction Cylinder 1

P0202 Injector Circuit Malfunction Cylinder 2

P0203 Injector Circuit Malfunction Cylinder 3

P0204 Injector Circuit Malfunction Cylinder 4

P0205 Injector Circuit Malfunction Cylinder 5

P0206 Injector Circuit Malfunction Cylinder 6

P0207 Injector Circuit Malfunction Cylinder 7

P0208 Injector Circuit Malfunction Cylinder 8

P0209 Injector Circuit Malfunction Cylinder 9

P0210 Injector Circuit Malfunction Cylinder 10

P0211 Injector Circuit Malfunction Cylinder 11

P0212 Injector Circuit Malfunction Cylinder 12

P0213 Cold Start Injector 1 Malfunction

P0214 Cold Start Injector 2 Malfunction

P0215 Engine Shutoff Solenoid Malfunction

P0216 Injection Timing Control Circuit Malfunction

P0217 Engine Overtemp Condition

P0218 Transmission Over Temperature Condition

P0219 Engine Overspeed Condition

P0220 Throttle/Petal Position Sensor/Switch B Circuit Malfunction

P0221 Throttle/Petal Position Sensor/Switch B Circuit Range/Performance Problem

P0222 Throttle/Petal Position Sensor/Switch B Circuit Low Input

P0223 Throttle/Petal Position Sensor/Switch B Circuit High Input

P0224 Throttle/Petal Position Sensor/Switch B Circuit Intermittent

P0225 Throttle/Petal Position Sensor/Switch C Circuit Malfunction

P0226 Throttle/Petal Position Sensor/Switch C Circuit Range/Performance Problem

P0227 Throttle/Petal Position Sensor/Switch C Circuit Low Input

P0228 Throttle/Petal Position Sensor/Switch C Circuit High Input

P0229 Throttle/Petal Position Sensor/Switch C Circuit Intermittent

P0230 Fuel Pump Primary Circuit Malfunction

P0231 Fuel Pump Secondary Circuit Low

P0232 Fuel Pump Secondary Circuit High

P0233 Fuel Pump Secondary Circuit Intermittent

P0234 Engine Overboost Condition

P0235 Turbocharger Boost Sensor A Circuit Malfunction

P0236 Turbocharger Boost Sensor A Circuit Range/Performance

P0237 Turbocharger Boost Sensor A Circuit Low

P0238 Turbocharger Boost Sensor A Circuit High

P0239 Turbocharger Boost Sensor B Malfunction

P0240 Turbocharger Boost Sensor B Circuit Range/Performance

P0241 Turbocharger Boost Sensor B Circuit Low

P0242 Turbocharger Boost Sensor B Circuit High

P0243 Turbocharger Wastegate Solenoid A Malfunction

P0244 Turbocharger Wastegate Solenoid A Range/Performance

P0245 Turbocharger Wastegate Solenoid A Low

P0246 Turbocharger Wastegate Solenoid A High

P0247 Turbocharger Wastegate Solenoid B Malfunction

P0248 Turbocharger Wastegate Solenoid B Range/Performance

P0249 Turbocharger Wastegate Solenoid B Low

P0250 Turbocharger Wastegate Solenoid B High

P0251 Injection Pump Fuel Metering Control □A□ Malf

P0252 Injection Pump Fuel Metering Control □A□ Range/Performance (Cam/Rotor/Injector)

P0253 Injection Pump Fuel Metering Control □A□ Low (Cam/Rot

P0254 Injection Pump Fuel Metering Control □A□ High (Cam/R

P0255 Injection Pump Fuel Metering Control □A□ Int

P0256 Injection Pump Fuel Metering Control □B□ Malf

P0257 Injection Pump Fuel Metering Control □B□ Range/Performance (Cam/Rotor/Injector)

P0258 Injection Pump Fuel Metering Control □B□ Low (Cam/Rot

P0259 Injection Pump Fuel Metering Control □B□ High (Cam/R

P0260 Injection Pump Fuel Metering Control □B□ Intermittent (C

P0261 Cylinder 1 Injector Circuit Low

P0262 Cylinder 1 Injector Circuit High

P0263 Cylinder 1 Contribution/Balance Fault

P0264 Cylinder 2 Injector Circuit Low

P0265 Cylinder 2 Injector Circuit High

P0266 Cylinder 2 Contribution/Balance Fault

P0267 Cylinder 3 Injector Circuit Low

P0268 Cylinder 3 Injector Circuit High

P0269 Cylinder 3 Contribution/Balance Fault

P0270 Cylinder 4 Injector Circuit Low

P0271 Cylinder 4 Injector Circuit High

P0272 Cylinder 4 Contribution/Balance Fault

P0273 Cylinder 5 Injector Circuit Low

P0274 Cylinder 5 Injector Circuit High

P0275 Cylinder 5 Contribution/Balance Fault

P0276 Cylinder 6 Injector Circuit Low

P0277 Cylinder 6 Injector Circuit High

P0278 Cylinder 6 Contribution/Balance Fault

P0279 Cylinder 7 Injector Circuit Low

P0280 Cylinder 7 Injector Circuit High

P0281 Cylinder 7 Contribution/Balance Fault

P0282 Cylinder 8 Injector Circuit Low

P0283 Cylinder 8 Injector Circuit High

P0284 Cylinder 8 Contribution/Balance Fault

P0285 Cylinder 9 Injector Circuit Low

P0286 Cylinder 9 Injector Circuit High

P0287 Cylinder 9 Contribution/Balance Fault

P0288 Cylinder 10 Injector Circuit Low

P0289 Cylinder 10 Injector Circuit High

P0290 Cylinder 10 Contribution/Balance Fault

P0291 Cylinder 11 Injector Circuit Low

P0292 Cylinder 11 Injector Circuit High

P0293 Cylinder 11 Contribution/Balance Fault

P0294 Cylinder 12 Injector Circuit Low

P0295 Cylinder 12 Injector Circuit High

P0296 Cylinder 12 Contribution/Range Fault

P0300 Random/Multiple Cylinder Misfire Detected

P0301 Cylinder 1 Misfire Detected

P0302 Cylinder 2 Misfire Detected

P0303 Cylinder 3 Misfire Detected

P0304 Cylinder 4 Misfire Detected

P0305 Cylinder 5 Misfire Detected

P0306 Cylinder 6 Misfire Detected

P0307 Cylinder 7 Misfire Detected

P0308 Cylinder 8 Misfire Detected

P0309 Cylinder 9 Misfire Detected

P0311 Cylinder 11 Misfire Detected

P0312 Cylinder 12 Misfire Detected

P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction

P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance

P0322 Ignition/Distributor Engine Speed Input Circuit No Signal

P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent

P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)

P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)

P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)

P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)

P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)

P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)

P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)

P0332 Knock Sensor 2 Circuit Low Input (Bank 2)

P0333 Knock Sensor 2 Circuit High Input (Bank 2)

P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)

P0335 Crankshaft Position Sensor A Circuit Malfunction (L5)

P0336 Crankshaft Position Sensor A Circuit Range/Performance

P0337 Crankshaft Position Sensor A Circuit Low Input

P0338 Crankshaft Position Sensor A Circuit High Input

P0339 Crankshaft Position Sensor A Circuit Intermittent

P0340 Camshaft Position Sensor Circuit Malfunction

P0341 Camshaft Position Sensor Circuit Range/Performance

P0342 Camshaft Position Sensor Circuit Low Input

P0343 Camshaft Position Sensor Circuit High Input

P0344 Camshaft Position Sensor Circuit Intermittent

P0350 Ignition Coil Primary/Secondary Circuit Malfunction

P0351 Ignition Coil A Primary/Secondary Circuit Malfunction

P0352 Ignition Coil B Primary/Secondary Circuit Malfunction

P0353 Ignition Coil C Primary/Secondary Circuit Malfunction

P0354 Ignition Coil D Primary/Secondary Circuit Malfunction

P0355 Ignition Coil E Primary/Secondary Circuit Malfunction

P0356 Ignition Coil F Primary/Secondary Circuit Malfunction

P0357 Ignition Coil G Primary/Secondary Circuit Malfunction

P0358 Ignition Coil H Primary/Secondary Circuit Malfunction

P0359 Ignition Coil I Primary/Secondary Circuit Malfunction

P0360 Ignition Coil J Primary/Secondary Circuit Malfunction

P0361 Ignition Coil K Primary/Secondary Circuit Malfunction

P0362 Ignition Coil L Primary/Secondary Circuit Malfunction

P0370 Timing Reference High Resolution Signal A Malfunction

P0371 Timing Reference High Resolution Signal A Too Many Pulses

P0372 Timing Reference High Resolution Signal A Too Few Pulses

P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses

P0374 Timing Reference High Resolution Signal A No Pulses

P0375 Timing Reference High Resolution Signal B Malfunction

P0376 Timing Reference High Resolution Signal B Too Many Pulses

P0377 Timing Reference High Resolution Signal B Too Few Pulses

P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses

P0379 Timing Reference High Resolution Signal B No Pulses

P0380 Glow Plug/Heater Circuit □A□ Malfunction

P0381 Glow Plug/Heater Indicator Circuit Malfunction

P0382 Exhaust Gas Recirculation Flow Malfunction

P0385 Crankshaft Position Sensor B Circuit Malfunction

P0386 Crankshaft Position Sensor B Circuit Range/Performance

P0387 Crankshaft Position Sensor B Circuit Low Input

P0388 Crankshaft Position Sensor B Circuit High Input

P0389 Crankshaft Position Sensor B Circuit Intermittent

P0400 Exhaust Gas Recirculation Flow Malfunction

P0401 Exhaust Gas Recirculation Flow Insufficient Detected

P0402 Exhaust Gas Recirculation Flow Excessive Detected

P0403 Exhaust Gas Recirculation Circuit Malfunction

P0404 Exhaust Gas Recirculation Circuit Range/Performance

P0405 Exhaust Gas Recirculation Sensor A Circuit Low

P0406 Exhaust Gas Recirculation Sensor A Circuit High

P0407 Exhaust Gas Recirculation Sensor B Circuit Low

P0408 Exhaust Gas Recirculation Sensor B Circuit High

P0410 Secondary Air Injection System Malfunction

P0411 Secondary Air Injection System Incorrect Flow Detected

P0412 Secondary Air Injection System Switching Valve A Circuit Malfunction

P0413 Secondary Air Injection System Switching Valve A Circuit Open

P0414 Secondary Air Injection System Switching Valve A Circuit Shorted

P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction

P0416 Secondary Air Injection System Switching Valve B Circuit Open

P0417 Secondary Air Injection System Switching Valve B Circuit Shorted

P0418 Secondary Air Injection System Relay "A" Circuit Malfuncti

P0419 Secondary Air Injection System Relay "B" Circuit Malfuncti

P0420 Catalyst System Efficiency Below Threshold (Bank 1)

P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)

P0422 Main Catalyst Efficiency Below Threshold (Bank 1)

P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)

P0424 Heated Catalyst Temperature Below Threshold (Bank 1)

P0430 Catalyst System Efficiency Below Threshold (Bank 2)

P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)

P0432 Main Catalyst Efficiency Below Threshold (Bank 2)

P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)

P0434 Heated Catalyst Temperature Below Threshold (Bank 2)

P0440 Evaporative Emission Control System Malfunction

P0441 Evaporative Emission Control System Incorrect Purge Flow

P0442 Evaporative Emission Control System Leak Detected (small leak)

P0443 Evaporative Emission Control System Purge Control Valve Circuit Malfunction

P0444 Evaporative Emission Control System Purge Control Valve Circuit Open

P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted

P0446 Evaporative Emission Control System Vent Control Circuit Malfunction

P0447 Evaporative Emission Control System Vent Control Circuit Open

P0448 Evaporative Emission Control System Vent Control Circuit Shorted

P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction

P0450 Evaporative Emission Control System Pressure Sensor Malfunction

P0451 Evaporative Emission Control System Pressure Sensor Range/Performance

P0452 Evaporative Emission Control System Pressure Sensor Low Input

P0453 Evaporative Emission Control System Pressure Sensor High Input

P0454 Evaporative Emission Control System Pressure Sensor Intermittent

P0455 Evaporative Emission Control System Leak Detected (gross leak)

P0460 Fuel Level Sensor Circuit Malfunction

P0461 Fuel Level Sensor Circuit Range/Performance

P0462 Fuel Level Sensor Circuit Low Input

P0463 Fuel Level Sensor Circuit High Input

P0464 Fuel Level Sensor Circuit Intermittent

P0465 Purge Flow Sensor Circuit Malfunction

P0466 Purge Flow Sensor Circuit Range/Performance

P0467 Purge Flow Sensor Circuit Low Input

P0468 Purge Flow Sensor Circuit High Input

P0469 Purge Flow Sensor Circuit Intermittent

P0470 Exhaust Pressure Sensor Malfunction

P0471 Exhaust Pressure Sensor Range/Performance

P0472 Exhaust Pressure Sensor Low

P0473 Exhaust Pressure Sensor High

P0474 Exhaust Pressure Sensor Intermittent

P0475 Exhaust Pressure Control Valve Malfunction

P0476 Exhaust Pressure Control Valve Range/Performance

P0477 Exhaust Pressure Control Valve Low

P0478 Exhaust Pressure Control Valve High

P0479 Exhaust Pressure Control Valve Intermittent

P0480 Cooling Fan 1 Control Circuit Malfunction

P0481 Cooling Fan 2 Control Circuit Malfunction

P0482 Cooling Fan 3 Control Circuit Malfunction

P0483 Cooling Fan Rationality Check Malfunction

P0484 Cooling Fan Circuit Over Current

P0485 Cooling Fan Power/Ground Circuit Malfunction

P0500 Vehicle Speed Sensor Malfunction

P0501 Vehicle Speed Sensor Range/Performance

P0502 Vehicle Speed Sensor Low Input

P0503 Vehicle Speed Sensor Intermittent/Erratic/High

P0505 Idle Control System Malfunction

P0506 Idle Control System RPM Lower Than Expected

P0507 Idle Control System RPM Higher Than Expected

P0510 Closed Throttle Position Switch Malfunction

P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction

P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance

P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage

P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage

P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction

P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance

P0532 A/C Refrigerant Pressure Sensor Circuit Low Input

P0533 A/C Refrigerant Pressure Sensor Circuit High Input

P0534 Air Conditioner Refrigerant Charge Loss

P0550 Power Steering Pressure Sensor Circuit Malfunction

P0551 Power Steering Pressure Sensor Circuit Range/Performance

P0552 Power Steering Pressure Sensor Circuit Low Input

P0553 Power Steering Pressure Sensor Circuit High Input

P0554 Power Steering Pressure Sensor Circuit Intermittent

P0560 System Voltage Malfunction

P0561 System Voltage Unstable

P0562 System Voltage Low

P0563 System Voltage High

P0565 Cruise Control On Signal Malfunction

P0566 Cruise Control Off Signal Malfunction

P0567 Cruise Control Resume Signal Malfunction

P0568 Cruise Control Set Signal Malfunction

P0569 Cruise Control Coast Signal Malfunction

P0570 Cruise Control Accel Signal Malfunction

P0571 Cruise Control/Brake Switch A Circuit Malfunction

P0572 Cruise Control/Brake Switch A Circuit Low

P0573 Cruise Control/Brake Switch A Circuit High

P0574 Cruise Control Related Malfunction

P0575 Cruise Control Related Malfunction

P0576 Cruise Control Related Malfunction

P0578 Cruise Control Related Malfunction

P0579 Cruise Control Related Malfunction

P0580 Cruise Control Related Malfunction

P0600 Serial Communication Link Malfunction

P0601 Internal Control Module Memory Check Sum Error

P0602 Control Module Programming Error

P0603 Internal Control Module Keep Alive Memory (KAM) Error

P0604 Internal Control Module Random Access Memory (RAM) Error

P0605 Internal Control Module Read Only Memory (ROM) Error

P0606 PCM Processor Fault

P0608 Control Module VSS Output □A□ Malfunction

P0609 Control Module VSS Output □B□ Malfunction

P0620 Generator Control Circuit Malfunction

P0621 Generator Lamp □L□ Control Circuit Malfunction

P0622 Generator Field □F□ Control Circuit Malfunction

P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction

P0654 Engine RPM Output Circuit Malfunction

P0655 Engine Hot Lamp Output Control Circuit Malfucntion

P0656 Fuel Level Output Circuit Malfunction

P0700 Transmission Control System Malfunction

P0701 Transmission Control System Range/Performance

P0702 Transmission Control System Electrical

P0703 Torque Converter/Brake Switch B Circuit Malfunction

P0704 Clutch Switch Input Circuit Malfunction

P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)

P0706 Transmission Range Sensor Circuit Range/Performance

P0707 Transmission Range Sensor Circuit Low Input

P0708 Transmission Range Sensor Circuit High Input

P0709 Transmission Range Sensor Circuit Intermittent

P0710 Transmission Fluid Temperature Sensor Circuit Malfunction

P0711 Transmission Fluid Temperature Sensor Circuit Range/Performance

P0712 Transmission Fluid Temperature Sensor Circuit Low Input

P0713 Transmission Fluid Temperature Sensor Circuit High Input

P0714 Transmission Fluid Temperature Sensor Circuit Intermittent

P0715 Input/Turbine Speed Sensor Circuit Malfunction

P0716 Input/Turbine Speed Sensor Circuit Range/Performance

P0717 Input/Turbine Speed Sensor Circuit No Signal

P0718 Input/Turbine Speed Sensor Circuit Intermittent

P0719 Torque Converter/Brake Switch B Circuit Low

P0720 Output Speed Sensor Circuit Malfunction

P0721 Output Speed Sensor Range/Performance

P0722 Output Speed Sensor No Signal

P0723 Output Speed Sensor Intermittent

P0724 Torque Converter/Brake Switch B Circuit High

P0725 Engine Speed input Circuit Malfunction

P0726 Engine Speed Input Circuit Range/Performance

P0727 Engine Speed Input Circuit No Signal

P0728 Engine Speed Input Circuit Intermittent

P0730 Incorrect Gear Ratio

P0731 Gear 1 Incorrect ratio

P0732 Gear 2 Incorrect ratio

P0733 Gear 3 Incorrect ratio

P0734 Gear 4 Incorrect ratio

P0735 Gear 5 Incorrect ratio

P0736 Reverse incorrect gear ratio

P0740 Torque Converter Clutch Circuit Malfuction

P0741 Torque Converter Clutch Circuit Performance or Stuck Off

P0742 Torque Converter Clutch Circuit Stuck On

P0743 Torque Converter Clutch Circuit Electrical

P0744 Torque Converter Clutch Circuit Intermittent

P0745 Pressure Control Solenoid Malfunction

P0746 Pressure Control Solenoid Performance or Stuck Off

P0747 Pressure Control Solenoid Stuck On

P0748 Pressure Control Solenoid Electrical

P0749 Pressure Control Solenoid Intermittent

P0750 Shift Solenoid A Malfunction

P0751 Shift Solenoid A Performance or Stuck Off

P0752 Shift Solenoid A Stuck On

P0753 Shift Solenoid A Electrical

P0754 Shift Solenoid A Intermittent

P0755 Shift Solenoid B Malfunction

P0756 Shift Solenoid B Performance or Stuck Off

P0757 Shift Solenoid B Stuck On

P0758 Shift Solenoid B Electrical

P0759 Shift Solenoid B Intermittent

P0760 Shift Solenoid C Malfunction

P0761 Shift Solenoid C Performance or Stuck Off

P0762 Shift Solenoid C Stuck On

P0763 Shift Solenoid C Electrical

P0764 Shift Solenoid C Intermittent

P0765 Shift Solenoid D Malfunction

P0766 Shift Solenoid D Performance or Stuck Off

P0767 Shift Solenoid D Stuck On

P0768 Shift Solenoid D Electrical

P0769 Shift Solenoid D Intermittent

P0770 Shift Solenoid E Malfunction

P0771 Shift Solenoid E Performance or Stuck Off

P0772 Shift Solenoid E Stuck On

P0773 Shift Solenoid E Electrical

P0774 Shift Solenoid E Intermittent

P0780 Shift Malfunction

P0781 1-2 Shift Malfunction

P0782 2-3 Shift Malfunction

P0783 3-4 Shift Malfunction

P0784 4-5 Shift Malfunction

P0785 Shift/Timing Solenoid Malfunction

P0786 Shift/Timing Solenoid Range/Performance

P0787 Shift/Timing Solenoid Low

P0788 Shift/Timing Solenoid High

P0789 Shift/Timing Solenoid Intermittent

P0790 Normal/Performance Switch Circuit Malfunction

P0801 Reverse Inhibit Control Circuit Malfunction

P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction

P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction

P0805 Clutch Position Sensor Circuit Malfunction

P0806 Clutch Position Sensor Circuit Range/Performance

P0807 Clutch Position Sensor Circuit Low

P0808 Clutch Position Sensor Circuit High

P0809 Clutch Position Sensor Circuit Intermittent Ckt

P0810 Clutch Position Control Malfunction

P0811 Clutch Slippage Excessive

P0812 Reverse Input Circuit Malfunction

P0813 Reverse Output Circuit Malfunction

P0814 Trans Range Display Circuit Malfunction

P0815 Upshift Switch Circuit Malfunction

P0816 Downshift Switch Circuit Malfunction

P0817 Starter Disable Circuit

P0818 Driveline Disconn. Switch Input

P0820 Gear Lever X-Y Sensor Circuit

P0821 Gear Lever X Sensor Circuit

P0822 Gear Lever Y Sensor Circuit

P0823 Gear Lever X Sensor Circuit Intermittent Ckt

P0824 Gear Lever Y Sensor Circuit Intermittent Ckt

P0830 Clutch Position Switch A Circuit Malfunction

P0831 Clutch Position Switch A Circuit Low

P0832 Clutch Position Switch A Circuit High

P0833 Clutch Position Switch B Circuit Malfunction

P0834 Clutch Position Switch B Circuit Low

P0835 Clutch Position Switch B Circuit High

P0836 4 Wheel Drive Switch Circuit Malfunction

P0837 4 Wheel Drive Switch CKT Range/Perf

P0838 4 Wheel Drive Switch Circuit Low

P0839 4 Wheel Drive Switch Circuit High

P0840 Trans Fluid Press Sensor/Switch A Circuit Malfunction

P0841 Trans Fluid Press Sensor/Switch A CKT Range/Perf

P0842 Trans Fluid Press Sensor/Switch A Circuit Low

P0843 Trans Fluid Press Sensor/Switch A Circuit High

P0844 Trans Fluid Press Sensor/Switch A CKT Intermittent

P0845 Trans Fluid Press Sensor/Switch B Circuit Malfunction

P0846 Trans Fluid Press Sensor/Switch B CKT Range/Perf

P0847 Trans Fluid Press Sensor/Switch B Circuit Low

P0848 Trans Fluid Press Sensor/Switch B Circuit High

P0849 Trans Fluid Press Sensor/Switch B CKT Intermittent

P1000 Electronic Gear Selector Module: Defective N15/5

P1031 component G3/3 (O2-in CAT front left detector) and G3/4 (O2-in CAT front right detector) exchange

P1032 O2 sensors upstream TWC mixed up G3/3,G3/4

P1105 Altitude pressure sensor control module

P1105 Atmospheric pressure sensor Readout too large.

P1105 Atmospheric pressure sensor Readout too small.

P1105 high pressure sensor controller

P1146 left HF type AFM sensor (B2/6)

P1147 left coolant temperature sensor (B11/9)

P1148 left intake air temperature sensor (B17/5)

P1149 left pressure sensor (B28/1)

P1162 left regulation part practical potentiometer

P1163 engine oil condition control switch (S43)

P1163 Oil sensor:engine oil level implausible (B10)

P1176 engine oil sensor (B40)

P1176 Oil pressure sensor malfunction (B10)

P1177 engine oil sensor (B40) engine oil temperature error

P1177 Oil sensor:engine oil temperature implausible (B10)

P1178 engine oil sensor (B40) engine oil condition error

P1178 Oil sensor:engine oil level implausible (B10)

P1179 engine oil sensor (B40) engine oil quality error

P1179 Oil sensor:engine oil quality implausible (B10)

P1180 engine oil sensor (B40) engine oil temperature too high

P1180 Oil sensor:engine oil temperature too high (B10)

P1181 Electric induction fan Engine/AC malfunction (M34)

P1181 engine/A/C electronic suction device (M4/3) rating RPM error

P1183 Malfunction right cylinder shut-off output stage

P1184 Malfunction left cylinder shut-off output stage

P1185 engine oil sensor (B40) water in engine oil

P1185 Oil sensor:water in engine oil (B10)

P1186 Safety fuel shut-off

P1187 fuel rail pressure inspection

P1187 Rail pressure monitoring Control variation < 1500/min (rpm)

P1187 Rail pressure monitoring Control variation > 1500/min (rpm)

P1187 Rail pressure monitoring Leakage

P1187 Rail pressure monitoring The maximum pressure has been exceeded.

P1187 Rail pressure monitoring The pressure control valve jams in the closed position.

P1187 Rail pressure monitoring The rail pressure cannot be built up.

P1187 Rail pressure monitoring The rail pressure is too low.

P1189 Inlet port shutoff M55 (Inlet port shutoff motor)

P1189 Inlet port shutoff Open circuit

P1189 Inlet port shutoff Short circuit

P1189 Inlet port shutoff The flaps jam in the closed position.

P1189 Inlet port shutoff The flaps jam in the open position.

P1189 intake air turnoff switch valve Y83

P1190 Fuel pressure control valve N3/9 (CDI control module)

P1190 Fuel pressure control valve Open circuit

P1190 Fuel pressure control valve Short circuit

P1190 fuel pressure regulation valve Y74

P1192 B40 (Oil sensor (oil level,temperature and quality)) Oil level is implausible.

P1192 B40 (Oil sensor (oil level,temperature and quality)) Oil quality is implausible.

P1192 B40 (Oil sensor (oil level,temperature and quality)) Oil temperature is implausible.

P1192 B40 (Oil sensor (oil level,temperature and quality)) Period error of oil sensor

P1192 B40 (Oil sensor (oil level,temperature and quality)) Short circuit/Open circuit

P1192 B40 (Oil sensor (oil level,temperature and quality)) Synchronization pause is breached.

P1192 B40 (Oil sensor (oil level,temperature and quality)) The supply voltage is too high or too low.

P1192 B40 (Oil sensor (oil level,temperature and quality)) Water in engine oil
P1192 engine oil sensor B40

P1220 Fuel metering control Y23/1

P1221 CAN communication if faulty.Fault of ETC over CAN

P1221 CAN communication is faulty.Fault of traction system over CAN

P1221 CAN reception from ASR/ETC/ESP

P1221 CAN signal from ASR/EGS/ESP

P1222 accelerator pedal position sensor B37

P1222 B37 (Pedal value sensor) Sensor 1 Plausibility 1

P1222 B37 (Pedal value sensor) Sensor 1 Plausibility 2

P1222 B37 (Pedal value sensor) Sensor 1 Plausibility 3

P1222 B37 (Pedal value sensor) Sensor 1 The signal voltage is too high.

P1222 B37 (Pedal value sensor) Sensor 1 The signal voltage is too low.

P1222 B37 (Pedal value sensor) Sensor 1 The supply voltage is too high or too low.

P1222 Potentiometer R25/2

P1223 Distributer shaft position sensor Y23/2|2

P1223 Fuel rack travel sensor or slide valve position sensor Y23/11

P1224 Fuel metering control

P1225 Intake pressure control

P1225 Resonance intake manifold switchover valve (Y77)

P1226 Cam ring position sensor Y23/2|1

P1227 Distributer shaft position sensor Y23/2|2

P1228 Injection pump quantity stop

P1228 yet unknown code on 1997 C 220 CDI

P1229 Balancing resistor Y23/2r2

P1230 Cam ring position sensor Y23/2|1

P1233 Throttle valve actuator jamming (iced up) M16/6

P1234 accelerator pedal position sensor B37

P1234 B37 (Pedal value sensor) Sensor 2 IMPLAUSIBLE Sensor 1/2

P1234 B37 (Pedal value sensor) Sensor 2 The signal voltage is too high.

P1234 B37 (Pedal value sensor) Sensor 2 The signal voltage is too low.

P1234 B37 (Pedal value sensor) Sensor 2 The supply voltage is too high or too low.

P1235 Recirculated air flap signal output stage

P1236 Compressor output stage magnetic coupling

P1237 read traction control system fault memory

P1300 left crankshaft position sensor (L5/4)

P1330 start control

P1330 Starter control

P1330 Starter control Attempt at starting without circuit 50

P1330 Starter control Open circuit

P1330 Starter control Short circuit

P1335 Crankshaft position sensor L5/6

P1335 L5 (Crankshaft position sensor) Overspeed detection

P1335 L5 (Crankshaft position sensor) Plausibility 1

P1335 L5 (Crankshaft position sensor) Plausibility 2

P1350 Injection advance solenoid valve

P1351 Start of delivery /injection control loop

P1352 Needle lift motion sensor B27

P1353 Working speed control

P1354 deflexion angle between camshaft and crankshaft

P1354 Synchronization between crankshaft and camshaft Frequency of camshaft signal is too high.

P1354 Synchronization between crankshaft and camshaft Main injection correction is faulty.

P1354 Synchronization between crankshaft and camshaft No camshaft signal.

P1354 Synchronization between crankshaft and camshaft No crankshaft signal.

P1354 Synchronization between crankshaft and camshaft Plausibility

P1354 Synchronization between crankshaft and camshaft The flow limiter has been activated.

P1355 component Y80 (valve OFF,right cylinder) can not be off while cylinder is cut-off (OFF)

P1356 component Y81 (valve OFF,left cylinder) can not be off while cylinder is cut-off (OFF)

P1357 cylinder cut-off (function link):cylinder intake valve still works when cylinder is cut-off (ON)

P1358 cylinder 5 exhaust valve can not work when cylinder is cut-off (OFF)(function link)

P1359 cylinder 2 exhaust valve can not work when cylinder is cut-off (OFF)(function link)

P1360 cylinder 3 exhaust valve can not work when cylinder is cut-off (OFF)(function link)

P1361 cylinder 8 exhaust valve can not work when cylinder is cut-off (OFF)(function link)

P1366 Y93 (switch-over valve exhaust valve)

P1380 cylinder intake valve can not work when cylinder is cut-off (OFF)

P1384 FL knock sensor

P1385 RL knock sensor

P1386 knock control

P1386 Knock sensor system control module control stop (A61)

P1386 right remove knock regulation controller (N3/12)

P1397 left camshaft Hall sensor (B6/2)

P1400 Exhaust gas recirculation output stage (Y12)

P1401 EGR lift sensor B28/3

P1402 Exhaust gas recirculation open-loop control

P1403 Exhaust gas recirculation Flow check

P1403 exhaust gas recirculation HFM-regulation

P1403 Exhaust gas recirculation HFM-SFI-controlled

P1403 Exhaust gas recirculation Open circuit

P1403 Exhaust gas recirculation Positive control variation [Exhaust gas recirculation rate is too high.]

P1403 Exhaust gas recirculation Positive control variation [Exhaust gas recirculation rate is too low.]

P1403 Exhaust gas recirculation Short circuit

P1404 Exhaust gas recirculation AHR closed-loop control

P1411 EGR lift sensor

P1420 Air pump switchover valve (Y32)

P1420 air pump switch-over valve (Y32)

P1437 No fault text specified at present.

P1437 right CAT temperature sensor (B16/5)

P1443 left work link EGR

P1444 left CAT temperature sensor (B16/4)

P1444 No fault text specified at present.

P1453 air pump relay (K17)

P1453 Air pump relay (K17),relay module K76,fuse and relay module K40/4

P1460 Switchover valve 1 Y22 /7

P1461 Switchover valve 2 Y22 /6

P1463 left air inbreathe device inactive

P1465 Boost pressure control vacuum transducer

P1470 Charge pressure control On/off ration of actuation is too large.

P1470 Charge pressure control Open circuit

P1470 Charge pressure control Positive control variation [Charge pressure is too high.]

P1470 Charge pressure control Positive control variation [Charge pressure is too low.]

P1470 Charge pressure control Short circuit

P1470 intake air pressure regulation

P1470 Intake pressure or boost pressure control

P1475 Resonance intake manifold switchover valve Y22/6

P1476 Resonance flap intake pipe Y22/7

P1480 Preglow indicator

P1480 pre-heating control

P1481 Glow plug failure

P1481 Glow plug failure Cylinder 1

P1481 Glow plug failure Cylinder 2

P1481 Glow plug failure Cylinder 3

P1481 Glow plug failure Cylinder 4

P1481 Glow plug failure Cylinder 5

P1481 Glow plug failure Cylinder 6

P1481 Glow plug failure Cylinder 7

P1481 Glow plug failure Cylinder 8

P1481 Glow Plugs

P1481 pre-heating plug fault

P1482 Glow output stage N14/2

P1482 N14/2 (Glow output stage) Cable fault (Short circuit to ground)

P1482 N14/2 (Glow output stage) Communication fault

P1482 N14/2 (Glow output stage) Excess current

P1482 N14/2 (Glow output stage) FAULTY

P1482 N14/2 (Glow output stage) Implausible reception byte

P1482 N14/2 (Glow output stage) Incorrect diagnosis sequence

P1482 pre-heating plug output stage N14/2

P1490 left EGR device switch-over valve (Y58/2)

P1491 Refrigerant pressure in A/C system too high

P1492 Exhaust flap (not relevant if not fitted)

P1493 Exhaust flap output stage (not relevant if not fitted)

P1510-001 speed meter touch switch (S40/4)

P1510-003 MSM1 controller N3/5

P1515 maximal speed limit negative difference

P1515 maximal vehicle speed limit

P1515 Maximum speed limiter

P1519 Camshaft timing function chain

P1519 right work link camshaft control device

P1520 Cruise control switch S40

P1520 S40/4 (CC switch with variable speed limiter) Control contact alone

P1520 S40/4 (CC switch with variable speed limiter) DTR operating unit has contact short (two contacts simultaneously).

P1520 S40/4 (CC switch with variable speed limiter) Negative acceleration threshold

P1520 S40/4 (CC switch with variable speed limiter) No check contact.

P1520 S40/4 (CC switch with variable speed limiter) Operating parts signals through CAN are implausible.

P1520 S40/4 (CC switch with variable speed limiter) Positive acceleration threshold

P1520 speed controller button type switch

P1522 left work link camshaft control device

P1525 Camshaft timing actuator (Y89)

P1525 right camshaft control device regulation solenoid valve (Y49/2)

P1533 right camshaft control device regulation solenoid valve (Y49/1)

P1542 Pedal value sensor (B71)

P1550 air compressor torque error

P1551 AC compressor shut-off output stage

P1570 Fault in DAS to engine control module (A61)

P1570 Intermittant No-Start Immobiliser Module

P1570 perform start test while closedown FBS

P1570 right FBS and engine controller interfered (N3/12)

P1580 Actuator (M33)

P1580 right regulation part (M16/3)

P1581 left regulation part (M16/4)

P1584 brake light switch (S9/1)

P1587 left controller voltage (N3/11)

P1588 left FBS to ME CAN BUS interfered (N3/11)

P1589 right removing knock regulation controller (N3/11)

P1590 fuel safety cut-off device identified

P1592 ACS memory read error

P1603 CAN of EIS

P1604 CAN link to AAC

P1605 ABS RPM sensor bad channel identification CAN BUS acceleration signal

P1605 CAN acceleration info for poor road recognition from ABS speed sensor

P1610 Actuation of holding relay Relay Supply voltages switches off too late.

P1610 Actuation of holding relay Relay Supply voltages switches off too soon.

P1610 No voltage supply or overvoltage protection relay or relay module K1

P1610 security and relay module K40/4

P1611 Control module

P1611 controller N3/9

P1611 N3/9 (CDI control module) Sensor supply voltage 1 Readout too large

P1611 N3/9 (CDI control module) Sensor supply voltage 1 Readout too small

P1612 Control module Kl 15

P1612 signal Kl15

P1612 Voltage terminal 15

P1612 Voltage terminal 15 Analysis circuit is faulty.

P1613 Control module

P1613 controller N3/9

P1613 N3/9 (CDI control module) Stabilization Lower stabilization limit

P1613 N3/9 (CDI control module) Stabilization Upper stabilization limit

P1614 Control module or fuel metering control or fuel rack sensor or slide valve sensor

P1614 controller N3/9

P1614 N3/9 (CDI control module) Microcontroller COMMUNICATION 1

P1614 N3/9 (CDI control module) Microcontroller COMMUNICATION 2

P1614 N3/9 (CDI control module) Microcontroller Quantity stop

P1614 N3/9 (CDI control module) Microcontroller Recovery error

P1614 N3/9 (CDI control module) Microcontroller Shut-off monitoring

P1615 Control module supply voltage

P1615 controller supply voltage

P1615 N3/9 (CDI control module) Supply voltage Signal is too large.

P1615 N3/9 (CDI control module) Supply voltage Signal is too small.

P1616 Control module

P1617 Control module or not coded

P1617 controller N3/9 or not coded

P1617 EEPROM or incorrectly coded Adaptation values of EEPROM

P1617 EEPROM or incorrectly coded AT has been coded as MT.

P1617 EEPROM or incorrectly coded CAN was interrupted during coding.

P1617 EEPROM or incorrectly coded Codeword is incorrect or missing.

P1617 EEPROM or incorrectly coded EEPROM COMMUNICATION

P1617 EEPROM or incorrectly coded MT has been coded as AT.

P1617 EEPROM or incorrectly coded No harmonizing version number

P1618 Control module

P1619 Control module or not coded

P1622 Injection pump shut-off valve

P1622 turnoff valve Y75

P1622 Y75 (Electric switchover valve) Open circuit

P1622 Y75 (Electric switchover valve) Plausibility

P1622 Y75 (Electric switchover valve) Short circuit

P1622 Y75 Electric switchover valve open circuit

P1625 EDC diesel malfunction indicator lamp

P1626 Engine mount

P1630 drive authority signal

P1630 Drive authorization Control unit Drive authorization does not answer

P1630 Drive authorization Incorrect authentication value

P1630 Drive authorization Key used is inhibited.

P1630 Drive authorization N3/9 (CDI control module) EEPROM

P1630 Drive authorization signal

P1631 Slip detection signal

P1632 left controller (N3/11)

P1636 electric inspiration motor/air condition M4/3

P1636 Electric suction fan Open circuit

P1636 Electric suction fan Short circuit

P1642 Engine control module Incorrect coding MT coded has AT

P1643 Engine control module Incorrect coding AT coded has MT,fault in CAN of ETC

P1644 Transmission control module Undervoltage Transmission version cannot be checked

P1644 transmission variable cannot be inspected (low voltage)

P1650-001 starter short circuit to positive

P1650-002 starter discontinuity,short circuit to ground

P1661 fuel injector 1 and 4 fuel injector pressure

P1661 Injector voltage 1 Calculated voltage below threshold

P1661 Injector voltage 1 Overvoltage

P1661 Injector voltage 1 Readout too large

P1661 Injector voltage 1 Readout too small

P1661 Injector voltage 1 Undervoltage

P1662 fuel injector 2 and 3 fuel injector pressure

P1662 Injector voltage 2 Calculated voltage below threshold

P1662 Injector voltage 2 Overvoltage

P1662 Injector voltage 2 Readout too large

P1662 Injector voltage 2 Readout too small

P1662 Injector voltage 2 Undervoltage

P1663 fuel pressure regulator Y74

P1663 Y74 (Pressure control valve) The signal voltage is too high.

P1663 Y74 (Pressure control valve) The signal voltage is too low.

P1664 Electric heater booster equipment fault

P1664 electric heater fault

P1664 electric heater open

P1664 electric heater output stage fault

P1664 electric heater short

P1664 heater

P1664 load signal of electric heater motor implausible

P1666 cutoff control

P1666 right or left cylinder (Y80,Y81) □cylinder cut □ val on when cylinder is cut-off.

P1666 Shut-off control Fault in switching off throutgh injectors

P1666 Shut-off control Fault in switching off throutgh zero quantity

P1673-001 engine/A/C electronic suction device (M4/3) short circuit to positive

P1673-002 engine/A/C electronic suction device (M4/3) short circuit to ground

P1681 air bag signal

P1681 Airbag signal Airbag signal results in engine being switched off.

P1681 Airbag signal Short circuit to positive

P1681 Crash-Signal unplausibel

P1681-001 crash signal identification

P1681-002 crash signal short circuit to positive

P1681-003 crash signal error

P1698 A/C compressor cutoff

P1698 AC compressor shutoff CAN data transfer

P1698 AC compressor shutoff Open circuit

P1698 AC compressor shutoff Short circuit

P1699 Engine start/stop Engine start is unsuccessful.

P1699 Engine start/stop Engine stop is unsuccessful.

P1699 Engine start/stop Plausibility 1

P1699 Engine start/stop Plausibility 2

P1699 Engine start/stop Plausibility 3

P1699 Engine start/stop Plausibility clutch DOWN

P1699 Engine start/stop Plausibility clutch UP

P1705 Clutch signal or P/N position

P1705 Clutch signal or P/N position Plausibility

P1705 clutch switch

P1705 Clutch switch or starter lockout and reversing lamp switch

P1706 Transmisson neutral switch

P1747 control equipment EGS CAN-signal error.

P1747 control equipment KIW CAN-signal error.

P1747 EGS CAN BUS interfered

P1747 Electronic Gear Selector Module: Defective Interaction of CAN with control unit A1(instrument cluster)

P1750 Electronic Gear Selector Module: Very low control unit supply voltage

P1750 undervoltage

P1780 Modulating pressure switchover valve Y3/4

P1780 Modulating pressure switchover valve Y3/4 or upshift delay Y3/5

P1781 Upshift delay switchover valve Y3/5

P1813 clutch switch (S40/3) discontinuity,short circuit to ground

P1817-001 reversing light switch S16/10s1 contact point short circuit to ground

P1817-002 reversing light switch S16/10s1 contact point short circuit to positive

P1817-003 reversing light switch S16/10s1 contact point discontinuity

P1817-004 reversing light switch S16/10s1 A61 fault

P1817-005 reversing light switch S16/10s1 power voltage

P1819-001 R/P lock contact switch short circuit to ground

P1819-002 R/P lock contact switch short circuit to positive

P1819-003 R/P lock contact switch discontinuity

P1819-004 R/P lock contact switch,A61 fault

P1819-005 R/P lock contact switch supply voltage

P1822 kickdown switch (S16/6) error

P1832 Electronic Gear Selector Module: SHORT in circuit N15/5 output stage

P1840 1-4 shift solenoid valve Y3/7y1

P1841 Solenoid valve Y3/7y2 3 shift

P1842 Solenoid valve Y3/7y3 2-5-R shift

P1843 Torque converter lockup clutch (KUeB) Y3/7y4

P1844 Control solenoid valve Y3/7y5 shift pressure

P1849 Speed sensors supply voltage < 4 V

P1850 Transmission rpm sensor Y3/7n1

P1856-000 process recognition module

P1856-001 touch-function module

P1857 Gear oil temperature sensor Y3/7b1

P1858 Starter lockout contact Y3/7s1 short circuit

P1859 Supply voltage < 8.5 V or > 17 V

P1860 RR wheel speed of traction system implausible,CAN

P1861 RL wheel speed of traction system implausible,CAN

P1862 FR wheel speed of traction system implausible,CAN

P1863 FL wheel speed of traction system implausible,CAN

P1864 Accel.pedal value of motor electronics implausible,CAN

P1865 Set engine torque of motor electronics implausible,CAN

P1866 Engine speed of motor electronics implausible,CAN

P1867 Engine torque of motor electronics implausible,CAN

P1868 Altitude factor of motor electronics implausible,CAN

P1869 Max.induced engine torque of motor electronics implausible,CAN

P1871 Throttle valve value of motor electronics implausible,CAN

P1872 Fault in CAN communication with selector lever module or selector lever implausible

P1873 Fault in CAN communication with traction system

P1874 Engine oil temperature of motor electronics implausible,CAN

P1875-000 common CAN communication interfered

P1875-001 CAN communication with instrument cluster interfered

P1875-001 □255 same meaning

P1875-255 CAN communication with instrument cluster interfered

P1876 Fault in CAN communication with traction system

P1877 Fault in CAN communication with engine electronics

P1878 Fault in CAN communication with air conditioning

P1883 Transmission complete

P1886 1-4/-3 downshift PWM valve,pressure too low or 2-5-R pressure too high

P1887 1-4 or 2-5 shift slide valve jamming in pressure position,shift valve pressure too high

P1888 1-4 or 2-5 shift slide valve jamming in basic position,shift valve pressure too low

P1889 2-5-R downshift PWM valve pressure too low transmission slipping

P1890 Torque converter lockup clutch,impermissible closing

P1891 Torque converter lockup clutch,high power input

P1892 Transmission protection feedback not received

P1893 1-4/-3 downshift PWM valve,pressure too high

P1894 Control module not/incorrectly coded

P1895 Control module N15/7 faulty

P1896 Control module N15/7 faulty

P1897 Control module N15/7 faulty

P1898 Control module N15/7 faulty

P1899 Control module N15/7 faulty

P1900 Control module N15/7 faulty

P1901 Control module N15/7 faulty

P1902 Control module N15/7 faulty

P1903 Control module N15/7 faulty

P1910 Electronic Gear Selector Module: Control Unit over voltage

P1912 Electronic Gear Selector Module: Weak touch push button voltage

P1999 No fault text specified at present.

P2000 Component N15/3 (ETC control module) is faulty.

P2000 Component N15/3(ETC control module) is faulty.

P2000 N3/9 (controller CDI) [checksum:error]

P2000 N3/9 (controller CDI) component N3/9 (controller CDI) error variable code

P2000 N3/9 (controller CDI) engine synthesis characteristic curve error:error code

P2000 N3/9 (controller CDI) hardware identification error.

P2000 N3/9 (controller CDI) internal error

P2000 N3/9 (controller CDI) software □integration check□ erro

P2000 N3/9 (controller CDI) thruster controller test

P2000 N3/9 (controller CDI) variable code error.

P2000 NOx Trap Efficiency Below Threshold (Bank 1)

P2001 □ [8] PWM signal: threshold 1

P2001 P0638 [1] M16/6 (throttle valve actuator) ,: Plausibility Position Throttle valve [P0638]

P2001 P0638 [2] M16/6 (throttle valve actuator) ,: M16/6 (throttle valve actuator) , PWM signal: threshold 2 [P0638]

P2001 P0638 [4] M16/6 (throttle valve actuator) ,: M16/6 (throttle valve actuator) , PWM signal switched off [P0638]

P2001 check N3/9 (controller CDI) A/D converter.

P2001 check N3/9 (controller CDI) reference voltage

P2001 check N3/9 (controller CDI) voltage supply 1.

P2001 check N3/9 (controller CDI) voltage supply 2.

P2001 check N3/9 (controller CDI).Circuit voltage supply unit fault

P2001 Component N15/3 (ETC control module) is faulty.

P2001 Malfunction of exhaust gas recirculation (functional chain)(P0400)

P2001 N3/9 (controller CDI) reset identification error

P2001 NOx Trap Efficiency Below Threshold (Bank 2)

P2001-001 M16/6 (throttle valve regulation part),throttle valve position reliability [P0638]

P2001-002 M16/6 (throttle valve regulation part),PWM-signal:limit 2[P0638]

P2001-004 M16/6 (throttle valve regulation part),PWM-signal interrupt [P0638]

P2001-008 M16/6 (throttle valve regulation part),PWM-signal:limit 1

P2002 P0121 [16] B37 (Pedal value sensor): , Voltage of Hall sensor 1 does not agree with voltage of Hall sensor 2. [P0121]

P2002 P0122 [2] B37 (Pedal value sensor): Hall sensor 1 , Short circuit to ground / Open circuit in wiring [P0122]

P2002 P0123 [1] B37 (Pedal value sensor): Hall sensor 1 , Short circuit to positive [P0123]

P2002 P0222 [8] B37 (Pedal value sensor): Hall sensor 2 , Short circuit to ground / Open circuit in wiring [P0222]

P2002 P0223 [4] B37 (Pedal value sensor): Hall sensor 2 , Short circuit to positive [P0223]

P2002 Component N15/3(ETC control module) is faulty.

P2002 cylinder 1 lasting injection

P2002 cylinder 2 lasting injection

P2002 cylinder 3 lasting injection

P2002 cylinder 4 lasting injection

P2002 cylinder 5 lasting injection

P2002 cylinder 6 lasting injection

P2002 cylinder 7 lasting injection

P2002 cylinder 8 lasting injection

P2002-001 B37 (pedal position sensor) Hall sensor 1,positive short [P0123]

P2002-002 B37 (pedal position sensor) Hall sensor 1,short caused by open wire [P0122]

P2002-004 B37 (pedal position sensor) Hall sensor 2,positive short [P0223]

P2002-008 B37 (pedal position sensor) Hall sensor 2,short caused by open wire [P0222]

P2002-016 B37 (pedal position sensor) Hall sensor 1 voltage and Hall sensor 2 voltage not match [P0121]

P2003 [1]
the permissible range. ,: Overvoltage

P2003 [2]
the permissible range. ,: Undervoltage

P2003 check position regulator.Left air mass boost balance position on the high side

P2003 check position regulator.Right air mass boost balance position on the high side

P2003 Component N15/3(ETC control module) is faulty.

P2003 Malfunction of secondary air injection (function chain)(P0410)

P2003 Particulate Trap Efficiency Below Threshold (Bank 1)

P2003 right cylinder bank intake error (work link)(P0410)

P2003-001 controller sensor voltage supply over range,voltage too high

P2003-002 controller sensor voltage over range,voltage too high

P2004 P0106 [4] B18 (Altitude pressure sensor) Signal ,: Signal B28 (Pressure sensor) not equal to signal B18 (Altitude pressure sensor) when engine not running [P0106]

P2004 P0107 [2] B18 (Altitude pressure sensor) Signal ,: Short circuit to ground [P0107]

P2004 P0108 [1] B18 (Altitude pressure sensor) Signal ,: Short circuit to positive / Open circuit in wiring [P0108]

P2004 B2/5 (HFM sensor)(P0100)

P2004 B2/5 (Hot film MAF sensor)(P0100)

P2004 check external voltage supply.Battery voltage too high

P2004 check external voltage supply.Battery voltage too low

P2004 check external voltage supply.Control of holding relay K40/7km (relay CDI) cutoff too early.

P2004 check external voltage supply.KI.15:hardware (HW) turn-on;CAN-BUS turnoff

P2004 check external voltage supply.Relay (diesel engine voltage supply relay) cutoff too late.

P2004 Component N15/3(ETC control module) is faulty.

P2004 Particulate Trap Efficiency Below Threshold (Bank 2)

P2004-001 B18 (high pressure sensor) signal,positive/wire open cause short [P0108]

P2004-002 B18 (high pressure sensor) signal,overload short [P0107]

P2004-004 B18 (high pressure sensor) signal,engine off B28 (pressure sensor) signal and B18 (high pressure sensor) signal different[P0106]

P2005 [32]
slowly.

P2005 P0116 [8] B11/4 (Coolant temperature sensor) ,: Signal IMPLAUSIBLE [P0116]

P2005 P0117 [2] B11/4 (Coolant temperature sensor) ,: Short circuit to ground [P0117]

P2005 P0118 [1] B11/4 (Coolant temperature sensor) ,: Short circuit to positive / Open circuit in wiring [P0118]

P2005 P0119 [16] B11/4 (Coolant temperature sensor) ,: Signal IMPLAUSIBLE [P0119]

P2005 P0125 [4] B11/4 (Coolant temperature sensor) ,: Minimum engine temperature for lambda control has not been reached. [P0125]

P2005 B11/4 (Coolant temperature sensor)(P0115)

P2005 B11/4 (refrigerant temperature sensor)(P0115)

P2005 check L5 (crankshaft position sensor).Impulse number invalid

P2005 check L5 (crankshaft position sensor).Negative rotate speed grads too large

P2005 check L5 (crankshaft position sensor).Over speed

P2005 check L5 (crankshaft position sensor).Positive rotate speed grads too large

P2005 check L5 (crankshaft position sensor).Signal interrupted while operating

P2005 check L5 (crankshaft position sensor).Signal interrupted while starting

P2005 check L5 (crankshaft position sensor).Synchronization between crankshaft and camshaft implausible

P2005 Component N15/3(ETC control module) is faulty.

P2005-001 B11/4 (refrigerant temperature sensor),positive/wire open cause short [P0118]

P2005-002 B11/4 (refrigerant temperature sensor),overload short [P0117]

P2005-004 B11/4 (refrigerant temperature sensor),¦Ë adaptation required minimal engine rpm not reach [P0125]

P2005-004 B11/4 (refrigerant temperature sensor),Â¦Ã ada
engine rpm not reach [P0125]

P2005-008 B11/4 (refrigerant temperature sensor),signal error [P0116]

P2005-016 B11/4 (refrigerant temperature sensor),signal error [P0119]

P2005-032 refrigerant temperature rise too slow.[P0128]

P2006 P0112 [2] B2/5b1 (Intake air temperature sensor) Signal ,: Short circuit to ground [P0112]

P2006 P0113 [1] B2/5b1 (Intake air temperature sensor) Signal ,: Short circuit to positive / Open circuit in wiring [P0113]

P2006 B2/5b1 (intake temperature sensor) (P0110)

P2006 check B6/1 (camshaft Hall sensor). Signal too strong. Short to positive

P2006 check B6/1 (camshaft Hall sensor). Signal too weak. Short to ground

P2006 Component N15/3(ETC control module) is faulty.

P2006 fuel pre-supply pressure sensor implausible

P2006 fuel pre-supply pressure sensor signal value too large

P2006 fuel pre-supply pressure sensor signal value too small

P2006-001 B2/5b1 (outside air temperature sensor) signal, positive/wire open cause short [p0113]

P2006-002 B2/5b1 (outside air temperature sensor) signal, overload short [P0112]

P2007 B28 (Pressure sensor)(P0105)

P2007 check B11/4 (coolant temperature sensor).Dynamic check implausible.

P2007 check B11/4 (coolant temperature sensor).Signal voltage too high.

P2007 check B11/4 (coolant temperature sensor).Signal voltage too low.

P2007 Component N15/3(ETC control module) is faulty.

P2007 control fuel pre-supply pressure, reliability

P2007 inspect difference between fuel pre-supply pressure and rating pressure

P2007 inspect fuel pre-supply pressure, fuel filter break

P2007 inspect fuel pre-supply pressure, fuel pre-supply pressure too low

P2007-001 A16 (knock sensor) [P0325]

P2008 □ [1] M1
signal voltage is too high.

P2008 [2] M16/6 (throttle valve actuator) A
signal voltage is too low.

P2008 □ [4] M16/6
Comparative error to actual value potentiometer 2

P2008 □1[8] M16/6 (thro
Comparative error to signal HFM-SFI voltage

P2008 check B40 (engine oil sensor (level,temperature and quality)). Engine oil sensor intermittent error

P2008 check B40 (engine oil sensor (level,temperature and quality)). Level implausible.

P2008 check B40 (engine oil sensor (level,temperature and quality)). Not break down synchronously.

P2008 check B40 (engine oil sensor (level,temperature and quality)). Oil quality implausible.

P2008 check B40 (engine oil sensor (level,temperature and quality)). Oil temperature implausible.

P2008 check B40 (engine oil sensor (level,temperature and quality)). Short/no signal.

P2008 component G3/9 (right O2 sensor,before CAT,CYL 1-3) heating (P0135)

P2008 Component N15/3(ETC control module) is faulty.

P2008 Heating of component G3/4 (Right O2 sensor,before TWC[CAT])(P0135)

P2008 Rail pressure variation:The rail pressure is too high.

P2008 Rail pressure variation:The rail pressure is too low.

P2008-001 M16/6 (throttle valve regulation part) practical potentiometer 1,signal voltage too high.

P2008-002 M16/6 (throttle valve regulation part) practical potentiometer 1,signal voltage too low.

P2008-004 M16/6 (throttle valve regulation part) practical potentiometer 1 and practical potentiometer 2 comparison error

P2008-008 M16/6 (throttle valve regulation part) practical potentiometer 1 and HFM voltage signal comparison error

P2009 [1] M1
signal voltage is too high.

P2009 [2] M16/6 (throttle valve actuator)
signal voltage is too low.

P2009 [4] M16/6
Comparative error to actual value potentiometer 1

P2009 [8] M16/6
Comparative error to signal HFM-SFI voltage

P2009 check B4/6 (fuel rail pressure sensor).Signal voltage too high.

P2009 check B4/6 (fuel rail pressure sensor).Signal voltage too low.

P2009 component G3/13 (right O2 sensor,after CAT,CYL 1-3)(P0141)

P2009 Component N15/3(ETC control module) is faulty.

P2009 fuel water content sensor.(fuel filter)

P2009 Heating of component G3/6 (Right O2 sensor,after TWC[CAT])(P0141)

P2009-001 M16/6 (throttle valve regulation part) practical potentiometer 2,signal voltage too high.

P2009-002 M16/6 (throttle valve regulation part) practical potentiometer 2,signal voltage too low.

P2009-004 M16/6 (throttle valve regulation part) practical potentiometer 2,practical potentiometer 1 comparison error

P2009-008 M16/6 (throttle valve regulation part) practical potentiometer 2 and HFM voltage signal comparison error

P200A [1] M
initialization

P200A [2] M16/6 (
Position Emergency running

P200A [4] M16/6 (
Adaptation Emergency running

P200A [8] M
(ME-SFI control module)

P200A Component N15/3(ETC control module) is faulty.

P200A Knock sensor system of control module N3/10 (ME-SFI control module),Hardware fault

P200A-001 M16/6 (throttle valve regulation part) practical potentiometer,not initialization

P200A-002 M16/6 (throttle valve regulation part) practical potentiometer,position urgency start

P200A-004 M16/6 (throttle valve regulation part) practical potentiometer,adaptation urgency start

P200A-008 M16/6 (throttle valve regulation part) practical potentiometer,N3/10 (ME controller)

P200B P0101 [4] B2/5 (Hot film MAF sensor) ,: Plausibility error Air mass meter / Throttle valve [P0101]

P200B P0102 [2] B2/5 (Hot film MAF sensor) ,: Short circuit to ground / Open circuit in wiring [P0102]

P200B P0103 [1] B2/5 (Hot film MAF sensor) ,: Short circuit to positive [P0103]

P200B Component N15/3(ETC control module) is faulty.

P200B cylinder 1-3 CAT too weak.(P0422)

P200B The efficiency of the right catalytic converter is insufficient.(P0422)

P200B-001 B2/5 (HF type AFM sensor),positive short [P0103]

P200B-002 B2/5 (HF type AFM sensor),overload/wire open cause short [P0102]

P200B-004 B2/5 (HF type AFM sensor),air mass sensor/throttle valve reliability error [P0101]

P200C P0340 [1] B6/1 (Camshaft Hall sensor) ,: No signal [P0340]

P200C P0341 [2] B6/1 (Camshaft Hall sensor) ,: Signal IMPLAUSIBLE [P0341]

P200C Component N15/3(ETC control module) is faulty.

P200C G3/4 (Right O2 sensor,before TWC[CAT]) Aging,correction variable exceeded

P200C G3/9 (right O2 sensor,before CAT,CYL 1-3) aging,calibration program jump over

P200C-001 B6/1 (camshaft Hall sensor),no signal [P0340]

P200C-002 B6/1 (camshaft Hall sensor),signal error [P0341]

P200D P0335 [1] L5 (Crankshaft position sensor) ,: No signal [P0335]

P200D P0335 [4] L5 (Crankshaft position sensor) ,: Short circuit Signal wire / Open circuit in wiring [P0335]

P200D P0336 [2] L5 (Crankshaft position sensor) ,: Signal IMPLAUSIBLE [P0336]

P200D Component N15/3 (ETC control module) is faulty.

P200D Component N15/3(ETC control module) is faulty.

P200D G3/4 (Right O2 sensor,before TWC[CAT]) Aging,period too long (P0133)

P200D G3/9 (right O2 sensor,before CAT,CYL 1-3) aging,used too long (P0133)

P200D-001 L5 (crankshaft position sensor),no signal [P0335]

P200D-002 L5 (crankshaft position sensor),signal error [P0336]

P200D-004 L5 (crankshaft position sensor),signal line/wire interrupt cause short [P0335]

P200E P0702 [1] Fault is stored in component N15/3 (ETC control module).: [P0702]

P200E P0702 [128] Fault is stored in component N15/3 (ETC control module).: [P0702]

P200E P0743 [16] Fault is stored in component N15/3 (ETC control module).: [P0743]

P200E P0748 [32] Fault is stored in component N15/3 (ETC control module).: [P0748]

P200E P0748 [64] Fault is stored in component N15/3 (ETC control module).: [P0748]

P200E P0753 [2] Fault is stored in component N15/3 (ETC control module).: [P0753]

P200E P0758 [4] Fault is stored in component N15/3 (ETC control module).: [P0758]

P200E P0763 [8] Fault is stored in component N15/3 (ETC control module).: [P0763]

P200E G3/13 (right O2 sensor,after CAT,CYL 1-3) no special status variation

P200E G3/6 (Right O2 sensor,after TWC[CAT])

P200E-001 component N15/3 (EGS controller) trouble stored.[P0702]

P200E-002 component N15/3 (EGS controller) trouble stored.[P0753]

P200E-004 component N15/3 (EGS controller) trouble stored.[P0758]

P200E-008 component N15/3 (EGS controller) trouble stored.[P0763]

P200E-016 component N15/3 (EGS controller) trouble stored.[P0743]

P200E-032 component N15/3 (EGS controller) trouble stored.[P0748]

P200E-064 component N15/3 (EGS controller) trouble stored.[P0748]

P200E-128 component N15/3 (EGS controller) trouble stored.[P0702]

P200F P0700 [16] Fault is stored in component N15/3 (ETC control module).: [P0700]

P200F P0700 [8] Fault is stored in component N15/3 (ETC control module).: [P0700]

P200F P0705 [2] Fault is stored in component N15/3 (ETC control module).: [P0705]

P200F P0715 [1] Fault is stored in component N15/3 (ETC control module).: [P0715]

P200F P0720 [4] Fault is stored in component N15/3 (ETC control module).: [P0720]

P200F P0730 [64] Fault is stored in component N15/3 (ETC control module).: [P0730]

P200F P0740 [32] Fault is stored in component N15/3 (ETC control module).: [P0740]

P200F G3/4 (Right O2 sensor,before TWC[CAT])(P0130)

P200F G3/9 (right O2 sensor,before CAT,CYL 1-3),too small voltage up (P0130)

P200F-001 component N15/3 (EGS controller) trouble stored.[P0715]

P200F-002 component N15/3 (EGS controller) trouble stored.[P0705]

P200F-004 component N15/3 (EGS controller) trouble stored.[P0720]

P200F-008 component N15/3 (EGS controller) trouble stored.[P0700]

P200F-016 component N15/3 (EGS controller) trouble stored.[P0700]

P200F-032 component N15/3 (EGS controller) trouble stored.[P0740]

P200F-064 component N15/3 (EGS controller) trouble stored.[P0730]

P2010 P0201 [4] Y62y1 (Fuel injector cylinder 1) ,: Open circuit in wiring [P0201]

P2010 P0261 [2] Y62y1 (Fuel injector cylinder 1) ,: Short circuit to ground [P0261]

P2010 P0262 [1] Y62y1 (Fuel injector cylinder 1) ,: Short circuit to positive [P0262]

P2010 Control module N15/3(ETC control module is not coded.

P2010 G3/13 (right O2 sensor,after CAT,CYL 1-3),electrical malfunction (P0136)

P2010 G3/6 (Right O2 sensor,after TWC[CAT])(P0136)

P2010-001 Y62/y1 (cylinder 1 fuel injector),positive short [P0262]

P2010-002 Y62/y1 (cylinder 1 fuel injector),overload short [P0261]

P2010-003 Y62/y1 (cylinder 1 fuel injector),wire interrupt [P0201]

P2011 P0203 [4] Y62y3 (Fuel injector cylinder 3) ,: Open circuit in wiring [P0203]

P2011 P0267 [2] Y62y3 (Fuel injector cylinder 3) ,: Short circuit to ground [P0267]

P2011 P0268 [1] Y62y3 (Fuel injector cylinder 3) ,: Short circuit to positive [P0268]

P2011 A16/1 (Knock sensor 1,right)

P2011 check B2/6 (left hot film air flow meter).Implausible

P2011 check B2/6 (left hot film air flow meter).Signal voltage too high.

P2011 check B2/6 (left hot film air flow meter).Signal voltage too low.

P2011 check B2/6 (right hot film air flow meter).Signal voltage too high.

P2011 check B2/6 (right hot film air flow meter).Signal voltage too low.

P2011 check B2/7 (right hot film air flow meter).Implausible

P2011 check hot film air flow meter.Creditability error

P2011 The coding of the control unit N15/3 (ETC control module) is impermissible.

P2011 The coding of the control unit N15/3(ETC control module) is impermissible.

P2011-001 Y62/y3 (cylinder 3 fuel injector),positive short [P0268]

P2011-002 Y62/y3 (cylinder 3 fuel injector),overload short [P0267]

P2011-003 Y62/y3 (cylinder 3 fuel injector),wire interrupt [P0203]

P2012 P0204 [4] Y62y4 (Fuel injector cylinder 4) ,: Open circuit in wiring [P0204]

P2012 P0270 [2] Y62y4 (Fuel injector cylinder 4) ,: Short circuit to ground [P0270]

P2012 P0271 [1] Y62y4 (Fuel injector cylinder 4) ,: Short circuit to positive [P0271]

P2012 check B17 (intake air temperature sensor).Signal voltage too high.

P2012 check B17 (intake air temperature sensor).Signal voltage too low.

P2012 The checksum of the standard software status for component N15/3 (ETC control module) is missing or is not entered.

P2012 Y58/4 (Activated charcoal canister shut-off valve)(P0446)

P2012 Y58/4 (canister lock valve)(work link)(P0446)

P2012-001 Y62/y4 (cylinder 4 fuel injector),positive short [P0271]

P2012-002 Y62/y4 (cylinder 4 fuel injector),overload short [P0270]

P2012-003 Y62/y4 (cylinder 4 fuel injector),wire interrupt [P0204]

P2013 P0202 [4] Y62y2 (Fuel injector cylinder 2) ,: Open circuit in wiring [P0202]

P2013 P0264 [2] Y62y2 (Fuel injector cylinder 2) ,: Short circuit to ground [P0264]

P2013 P0265 [1] Y62y2 (Fuel injector cylinder 2) ,: Short circuit to positive [P0265]

P2013 check B28 (pressure sensor).Intake air pressure/atmosphere pressure implausible

P2013 check B28 (pressure sensor).Signal voltage too high.

P2013 check B28 (pressure sensor).Signal voltage too low.

P2013 check B28/5 (pressure sensor behind the air cleaner).Atmosphere pressure value implausible.

P2013 check B28/5 (pressure sensor behind the air cleaner).Intake air manifold pressure signal too large.

P2013 check B28/5 (pressure sensor behind the air cleaner).Intake air manifold pressure signal too small.

P2013 Component N15/3(ETC control module) is faulty.

P2013 EGR system severe leaks (P0455)

P2013 Major leak in purge system (P0455)

P2013 N3/9 (controller CDI)/atmosphere pressure sensor.Signal voltage too high.

P2013 N3/9 (controller CDI)/atmosphere pressure sensor.Signal voltage too low.

P2013-001 Y62/y2 (cylinder 2 fuel injector),positive short [P0265]

P2013-002 Y62/y2 (cylinder 2 fuel injector),overload short [P0264]

P2013-003 Y62/y2 (cylinder 2 fuel injector),wire interrupt [P0202]

P2014 P0010 [1] Y49 (Adjustable camshaft timing solenoid) ,: Short circuit to positive [P0010]

P2014 P0010 [2] Y49 (Adjustable camshaft timing solenoid) ,: Short circuit to ground [P0010]

P2014 P0010 [4] Y49 (Adjustable camshaft timing solenoid) ,: Open circuit in wiring [P0010]

P2014 P0010 [8] Y49 (Adjustable camshaft timing solenoid) ,: Mechanical fault [P0010]

P2014 check B19/3 (left catalyzer temperature sensor after supercharger).Signal voltage too high.

P2014 check B19/3 (left catalyzer temperature sensor after supercharger).Signal voltage too low.

P2014 check B19/4 (right catalyzer temperature sensor,after supercharger).Signal voltage too high.

P2014 check B19/4 (right catalyzer temperature sensor,after supercharger).Signal voltage too low.

P2014 check B19/5 (left catalyzer temperature sensor before supercharger).Signal voltage too low.

P2014 check B19/5 (left catalyzer temperature sensor,before bottom catalyzer).Signal voltage too high.

P2014 check B19/6 (right catalyzer temperature sensor,before bottom catalyzer).Signal voltage too high.

P2014 check B19/6 (right catalyzer temperature sensor,before bottom catalyzer).Signal voltage too low.

P2014 EGR system slight leaks (P0442)

P2014 Purge control system has slight leak (P0442)

P2014-001 Y49 (camshaft control device regulation solenoid valve),positive short [P0010]

P2014-002 Y49 (camshaft control device regulation solenoid valve),overload short [P0010]

P2014-004 Y49 (camshaft control device regulation solenoid valve),wire interrupt [P0010]

P2014-008 Y49 (camshaft control device regulation solenoid valve),mechanical malfunction [P0010]

P2015 check start control.Circuit open

P2015 check start control.Short

P2015 check start control.short to ground

P2015 EGR system leaks (work link)(P0440)

P2015 Purge control system has leak (function chain)(P0440)

P2015-001 S40/3 (clutch pedal switch),trouble

P2016 P0443 [8] Y58/1 (Purge control valve) ,: Valve jamming/ stiff Status: OPEN [P0443]

P2016 P0444 [4] Y58/1 (Purge control valve) ,: Open circuit in wiring [P0444]

P2016 P0445 [1] Y58/1 (Purge control valve) ,: Short circuit to positive [P0445]

P2016 P0445 [2] Y58/1 (Purge control valve) ,: Short circuit to ground [P0445]

P2016 check Y76y1 (cylinder 1 fuel injector).Short

P2016 check Y76y2 (cylinder 2 fuel injector).Short

P2016 check Y76y3 (cylinder 3 fuel injector).Short

P2016 check Y76y4 (cylinder 4 fuel injector).Short

P2016 check Y76y5 (cylinder 5 fuel injector).Short

P2016 check Y76y6 (cylinder 6 fuel injector).Short

P2016 check Y76y7 (cylinder 7 fuel injector).Short

P2016 check Y76y8 (cylinder 8 fuel injector).Short

P2016 cylinder 1-3 mixture self regulation reach limit (part load)(P0170)

P2016 Self-adaptation of mixture formation for right bank of cylinders is at limit value (at part load).(P0170)

P2016-001 Y58/1 (EGR device switch-over valve),positive short [P0445]

P2016-002 Y58/1 (EGR device switch-over valve),overload short [P0445]

P2016-004 Y58/1 (EGR device switch-over valve),wire interrupt [P0444]

P2016-008 Y58/1 (EGR device switch-over valve),valve stick condition pen [P0443]

P2017 [1] relay) ,: Short circuit to positive

P2017 [2] relay) ,: Short circuit to ground

P2017 [4] relay) ,: Open circuit in wiring

P2017 check Y76y1 (cylinder 1 fuel injector).Fault

P2017 check Y76y2 (cylinder 2 fuel injector).Fault

P2017 check Y76y3 (cylinder 3 fuel injector).Fault

P2017 check Y76y4 (cylinder 4 fuel injector).Fault

P2017 check Y76y5 (cylinder 5 fuel injector).Fault

P2017 check Y76y6 (cylinder 6 fuel injector).Fault

P2017 check Y76y7 (cylinder 7 fuel injector).Fault

P2017 check Y76y8 (cylinder 8 fuel injector).Fault

P2017 cylinder 1-3 mixture self regulation reach limit (idle)(P0170)

P2017 Self-adaptation of mixture formation for right bank of cylinders is at limit value (at idle speed).(P0170)

P2017-001 K40k1 (fuel pump relay)/K27 (fuel pump relay)/N10/2kA (fuel pump relay),positive short

P2017-002 K40k1 (fuel pump relay)/K27 (fuel pump relay)/N10/2kA (fuel pump relay),overload short

P2017-004 K40k1 (fuel pump relay)/K27 (fuel pump relay)/N10/2kA (fuel pump relay),wire interrupt

P2018 P0413 [4] Y32 (Air pump switchover valve) ,: Open circuit in wiring [P0413]

P2018 P0414 [1] Y32 (Air pump switchover valve) ,: Short circuit to positive [P0414]

P2018 P0414 [2] Y32 (Air pump switchover valve) ,: Short circuit to ground [P0414]

P2018 check M3 (fuel pump).Circuit open

P2018 check M3 (fuel pump).Short

P2018 check M3 (fuel pump).Short to ground

P2018 cylinder 1-3 mixture self regulation reach limit (between idle and part load)

P2018 Self-adaptation of mixture formation for right bank of cylinders is at limit value (between idle speed and part load).(P0170)

P2018-001 Y32 (air pump switch-over valve),positive short [P0414]

P2018-002 Y32 (air pump switch-over valve),overload short [P0414]

P2018-004 Y32 (air pump switch-over valve),wire interrupt [P0413]

P2019 P0410 [1] K40/4k3 (Air pump relay) , N10/1kO (Air pump relay) ,: Short circuit to positive [P0410]

P2019 P0410 [2] K40/4k3 (Air pump relay) , N10/1kO (Air pump relay) ,: Short circuit to ground [P0410]

P2019 check Y74 (pressure regulation valve).Current in pressure regulation valve too small

P2019 check Y74 (pressure regulation valve).Current pressure regulation valve too large

P2019 check Y74 (pressure regulation valve).Regulation error

P2019 check Y94 (flux regulation valve).Current too large

P2019 check Y94 (flux regulation valve).Current value too small

P2019 check Y94 (flux regulation valve).Regulation error too large

P2019 Power output limited because of excessively high temperature of coolant

P2019 power restricted by high refrigerant temperature

P2019-001 K40/4k3 (air pump relay),N10/1KO (air pump relay),positive short [P0410]

P2019-002 K40/4k3 (air pump relay),N10/1KO (air pump relay),overload short [P0410]

P201A P0335 [1] Sensor rotor adaptation ,: Tooth detection is faulty. / Mechanical fault [P0335]

P201A P0335 [2] Sensor rotor adaptation ,: Fault Adaptation [P0335]

P201A B6/1 (Camshaft Hall sensor)(P0341)

P201A B6/3 (camshaft Hall sensor,right cylinder bank)(P0341)

P201A-001 wheel adaptive sensor,gear gap error/mechanical malfunction [P0335]

P201A-002 wheel adaptive sensor,error regulation [P0335]

P201B [128] : Misfiring

P201B [16] : Misfiring o

P201B [32] : Misfiring of cylinder 3, damages TWC Fuel deficiency

P201B [64] : Misfiring o

P201B P0301 [1] : Misfiring of cylinder 1, damages TWC [P0301]

P201B P0302 [8] : Misfiring of cylinder 2, damages TWC [P0302]

P201B P0303 [2] : Misfiring of cylinder 3, damages TWC [P0303]

P201B P0304 [4] : Misfiring of cylinder 4, damages TWC [P0304]

P201B component N3/10 (ME controller) supply voltage (P0560)

P201B Voltage supply of component N3/10 (ME-SFI control module)(P0560)

P201B-001 cylinder 1 interrupt device,CAT malfunction [P0301]

P201B-002 cylinder 3 interrupt device,CAT malfunction [P0303]

P201B-004 cylinder 4 interrupt device,CAT malfunction [P0304]

P201B-008 cylinder 2 interrupt device,CAT malfunction [P0302]

P201B-016 cylinder 1 interrupt device,CAT malfunction fuel insufficient

P201B-032 cylinder 3 interrupt device,CAT malfunction fuel insufficient

P201B-064 cylinder 4 interrupt device,CAT malfunction fuel insufficient

P201B-128 cylinder 2 interrupt device,CAT malfunction fuel insufficient

P201C [128] : Misfiring of cylinder

P201C [16] : Misfiring of cylinder 1

P201C [32] : Misfiring of cylinder 3

P201C [64] : Misfiring of cylinder 4

P201C P0301 [1] : Misfiring of cylinder 1 [P0301]

P201C P0302 [8] : Misfiring of cylinder 2 [P0302]

P201C P0303 [2] : Misfiring of cylinder 3 [P0303]

P201C P0304 [4] : Misfiring of cylinder 4 [P0304]

P201C B4/3 (fuel tank pressure sensor),electrical malfunction (P0450)

P201C Misfiring at several cylinders [P0300]

P201C-001 cylinder 1 interrupt device [P0301]

P201C-002 cylinder 3 interrupt device [P0303]

P201C-004 cylinder 4 interrupt device [P0304]

P201C-008 cylinder 2 interrupt device [P0302]

P201C-016 cylinder 1 interrupt device fuel insufficient

P201C-032 cylinder 3 interrupt device fuel insufficient

P201C-064 cylinder 4 interrupt device fuel insufficient

P201C-128 cylinder 2 interrupt device fuel insufficient

P201D P0171 [2] Selfadaptation of mixture formation ,: The mixture is too lean in the part load range. [P0171]

P201D P0171 [8] Selfadaptation of mixture formation ,: Mixture is too lean at idle speed. [P0171]

P201D P0172 [1] Selfadaptation of mixture formation ,: The mixture is too rich in the part load range. [P0172]

P201D P0172 [4] Selfadaptation of mixture formation ,: Mixture is too rich at idle speed. [P0172]

P201D Y62y1 (cylinder 1 injector)(P0201)

P201D Y62y1 (Fuel injector cylinder 1)(P0201)

P201D-001 mixture formation unit adaptation,part load mixture too rich.[P0172]

P201D-002 mixture formation unit adaptation,part load mixture too lean.[P0171]

P201D-004 mixture formation unit adaptation,idle mixture too rich.[P0172]

P201D-008 mixture formation unit adaptation,idle mixture too lean.[P0171]

P201E Y62y5 (cylinder 1 injector)(P0205)

P201E Y62y5 (Fuel injector cylinder 5)(P0205)

P201E-001 CAT effect too small [P0420]

P201F [1] B
fault

P201F)) [16] B40 (oil sensor
is implausible.

P201F [2] B40 (Oil
temperature

P201F [4] B

P201F [8] B40 (Oil level(oil leve

P201F Y62y3 (cylinder 5 injector)(P0203)

P201F Y62y4 (Fuel injector cylinder 4)(P0204)

P201F-001 B40 (engine oil sensor (engine oil condition,temperature and quality)),electrical malfunction

P201F-002 B40 (engine oil sensor (engine oil condition,temperature and quality)),engine oil temperature

P201F-004 B40 (engine oil sensor (engine oil condition,temperature and quality)),engine oil quality

P201F-008 B40 (engine oil sensor (engine oil condition,temperature and quality)),engine oil condition

P201F-016 B40 (engine oil sensor (engine oil condition,temperature and quality)),engine oil quality error

P2020 □ [1] M4/

P2020 □ [2] M4/3 (engine/AC el
Open circuit in wiring

P2020 check fuel rail pressure:B4/6 (fuel rail pressure sensor) racing test.

P2020 check fuel rail pressure:Y74 (pressure regulation valve) racing test.

P2020 check fuel rail pressure:Y94 (flux regulation valve) racing test.

P2020 check Y74 (pressure regulation valve).Short

P2020 check Y94 (flux regulation valve).Short

P2020 Y62y2 (Fuel injector cylinder 2)(P0202)

P2020 Y62y6 (cylinder 5 injector)(P0206)

P2020-001 M4/3 (engine/A/C electronic intake air device),positive short

P2020-002 M4/3 (engine/A/C electronic intake air device),overload/wire open cause short

P2021 □ [1] Relays Starter ,: Short ci

P2021 □ [2] Rel

P2021 check Y74 (pressure regulation valve).Current in pressure regulation valve too large

P2021 check Y74 (pressure regulation valve).Current in pressure regulation valve too small.Fuel rail pressure too high.

P2021 check Y74 (pressure regulation valve).Current/fuel rail pressure too large

P2021 check Y74 (pressure regulation valve).Current/fuel rail pressure too small

P2021 check Y74 (pressure regulation valve).Fuel rail pressure too small.

P2021 check Y74 (pressure regulation valve).Maximal pressure will be rewrite.

P2021 check Y74 (pressure regulation valve).Negative regulation error

P2021 check Y74 (pressure regulation valve).Regulation error too large

P2021 Y62y2 (cylinder 5 injector)(P0202)

P2021 Y62y6 (Fuel injector cylinder 6)(P0206)

P2021-001 starter relay,positive short

P2021-002 starter relay,overload/wire open cause short

P2022 P0135 [1] Heating of component G3/2 (O2 sensor upstream TWC) ,: Short circuit to positive [P0135]

P2022 P0135 [2] Heating of component G3/2 (O2 sensor upstream TWC) ,: Short circuit to ground [P0135]

P2022 P0135 [4] Heating of component G3/2 (O2 sensor upstream TWC) ,: Open circuit in wiring [P0135]

P2022 P0135 [8] Heating of component G3/2 (O2 sensor upstream TWC) ,: Heating capacity is too low. [P0135]

P2022 check fuel injector.Cylinder 1 misfire

P2022 check fuel injector.Cylinder 2 misfire

P2022 check fuel injector.Cylinder 3 misfire

P2022 check fuel injector.Cylinder 4 misfire

P2022 check fuel injector.Cylinder 5 misfire

P2022 check fuel injector.Cylinder 6 misfire

P2022 check fuel injector.Cylinder 7 misfire

P2022 check fuel injector.Cylinder 8 misfire

P2022 Y62y3 (Fuel injector cylinder 3)(P0203)

P2022 Y62y4 (cylinder 5 injector)(P0204)

P2022-001 component G3/2 (before CAT O2 sensor) heating device,positive short [P0135]

P2022-002 component G3/2 (before CAT O2 sensor) heating device,overload short [P0135]

P2022-004 component G3/2 (before CAT O2 sensor) heating device,wire interrupt [P0135]

P2022-008 component G3/2 (O2 sensor before CAT) heating device,heating power too small.[P0135]

P2023 P0141 [1] Heating of component G3/1 (O2 sensor downstream TWC) ,: Short circuit to positive [P0141]

P2023 P0141 [2] Heating of component G3/1 (O2 sensor downstream TWC) ,: Short circuit to ground [P0141]

P2023 P0141 [4] Heating of component G3/1 (O2 sensor downstream TWC) ,: Open circuit in wiring [P0141]

P2023 P0141 [8] Heating of component G3/1 (O2 sensor downstream TWC) ,: Heating capacity is too low. [P0141]

P2023 check Y83 (intake air manifold turnoff switch valve).Circuit open

P2023 check Y83 (intake air manifold turnoff switch valve).It is OFF when left intake air manifold is closed.

P2023 check Y83 (intake air manifold turnoff switch valve).It is OFF when right intake air manifold is closed.

P2023 check Y83 (intake air manifold turnoff switch valve).It is ON when left intake air manifold is closed.

P2023 check Y83 (intake air manifold turnoff switch valve).It is ON when right intake air manifold is closed.

P2023 check Y83 (intake air manifold turnoff switch valve).Short

P2023 check Y83 (intake air manifold turnoff switch valve).Short to ground

P2023 K40/7kN (air pump relay)(P0410)

P2023-001 component G3/1 (O2 sensor before CAT) heating device,positive short [P0141]

P2023-002 component G3/1 (O2 sensor before CAT) heating device,overload short [P0141]

P2023-004 component G3/1 (O2 sensor before CAT) heating device,wire interrupt [P0141]

P2023-008 component G3/2 (O2 sensor before CAT) heating device,heating power too small.[P0141]

P2024 P0106 [4] B28 (Pressure sensor) ,: Signal B28 (Pressure sensor) not equal to signal B18 (Altitude pressure sensor) when engine not running [P0106]

P2024 P0107 [2] B28 (Pressure sensor) ,: Short circuit to ground [P0107]

P2024 P0108 [1] B28 (Pressure sensor) ,: Short circuit to positive / Open circuit in wiring [P0108]

P2024 check Y27/10 (right exhaust gas recirculation regulator) regulator fault (via ground key).

P2024 check Y27/10 (right exhaust gas recirculation regulator).Circuit open

P2024 check Y27/10 (right exhaust gas recirculation regulator).Short

P2024 check Y27/10 (right exhaust gas recirculation regulator).Short to ground

P2024 check Y27/9 (left exhaust gas recirculation regulator) regulator fault (via ground key).

P2024 check Y27/9 (left exhaust gas recirculation regulator).Circuit open

P2024 check Y27/9 (left exhaust gas recirculation regulator).Short

P2024 check Y27/9 (left exhaust gas recirculation regulator).Short to ground

P2024 Y32 (Air pump switchover valve)(P0412)

P2024 Y32/2 (air pump switch-over valve,right cylinder bank)(P0412)

P2024-001 B28 (pressure sensor),positive short/wire open cause short [P0108]

P2024-002 B28 (pressure sensor),overload short [P0107]

P2024-004 B28 (pressure sensor),engine inactive B28 (pressure sensor) signal not equal to B18 (high pressure sensor) signal [P0106]

P2025 P0351 [1] : T1/1 (ignition coil cylinder 1) Combustion period , Readout too small [P0351]

P2025 P0351 [2] : T1/1 (ignition coil cylinder 1) Primary voltage [P0351]

P2025 P0352 [128] : T1/2 (ignition coil cylinder 2) Primary voltage [P0352]

P2025 P0352 [64] : T1/2 (ignition coil cylinder 2) Combustion period , Readout too small [P0352]

P2025 P0353 [4] : T1/3 (ignition coil cylinder 3) Combustion period , Readout too small [P0353]

P2025 P0353 [8] : T1/3 (ignition coil cylinder 3) Primary voltage [P0353]

P2025 P0354 [16] : T1/4 (ignition coil cylinder 4) Combustion period , Readout too small [P0354]

P2025 P0354 [32] : T1/4 (ignition coil cylinder 4) Primary voltage [P0354]

P2025 check M16/5 (throttle valve regulator).Circuit open

P2025 check M16/5 (throttle valve regulator).M16/5 (throttle valve regulator) regulator fault (via ground key).

P2025 check M16/5 (throttle valve regulator).Short

P2025 check M16/5 (throttle valve regulator).Short to ground

P2025 Y58/4 (Activated charcoal canister shut-off valve)(P0446)

P2025 Y58/4 (canister closedown valve)(P0446)

P2025-001 T1/1 (cylinder 1 ignition coil) ignition duration,value too small [P0351]

P2025-002 T1/1 (cylinder 1 ignition coil) primary voltage [P0351]

P2025-004 T1/3 (cylinder 3 ignition coil) ignition duration,value too small [P0353]

P2025-008 T1/3 (cylinder 3 ignition coil) primary voltage [P0353]

P2025-016 T1/4 (cylinder 4 ignition coil) ignition duration,value too small [P0354]

P2025-032 T1/4 (cylinder 4 ignition coil) primary voltage [P0354]

P2025-064 T1/2 (cylinder 2 ignition coil) ignition duration,value too small [P0352]

P2025-128 T1/2 (cylinder 2 ignition coil) primary voltage [P0352]

P2026 P0600 [1] CAN message from control module N15/3 (ETC control module) ,: CAN signal faulty [P0600]

P2026 P0600 [16] CAN message from control module N15/3 (ETC control module) ,: CAN signal interruption [P0600]

P2026 P0600 [2] CAN message from control module N15/3 (ETC control module) ,: CAN signal faulty [P0600]

P2026 P0600 [4] CAN message from control module N15/3 (ETC control module) ,: CAN signal faulty (Torque) [P0600]

P2026 P0600 [8] CAN message from control module N15/3 (ETC control module) ,: CAN signal faulty [P0600]

P2026 exhaust gas recirculation negative regulation deviation/exhaust gas recirculation rate too high.

P2026 exhaust gas recirculation positive regulation deviation/exhaust gas recirculation rate too low.

P2026 Y58/1 (EGR switch-over valve)(P0443)

P2026 Y58/1 (Purge control valve)(P0443)

P2026-001 CAN BUS signal from N15/3 (EGS controller) controller,CAN BUS signal error [P0600]

P2026-002 CAN BUS signal from N15/3 (EGS controller) controller,CAN BUS signal error [P0600]

P2026-004 CAN BUS signal from N15/3 (EGS controller) controller,CAN BUS signal error (torque) [P0600]

P2026-008 CAN BUS signal from N15/3 (EGS controller) controller,CAN BUS signal error [P0600]

P2026-016 CAN BUS signal from N15/3 (EGS controller) controller,CAN BUS signal interrupt [P0600]

P2027 P0600 [1] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty

P2027 P0600 [2] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty

P2027 P0600 [32] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty (Stop lamp switch)

P2027 P0600 [4] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty (Torque)

P2027 P0600 [64] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty (Stop lamp switch)

P2027 P0600 [8] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal faulty

P2027 P0600 [16] CAN message from control module N47-5 (ESP, SPS and BAS control module) ,: CAN signal interruption [P0600]

P2027 Y100 (left boost regulator) circuit open

P2027 Y100 (left boost regulator) regulator fault (via ground key).

P2027 Y100 (left boost regulator) short

P2027 Y100 (left boost regulator) short to ground

P2027 Y100/1 (right boost regulator) circuit open

P2027 Y100/1 (right boost regulator) regulator fault (via ground key).

P2027 Y100/1 (right boost regulator) short

P2027 Y100/1 (right boost regulator) short to ground

P2027 Y31/1 (EGR vacuum transducer)(P0403)

P2027-001 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal error

P2027-002 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal error

P2027-004 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal error

P2027-008 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal error (torque)

P2027-016 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal interrupt [P0600]

P2027-032 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal from (brake light switch)

P2027-064 CAN BUS signal from N47-5 (ESP,PML and BAS controller) controller,CAN BUS signal from (brake light switch)

P2028 P0562 [1] : Battery voltage too low [P0562]

P2028 P0563 [2] : Battery voltage too high / IMPLAUSIBLE [P0563]

P2028 boost regulator negative regulation deviation/boost pressure too high.

P2028 boost regulator positive regulation deviation/boost pressure too low.

P2028 the fill-in coefficient of this component exeeded

P2028 Y49/2 (camshaft adjusting valve,right cylinder bank)(P0340)

P2028-001 battery voltage too low [P0562]

P2028-002 battery voltage too high/error [P0563]

P2029 check S40/4 (button type switch TPM with variable speed limit).Closed

P2029 check S40/4 (button type switch TPM with variable speed limit).Negative acceleration limit

P2029 check S40/4 (button type switch TPM with variable speed limit).Positive acceleration limit

P2029 right cylinder bank camshaft adjustment (work link)(P0340)

P2029-001 engine RPM signal,error

P202A P0171 [8] : Selfadaptation of mixture formation at rich stop [P0171]

P202A P0172 [4] : Selfadaptation of mixture formation at lean stop [P0172]

P202A left cylinder bank camshaft adjustment (work link)(P0340)

P202A-004 mixture formation unit adaptation lean [P0172]

P202A-008 mixture formation unit adaptation too rich [P0171]

P202B [16] CAN mes
IMPLAUSIBLE

P202B [2] CAN messa
IMPLAUSIBLE

P202B [4] CAN message f
IMPLAUSIBLE

P202B [8] CAN messa
IMPLAUSIBLE

P202B P0500 [1] CAN message from control module ESP ,: Vehicle speed signal IMPLAUSIBLE [P0500]

P202B idle regulation error (P0507)

P202B Idle speed control implausible (P0507)

P202B-001 CAN BUS signal from ESP controller,speed signal error [P0500]

P202B-002 CAN BUS signal from ESP controller,speed signal error

P202B-004 CAN BUS signal from ESP controller,speed signal error

P202B-008 CAN BUS signal from ESP controller,speed signal error

P202B-016 CAN BUS signal from ESP controller,speed signal error

P202C [1] CAN mes

P202C [2] CAN message signal faulty

P202C [4] CAN message f

P202C [8]
authorization

P202C Coolant thermostat (P0115)

P202C refrigerant temperature regulator (P0115)

P202C-001 CAN BUS signal from EIS controller,CAN BUS signal interrupt

P202C-002 signal from EIS controller CAN BUS,CAN BUS signal error

P202C-004 CAN BUS signal from EIS controller,CAN BUS signal error

P202C-008 CAN BUS signal from EIS controller,CAN BUS signal interrupt drive authority

P202D [1] CAN
interruption

P202D [2] IMPLAUSIBLE

P202D [4] CAN message from control module Instrument cluster ,: Ambient temperature IMPLAUSIBLE

P202D B11/4 (Coolant temperature sensor),Plausibility (P0115)

P202D B11/4 (refrigerant temperature sensor),reliability (P0115)

P202D-001 CAN BUS signal from combination instrument controller,CAN BUS signal interrupt

P202D-002 CAN BUS signal from combination instrument controller,fuel tank charging condition error

P202D-004 CAN BUS signal from combination instrument controller,outside temperature error

P202E M16/6 (throttle valve actuator)(P0120)

P202E M16/6 (throttle valve regulator)(P0120)

P202E-001 CAN BUS signal from KLA/TAU controller,CAN BUS signal interrupt

P202F P0600 [1] CAN fault ,: 1. CAN controller: CAN bus OFF [P0600]

P202F P0600 [2] CAN fault ,: 2. CAN controller: CAN bus OFF [P0600]

P202F No or incorrect CAN message from control unit N51/2 (ABC control module)(P0600)

P202F no signal or error signal from N51/2 (ABC controller) controller BUS (P0600)

P202F-001 CAN BUS error,1 CAN BUS controller:CAN off [P0600]

P202F-002 CAN BUS error,2 CAN BUS controller:CAN off [P0600]

P2030 [1] Crash signal ,: IMPLAUSIBLE

P2030 [2] Crash signal ,: Front crash

P2030 [4] Crash signal ,: Short circui

P2030 check heat time control.Communication fault

P2030 check heat time control.N14/2 (pre-heating plug output stage) fault

P2030 check heat time control.Pre-heating indicator fault

P2030 check heat time control.Pre-heating plug short

P2030 No faulty code text

P2030 No or incorrect CAN message from control unit N15/5 (electronic selector lever module control module)(P0600)

P2030 no signal or error signal from N15/5 (electronic shift lever mode controller) controller BUS (P0600)

P2030-001 crash signal,error

P2030-002 crash signal,front crash

P2030-004 Crash signal,positive short

P2031 P0130 [16] G3/2 (O2 sensor upstream TWC) ,: Open circuit [P0130]

P2031 P0130 [32] G3/2 (O2 sensor upstream TWC) ,: Sensor signal in the case of inertia fuel shutoff IMPLAUSIBLE [P0130]

P2031 P0131 [4] G3/2 (O2 sensor upstream TWC) ,: Short circuit to ground [P0131]

P2031 P0132 [8] G3/2 (O2 sensor upstream TWC) ,: Short circuit to positive [P0132]

P2031 P0133 [2] G3/2 (O2 sensor upstream TWC) ,: Aging, period too long [P0133]

P2031 cylinder 1 pre-heating plug

P2031 cylinder 2 pre-heating plug

P2031 cylinder 3 pre-heating plug

P2031 cylinder 4 pre-heating plug

P2031 cylinder 5 pre-heating plug

P2031 cylinder 6 pre-heating plug

P2031 cylinder 7 pre-heating plug

P2031 cylinder 8 pre-heating plug

P2031 Exhaust Gas Temperature Sensor Circuit (Bank 1 Sensor 2)

P2031 No faulty code text

P2031 No or incorrect CAN message from control unit N80 (Jacket tube module)(P0600)

P2031 no signal or error signal from N15/5 (electronic shift lever mode controller) controller BUS (P0600)

P2031-002 G3/2 (before CAT O2 sensor) aging,used too long [P0133]

P2031-004 G3/2 (before CAT O2 sensor),overload short [P0131]

P2031-008 G3/2 (before CAT O2 sensor),positive short [P0132]

P2031-016 G3/2 (before CAT O2 sensor),interrupt [P0130]

P2031-032 G3/2 (before CAT O2 sensor) at off sensor signal error [P0130]

P2032 P0442 [2] Purge system ,: Minor leakage in system [P0442]

P2032 P0455 [4] Purge system ,: Major leakage in system [P0455]

P2032 P0456 [1] Purge system ,: Very slight leak in system [P0456]

P2032 P0457 [16] Purge system ,: No fuel tank cap (fault detected in driving mode). [P0457]

P2032 P0457 [8] Purge system ,: No fuel filler cap (fault detected in idling speed range). [P0457]

P2032 Exhaust Gas Temperature Sensor Circuit Low (Bank 1 Sensor 2)

P2032 M16/6r1 (Throttle valve actual value potentiometer)(P0120)

P2032 M16/6r1 (throttle valve practical potentiometer)(P0120)

P2032 transmission control 1 EGS fault 1

P2032 transmission control 1 EGS fault 2

P2032 transmission control 1 EGS fault 3

P2032 transmission control 1 EGS fault 4

P2032 transmission control 1 EGS fault 5

P2032 transmission control 1 EGS fault 6

P2032 transmission control 1 EGS fault 7

P2032 transmission control 1 EGS fault 8

P2032-001 EGR,very slight leak [P0456]

P2032-002 EGR,slight leak [P0442]

P2032-004 EGR,severe leak [P0455]

P2032-008 EGR,fuel tank cover lose (idle error identified).[P0457]

P2032-016 EGR,fuel tank cover lose (driving error identified).[P0457]

P2033 P0446 [8] Y58/4 (Activated charcoal canister shut-off valve) ,: Valve jamming/ stiff Status: CLOSED [P0446]

P2033 P0447 [4] Y58/4 (Activated charcoal canister shut-off valve) ,: Open circuit in wiring [P0447]

P2033 P0448 [1] Y58/4 (Activated charcoal canister shut-off valve) ,: Short circuit to positive [P0448]

P2033 P0448 [2] Y58/4 (Activated charcoal canister shut-off valve) ,: Short circuit to ground [P0448]

P2033 Exhaust Gas Temperature Sensor Circuit High (Bank 1 Sensor 2)

P2033 S40/4 (CC switch with variable speed limiter)

P2033 S40/4 (TPM touch switch with variable speed limit)

P2033 transmission control 2 EGS fault 1

P2033 transmission control 2 EGS fault 2

P2033 transmission control 2 EGS fault 3

P2033 transmission control 2 EGS fault 4

P2033 transmission control 2 EGS fault 5

P2033 transmission control 2 EGS fault 6

P2033 transmission control 2 EGS fault 7

P2033 transmission control 2 EGS fault 8

P2033-001 Y58/4 (canister cut-off valve),positive short [P0448]

P2033-002 Y58/4 (canister cut-off valve),overload short [P0448]

P2033-004 Y58/4 (canister cut-off valve),wire open [P0447]

P2033-008 Y58/4 (canister cut-off valve),valve stick condition ff [P0446]

P2034 [1] Shutoff Cruise control

P2034 [2] Shutoff Cruise contro

P2034 [4] Shutoff Cruise control

P2034 [8] Shutoff C

P2034 check SRS system.Air bag signal short after UB

P2034 check SRS system.Air bag signal will cause the engine stop.

P2034 L5 (crankshaft position sensor)(P0335)

P2034-001 speed meter interrupt,throttle valve malfunction

P2034-002 speed meter interrupt,brake light switch malfunction

P2034-004 speed meter interrupt,touch switch error

P2034-008 speed meter interrupt,brake light switch CAN BUS signal error

P2035 P0221 [1] N3/10 (ME-SFI control module) , Fault: [P0221]

P2035 P0221 [128] N3/10 (ME-SFI control module) , Fault: [P0221]

P2035 P0221 [2] N3/10 (ME-SFI control module) , Fault: [P0221]

P2035 P0221 [4] N3/10 (ME-SFI control module) , Fault: [P0221]

P2035 P0221 [8] N3/10 (ME-SFI control module) , Fault: [P0221]

P2035 P0226 [16] N3/10 (ME-SFI control module) , Fault: [P0226]

P2035 P0226 [32] N3/10 (ME-SFI control module) , Fault: [P0226]

P2035 P0226 [64] N3/10 (ME-SFI control module) , Fault: [P0226]

P2035 check M4/7 (electric inspiration motor and integrated A/C).Circuit open

P2035 check M4/7 (electric inspiration motor and integrated A/C).Short

P2035 check M4/7 (electric inspiration motor and integrated A/C).Short to ground

P2035 M4/7 (electric inspiration motor and integrated A/C) regulator fault (via ground key).

P2035-001 N3/10 (ME controller),malfunction [P0221]

P2035-002 N3/10 (ME controller),malfunction [P0221]

P2035-004 N3/10 (ME controller),malfunction [P0221]

P2035-008 N3/10 (ME controller),malfunction [P0221]

P2035-016 N3/10 (ME controller),malfunction [P0226]

P2035-032 N3/10 (ME controller),malfunction [P0226]

P2035-064 N3/10 (ME controller),malfunction [P0226]

P2035-128 N3/10 (ME controller),malfunction [P0221]

P2036 P0410 [1] Secondary air injection: malfunction (function chain) ,: Air flow is too low. [P0410]

P2036 check N33/2 (heat controller) producer.

P2036 N33/2 (heat controller) circuit open

P2036 N33/2 (heat controller) regulator fault (via ground key).

P2036 N33/2 (heat controller) short

P2036 N33/2 (heat controller) short to ground

P2036 No or incorrect CAN message from control unit N47-5 (ESP control module)(P0600)

P2036 no signal or error signal from N47-5 (ESP controller) controller BUS (P0600)

P2036-001 intake air device:wrong operation (work link),air flow too small.[P0410]

P2037 P0451 [4] B4/3 (Fuel tank pressure sensor) ,: Plausibility error Signal / Fuel filler cap missing. [P0451]

P2037 P0451 [8] B4/3 (Fuel tank pressure sensor) ,: Plausibility error Signal [P0451]

P2037 P0452 [1] B4/3 (Fuel tank pressure sensor) ,: Short circuit to ground [P0452]

P2037 P0453 [2] B4/3 (Fuel tank pressure sensor) ,: Short circuit to positive / Open circuit in wiring [P0453]

P2037 check radiator shutter/engine mount.Engine mount circuit open

P2037 check radiator shutter/engine mount.Engine mount regulator fault (via ground key)

P2037 check radiator shutter/engine mount.Engine mount short to ground

P2037 check radiator shutter/engine mount.Radiator shutter circuit open

P2037 check radiator shutter/engine mount.Radiator shutter regulator fault (via ground key).

P2037 check radiator shutter/engine mount.Radiator shutter short to ground

P2037 No or incorrect CAN message from control unit N15/3 (ETC control module)(P0600)

P2037 no signal or error signal from N15/3 (EGS controller) controller BUS (P0600)

P2037-001 B4/3 (fuel tank pressure sensor),overload short [P0452]

P2037-002 B4/3 (fuel tank pressure sensor),positive short/wire open [P0453]

P2037-004 B4/3 (fuel tank pressure sensor),signal reliability malfunction/fuel tank cover lose.[P0451]

P2037-008 B4/3 (fuel tank pressure sensor),signal reliability malfunction [P0451]

P2038 P0243 [1] : Charge pressure is too low. [P0243]

P2038 P0243 [2] : Charge pressure is too high. [P0243]

P2038 A16/2 (knock sensor 2,left)

P2038 check M44 (booster air cooler circulation pump).Circuit open

P2038 check M44 (booster air cooler circulation pump).Short

P2038 check M44 (booster air cooler circulation pump).Short to ground

P2038-001 charging pressure too low.[P0243]

P2038-002 charging pressure too high.[P0243]

P2039 [4] M16/7 running

P2039 P0243 [1] M16/7 (Recirculating air flap actuator) ,: First initialization [P0243]

P2039 P0243 [2] M16/7 (Recirculating air flap actuator) ,: Position Emergency running [P0243]

P2039 CAN-fault,fault 1

P2039 CAN-fault,fault 2

P2039 check CAN.CAN signal from controller N51/2 (controller ABC) (airmatic) error or interfered

P2039 check CAN.CAN-data bus open

P2039 check CAN.CAN-signal from A1 (instrument cluster) error

P2039 check CAN.CAN-signal N15/5 (electronic shift lever module controller) error

P2039 component B40 (oil condition,temperature and quality) il condition error

P2039 component B40 (oil condition,temperature and quality)oil condition error

P2039 Component B40 (Oil sensor (oil level,temperature and quality)) il level implausible

P2039 Component B40 (Oil sensor (oil level,temperature and quality))oil level implausible

P2039-001 M16/7 (air exchange valve adjustment part),not initialization [P0243]

P2039-002 M16/7 (air exchange valve adjustment part),urgency start position [P0243]

P2039-004 M16/7 (air exchange valve adjustment part),urgency start regulation

P203A [64] M16/7 (position not reached

P203A P0244 [128] M16/7 (Recirculating air flap actuator) ,: Actuation Actuator motor [P0244]

P203A P0244 [16] M16/7 (Recirculating air flap actuator) ,: Comparative error Actual value potentiometer [P0244]

P203A P0244 [32] M16/7 (Recirculating air flap actuator) ,: Recirculating air flap sticking. [P0244]

P203A P0245 [2] M16/7 (Recirculating air flap actuator) ,: Actual value potentiometer 1 The signal voltage is too low. [P0245]

P203A P0245 [8] M16/7 (Recirculating air flap actuator) ,: Actual value potentiometer 2 The signal voltage is too low. [P0245]

P203A P0246 [1] M16/7 (Recirculating air flap actuator) ,: Actual value potentiometer 1 The signal voltage is too high. [P0246]

P203A P0246 [4] M16/7 (Recirculating air flap actuator) ,: Actual value potentiometer 2 The signal voltage is too high. [P0246]

P203A insufficient fuel (P0460)

P203A The fuel tank level is too low.(P0460)

P203A-001 M16/7 (air exchange valve adjustment part),practical potentiometer 1 signal voltage too high.[P0246]

P203A-002 M16/7 (air exchange valve adjustment part),practical potentiometer 1 signal voltage too low.[P0245]

P203A-004 M16/7 (air exchange valve adjustment part),practical potentiometer 2 signal voltage too high.[P0246]

P203A-008 M16/7 (air exchange valve adjustment part),practical potentiometer 2 signal voltage too low.[P0245]

P203A-016 M16/7 (air exchange valve adjustment part),practical potentiometer comparison error [P0244]

P203A-032 M16/7 (air exchange valve adjustment part),air exchange valve stick.[P0244]

P203A-064 M16/7 (air exchange valve adjustment part),urgency start position not reach

P203A-128 M16/7 (air exchange valve adjustment part),drive servo motor [P0244]

P203B P0136 [4] G3/1 (O2 sensor downstream TWC) ,: Open circuit [P0136]

P203B P0136 [8] G3/1 (O2 sensor downstream TWC) ,: Sensor signal in the case of inertia fuel shutoff IMPLAUSIBLE [P0136]

P203B P0137 [1] G3/1 (O2 sensor downstream TWC) ,: Short circuit to ground [P0137]

P203B P0138 [2] G3/1 (O2 sensor downstream TWC) ,: Short circuit to positive [P0138]

P203B P0140 [16] G3/1 (O2 sensor downstream TWC) ,: □Aging□ [P0140]

P203B electronic accelerograph action inspection component malfunction (P0221)

P203B Fault of function monitor in electronic accelerator (P0221)

P203B-001 G3/1 (O2 sensor after CAT),overload short [P0137]

P203B-002 G3/1 (O2 sensor after CAT),positive short [P0138]

P203B-004 G3/1 (O2 sensor after CAT),interrupt [P0136]

P203B-008 G3/1 (O2 sensor after CAT),draw off sensor error [P0136]

P203B-016 G3/1 (O2 sensor after CAT), □aging□ signal error [

P203C □ [1] Engine speed signal ,: Fault

P203C □ [2] Engine speed signal ,

P203C □ [4] Engine speed signal ,:

P203C Fault of priority 1:fault of function monitor in electronic accelerator (P0221)

P203C priority 1 error:electronic accelerograph action inspection component malfunction (P0221)

P203C-001 engine RPM signal,error

P203C-002 engine RPM signal,positive short

P203C-004 engine RPM signal,overload short

P203D □ [1] N1
Request from control module N15/6 (Sprintshift control module)

P203D □ [2] N1 control module (Sprintshift) Emergency running ,: Engine OFF
Request from control module N15/6 (Sprintshift control module)

P203D □ [4] N1
Request from control module N15/6 (Sprintshift control module)

P203D Angle variation of camshaft to crankshaft (P0370)

P203D rotate angle error between right cylinder bank camshaft and crankshaft (P0370)

P203D-001 N15/6 (automatic shift transmission controller) urgency start,controller N15/6 (automatic shift transmission controller) requested power

P203D-002 N15/6 (automatic shift transmission controller) urgency start,controller N15/6 (automatic shift transmission controller) requested power

P203D-004 N15/6 (automatic shift transmission controller) urgency start,controller N15/6 (automatic shift transmission controller) requested power

P203E [1] SPEEDTRONIC ,:

P203E [2] SPEEDTRONIC

P203E BUS signal error from combination instrument (P0600)

P203E No CAN message from instrument cluster or message faulty.(P0600)

P203E-001 speed auto control,electronic accelerograph pedal urgency start

P203E-002 speed auto control,speed meter switch position error

P203F SP[4]ETCMonitoring: CAN fault (E

P203F [8] : Monitoring: SPEEDTRONIC /

P203F P0221 [1] : Monitoring: Engine torque Idle speed control [P0221]

P203F P0221 [2] : Monitoring: Engine braking torque [P0221]

P203F-001 N3/10 (ME controller),error [P0221]

P203F-002 N3/10 (ME controller),engine traction torque [P0221]

P203F-004 CAN BUS error (ESP,EGS,EIS)

P203F-008 N3/10 (ME controller),error

P2040 [1] CAN message from c

P2040 check anti-theft lock.Controller N3/9 (controller CDI) and controller N73 (controller EIS) disaccord.

P2040 check anti-theft lock.EEPROM fault.

P2040 check anti-theft lock.No signal from component N73 (controller EIS)

P2040 component B40 (engine oil sensor (engine oil condition,temperature and quality))il quality error

P2040 component B40 (engine oil sensor (engine oil condition,temperature and quality))oil quality error

P2040 Component B40 (Oil sensor (oil level,temperature and quality))il quality implausible

P2040 Component B40 (Oil sensor (oil level,temperature and quality))oil quality implausible

P2040-001 signal from EWM controller CAN BUS,CAN BUS interrupt

P2041 P0605 [1] N3/10 (ME-SFI control module) ,: EEPROM error of control unit [P0605]

P2041 P0606 [2] N3/10 (ME-SFI control module) ,: Internal fault [P0606]

P2041 P0606 [4] N3/10 (ME-SFI control module) ,: COMMUNICATION Fault [P0606]

P2041 check N73 (controller EIS).Fault 1

P2041 check N73 (controller EIS).Fault 2

P2041 check N73 (controller EIS).Fault 3

P2041 check N73 (controller EIS).Fault 4

P2041 check N73 (controller EIS).Signal error EIS

P2041 check N73 (controller EIS).Signal error N80 (sleeve module)

P2041 component B40 (engine oil sensor (engine oil condition,temperature and quality)):water in engine oil

P2041 Component B40 (Oil sensor (oil level,temperature and quality)):Water in engine oil

P2041-001 N3/10 (ME controller),controller EEPROM error [P0605]

P2041-002 N3/10 (ME controller),internal error [P0606]

P2041-004 N3/10 (ME controller),communication error [P0606]

P2042 check B37 (accelerator pedal position sensor).Sensor 1 signal voltage too high.

P2042 check B37 (accelerator pedal position sensor).Sensor 1 signal voltage too low.

P2042 check B37 (accelerator pedal position sensor).Sensor 1/2 reliability

P2042 check B37 (accelerator pedal position sensor).Sensor 2 signal voltage too high.

P2042 check B37 (accelerator pedal position sensor).Sensor 2 signal voltage too low.

P2042 check B37 (accelerator pedal position sensor).Sensor voltage supply

P2042 fuel safety cut-off unit recognized

P2042 Safety fuel shutoff detected

P2042-001 M16/6 (throttle valve regulation part),practical potentiometer 1 and 2:signal voltage error or regulation malfunction [P0120]

P2043 large external interference from EGS.Cannot receive all CAN information.

P2043 large external interference from EGS.CAN-signal implausible.

P2043 large external interference from EGS.No CAN-communication with component EGS

P2043 large external interference from EGS.Request information of controller EGS implausible.

P2043 misfire (P0300)

P2043 Misfiring (P0300)

P2044 cylinder 1 misfire (P0301)

P2044 large external interference from ESP.Cannot receive all CAN information.

P2044 large external interference from ESP.CAN-signal implausible.

P2044 large external interference from ESP.No communication

P2044 large external interference from ESP.Request of controller DTR implausible.

P2044 large external interference from ESP.Signal error

P2044 Misfiring of cylinder 1 (P0301)

P2045 cylinder 5 misfire (P0305)

P2045 large external interference from controller DTR.Cannot receive all CAN information.

P2045 large external interference from controller DTR.CAN-signal implausible.

P2045 large external interference from controller DTR.No communication

P2045 large external interference from controller DTR.Request of controller DTR implausible.

P2045 Misfiring of cylinder 5 (P0305)

P2046 brake CAN-signal implausible.

P2046 check brake.Cannot receive all CAN information.

P2046 check brake.Signal error

P2046 cylinder 3 misfire (P0303)

P2046 Misfiring of cylinder 4 (P0304)

P2047 A/C fault 1

P2047 A/C fault 2

P2047 cylinder 6 misfire (P0306)

P2047 Misfiring of cylinder 2 (P0302)

P2048 cylinder 2 misfire (P0302)

P2048 Misfiring of cylinder 6 (P0306)

P2049 cylinder 4 misfire (P0304)

P2049 Misfiring of cylinder 3 (P0303)

P204A cylinder 7 misfire (P0307)

P204A Misfiring of cylinder 7 (P0307)

P204B cylinder 11 misfire (P0311)

P204B Misfiring of cylinder 8 (P0308)

P204C cylinder 9 misfire (P0309)

P204D cylinder 12 misfire (P0312)

P204E cylinder 8 misfire (P0308)

P204F cylinder 10 misfire (P0310)

P2050 interrupt,CAT damageed (P0300)

P2050 Misfiring,Damages TWC (P0300)

P2051 cylinder 1 misfire,CAT damageed (P0301)

P2051 Misfiring of cylinder 1,damages TWC (P0301)

P2052 cylinder 5 misfire,CAT damageed (P0305)

P2052 Misfiring of cylinder 5,damages TWC (P0305)

P2053 cylinder 3 misfire,CAT damageed (P0303)

P2053 Misfiring of cylinder 4,damages TWC (P0304)

P2054 cylinder 6 misfire,CAT damageed (P0306)

P2054 Misfiring of cylinder 2,damages TWC (P0302)

P2055 cylinder 2 misfire,CAT damageed (P0302)

P2055 Misfiring of cylinder 6,damages TWC (P0306)

P2056 cylinder 4 misfire,CAT damageed (P0304)

P2056 Misfiring of cylinder 3,damages TWC (P0303)

P2057 cylinder 7 misfire,CAT damageed (P0307)

P2057 Misfiring of cylinder 7,damages TWC (P0307)

P2058 cylinder 11 misfire,CAT damageed (P0311)

P2058 Misfiring of cylinder 8,damages TWC (P0308)

P2059 cylinder 9 misfire,CAT damageed (P0309)

P205A cylinder 12 misfire,CAT damageed (P0312)

P205B cylinder 8 misfire,CAT damageed (P0308)

P205C cylinder 10 misfire,CAT damageed (P0310)

P205E Component N15/3 (ETC control module) memory is fault.(P0702)

P205E fault stored in component N15/3 (EGS controller).(P0702)

P205F Component N15/3 (ETC control module) memory is fault.(P0753)

P205F fault stored in component N15/3 (EGS controller).(P0753)

P2060 Component N15/3 (ETC control module) memory is fault.(P0758)

P2060 fault stored in component N15/3 (EGS controller).(P0758)

P2061 Component N15/3 (ETC control module) memory is fault.(P0763)

P2061 fault stored in component N15/3 (EGS controller).(P0763)

P2062 Component N15/3 (ETC control module) memory is fault.(P0743)

P2062 fault stored in component N15/3 (EGS controller).(P0743)

P2063 Component N15/3 (ETC control module) memory is fault.(P0748)

P2063 fault stored in component N15/3 (EGS controller).(P0748)

P2064 Component N15/3 (ETC control module) memory is fault.(P0748)

P2064 fault stored in component N15/3 (EGS controller).(P0748)

P2065 Component N15/3 (ETC control module) memory is fault.(P0702)

P2065 fault stored in component N15/3 (EGS controller).(P0702)

P2066 Component N15/3 (ETC control module) memory is fault.(P0715)

P2066 fault stored in component N15/3 (EGS controller).(P0715)

P2067 Component N15/3 (ETC control module) memory is fault.(P0705)

P2067 fault stored in component N15/3 (EGS controller).(P0705)

P2068 Component N15/3 (ETC control module) memory is fault.(P0720)

P2068 fault stored in component N15/3 (EGS controller).(P0720)

P2069 Component N15/3 (ETC control module) memory is fault.(P0700)

P2069 fault stored in component N15/3 (EGS controller).(P0700)

P206A Component N15/3 (ETC control module) memory is fault.(P0700)

P206A fault stored in component N15/3 (EGS controller).(P0700)

P206B Component N15/3 (ETC control module) memory is fault.(P0740)

P206B fault stored in component N15/3 (EGS controller).(P0740)

P206D Component N15/3 (ETC control module) memory is fault.(P0730)

P206D fault stored in component N15/3 (EGS controller).(P0730)

P206E Control module ME-SFI 2.8 is incorrectly coded (coded to MT,vehicle has AT)

P206E ME 2.7 controller incorrect coded (according to AT code,car has MT)

P206F 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)

P206F ME 2.7 controller incorrectly coded or communication error with N15/3 (EGS controller) controller BUS

P2070 as component N15/3 (EGS controller) voltage is too low,transmission variables can not be checked

P2070 Transmission version cannot be checked because of undervoltage at component N15/3 (ETC control module)

P2071 Start enable of DAS not sent

P2072 B4/3 (fuel tank pressure sensor),signal error (P0450)

P2072 B4/3 (Fuel tank pressure sensor),Signal implausible (P0450)

P2073 Electric suction fan for engine or air conditioning

P2073 M4/3 (engine/A/C electronic suction device)

P2074 Y22/6 (variable intake manifold switchover valve)

P2075 EGR slight leak (leakage)(P0442)

P2075 Pruge control system has a slight leak (minor leak)(P0442)

P2076 Component B40 (Oil sensor (oil level,temperature and quality)) il temperature implausible

P2076 Component B40 (Oil sensor (oil level,temperature and quality))il temperature implausible

P2077 Read fault memory from control unit N15/6 (Sprintshift control module) and rectify faults.

P2078 Read fault memory from control unit N15/6 (Sprintshift control module) and rectify faults.

P2079 CAN signal □Vehicle speed limit□

P207A CAN signal □Vehicle speed limit□

P207B Read fault memory from control unit Transmission and rectify faults.

P207D No or incorrect CAN message from control unit N73 (EIS control module)

P207D no signal or error signal from N73 (EIS controller) controller BUS

P207E cylinder 4-6 CAT too weak (P0422)

P207E The efficiency of the left catalytic converter is insufficient.(P0432)

P207F G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,calibration program jump over (P0133)

P207F G3/3 (Left O2 sensor,before TWC[KAT]) Aging,correction variable exceeded

P2080 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 1)

P2080 G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,used too long (P0133)

P2080 G3/3 (Left O2 sensor,before TWC[KAT]) Aging,period too long (P0153)

P2081 Exhaust Gas Temperature Sensor Circuit intermittant (Bank 1 Sensor 1)

P2081 G3/14 (right O2 sensor,after CAT,cylinder 4-6) no special condition change

P2081 G3/5 (Left O2 sensor,after TWC[KAT])

P2082 G3/10 (right O2 sensor,before CAT,cylinder 4-6) aging,voltage up too small (P0130)

P2082 G3/3 (Left O2 sensor,before TWC[KAT]) Electrical fault (P0150)

P2083 G3/14 (right O2 sensor,after CAT,cylinder 4-6) electrical malfunction (P0136)

P2083 G3/5 (Left O2 sensor,after TWC[KAT]) Electrical fault (P0156)

P2085 cylinder 4-6 mixture formation unit adaptation reaches limit.(part load)(P0170)

P2085 Self-adaptation of mixture formation for left bank of cylinders is at limit value (at part load).(P0173)

P2086 cylinder 4-6 mixture formation unit adaptation reaches limit.(idle)(P0170)

P2086 Self-adaptation of mixture formation for left bank of cylinders is at limit value (at idle speed).(P0173)

P2087 cylinder 4-6 mixture formation unit adaptation reaches limit.(between idle and part load)

P2087 Self-adaptation of mixture formation for left bank of cylinders is at limit value (between idle speed and part load).(P0173)

P2088 component G3/10 (right O2 sensor,before CAT,cylinder 4-6) heating (P0135)

P2088 Heating of component G3/3 (Left O2 sensor,before TWC[KAT])(P0155)

P2089 component G3/14 (right O2 sensor,after CAT,cylinder 4-6) heating (P0141)

P2089 Heating of component G3/5 (Left O2 sensor,after TWC[KAT])(P0161)

P208A Y62y7 (Fuel injector cylinder 7)(P0207)

P208B Y62y11 (cylinder 11 fuel injector)(P0211)

P208B Y62y8 (Fuel injector cylinder 8)(P0208)

P208C Y49/1 (camshaft regulation valve,left cylinder bank),electrical malfunction (P0340)

P208E Y81 (cylinder cut-off valve,left cylinder bank),electrical malfunction;GERMANY

P208E Y81/1 (10-cylinder 12 cylinder cut-off valve),electrical malfunction

P208F Y81/1 (10-cylinder 12 cylinder cut-off valve),electrical malfunction

P2090 at least two socket of O2 sensor exchanged.

P2090 Plug connections of the O2 sensors are wrongly connected.(O2 sensor upstream TWC)

P2091 B40/2 (cylinder disable unit oil pressure sensor),electrical malfunction (P0520)

P2091 B40/2 (cylinder off oil pressure sensor),electrical malfunction (P0520);GERMANY

P2092 Y80/1 (cylinder 7-9 cylinder cut-off valve),electrical malfunction

P2093 Y80 (cylinder cut-off valve,right cylinder bank),electrical malfunction;GERMANY

P2093 Y80/1 (cylinder 7-9 cylinder cut-off valve),electrical malfunction

P2094 when ZAS is turned on,left and right cylinder cut-off valve (Y80 or Y81) is not opened.;

P2095 when ZAS is turned on,cylinder inlet valve does not work.;

P2097 throttle valve block (ice up)

P2097 throttle valve block (ice up);

P2098 component N2/7 (SRS controller) crash signal error.;

P2098 error crash signal from component N2/7 (SRS controller)

P2099 when ZAS is turned off,cylinder 8 exhaust valve inactive.

P209A when ZAS is turned off,cylinder 10 exhaust valve inactive.

P209B Y93 (EGR switch-over valve)

P209B Y93 (EGR switch-over valve);

P209C when ZAS is turned off,component Y80 (cylinder cut-off valve,right cylinder bank) not turn off.;

P209C when ZAS is turned off,component Y80/1 (cylinder 7-9 cylinder cut-off valve) not off.

P209D when ZAS is turned off,component Y81 (cylinder cut-off valve,left cylinder bank) not turn off.;

P209D when ZAS is turned off,component Y81/1 (cylinder 10-12 cylinder cut-off valve) not off.

P209E when ZAS is turned off,cylinder 5 exhaust valve not work.;

P209E when ZAS is turned off,cylinder 7 exhaust valve inactive.

P209F when ZAS is turned off,cylinder 11 exhaust valve inactive.

P209F when ZAS is turned off,cylinder 2 exhaust valve not work.;

P20A0 when ZAS is turned off,cylinder 3 exhaust valve not work.;GERMANY

P20A0 when ZAS is turned off,cylinder 9 exhaust valve inactive.

P20A1 when ZAS is turned off,cylinder 12 exhaust valve inactive.

P20A1 when ZAS is turned off,cylinder 8 exhaust valve not work.;GERMANY

P20A2 when ZAS is turned off,intake valve of some cylinder inactive.

P20A2 when ZAS is turned off,some cylinder exhaust valve not work.;GERMANY

P20A3 7-9 cylinder CAT too weak.(P0432)

P20A4 10-12 cylinder CAT too weak.(P0432)

P20A5 G3/7 (left O2 sensor,before CAT,cylinder 7-9):aging,calibration program jump over (P0153)

P20A6 G3/8 (left O2 sensor,before CAT,cylinder 10-12):aging,calibration program jump over (P0153)

P20A7 G3/7 (left O2 sensor,before CAT,cylinder 7-9):aging,used too long (P0153)

P20A8 G3/8 (left O2 sensor,before CAT,cylinder 10-12):aging,used too long (P0153)

P20A9 G3/7 (left O2 sensor,before CAT,cylinder 7-9),electrical malfunction (P0150)

P20AA G3/8 (left O2 sensor,before CAT,cylinder 10-12),electrical malfunction (P0150)

P20AB G3/11 (left O2 sensor,after CAT,cylinder 7-9),electrical malfunction (P0156)

P20AC G3/12 (left O2 sensor,after CAT,cylinder 10-12),electrical malfunction (P0156)

P20AD cylinder 7-9 mixture formation unit adaptation reaches limit.(part load)(P0173)

P20AE 10-cylinder 12 mixture formation unit adaptation reaches limit.(part load)(P0173)

P20AF cylinder 7-9 mixture formation unit adaptation reaches limit.(idle)(P0173)

P20B0 cylinder 10-12 mixture formation unit adaptation reaches limit.(idle)(P0173)

P20B1 cylinder 7-9 mixture formation unit adaptation reaches limit.(between idle and part load)

P20B2 cylinder 10-12 mixture formation unit adaptation reaches limit.(between idle and part load)

P20B3 component G3/7 (left O2 sensor,before CAT,cylinder 7-9) heating (P0155)

P20B4 component G3/8 (left O2 sensor,before CAT,cylinder 10-12) heating (P0155)

P20B5 component G3/11 (left O2 sensor,after CAT,cylinder 7-9) heating (P0161)

P20B6 component G3/12 (left O2 sensor,after CAT,cylinder 10-12) heating (P0161)

P20B7 Increased idle speed due to SBC low-voltage:Check current and voltage on vehicle./No control module defective (P1999.183)

P20B8 B6/2 (camshaft Hall sensor,left cylinder bank)(P0340)

P20B9 Y62y9 (cylinder 9 fuel injector)(P0209)

P20BA Y62y12 (cylinder 12 fuel injector)(P0212)

P20BB Y62y8 (cylinder 8 fuel injector)(P0208)

P20BC Y62y10 (cylinder 10 fuel injector)(P0210)

P20BD rotate angle error between left cylinder bank camshaft and crankshaft (P0378)

P20BE component G3/9 (right O2 sensor,before CAT,cylinder 1-3) heating,supply voltage (P0135)

P20BE Heating of component G3/4 (Right O2 sensor,before TWC[KAT]),Voltage supply (P0135)

P20BF component G3/10 (right O2 sensor,before CAT,cylinder 4-6) heating,supply voltage (P0135)

P20BF Heating of component G3/3 (Left O2 sensor,befor TWC[KAT]),Voltage supply (P0135)

P20C0 component G3/7 (left O2 sensor,before CAT,cylinder 7-9) heating,supply voltage (P0155)

P20C1 component G3/8 (left O2 sensor,before CAT,cylinder 10-12) heating,supply voltage (P0155)

P20C2 component G3/13 (right O2 sensor,after CAT,cylinder 1-3) heating,supply voltage (P0141)

P20C2 Heating of component G3/6 (Right O2 sensor,after TWC[KAT]),Voltage supply (P0141)

P20C3 component G3/14 (right O2 sensor,after CAT,cylinder 4-6) heating,supply voltage (P0141)

P20C3 Heating of component G3/5 (Left O2 sensor,after TWC[KAT]),Voltage supply (P0141)

P20C4 component G3/11 (left O2 sensor,after CAT,cylinder 7-9) heating,supply voltage (P0161)

P20C5 component G3/12 (left O2 sensor,after CAT,cylinder 10-12) heating,supply voltage (P0161)

P20C6 G3/11 (left O2 sensor,after CAT,cylinder 7-9),no special condition change

P20C7 G3/12 (left O2 sensor,after CAT,cylinder 10-12),no special condition change

P20C8 Y32/1 (air pump conversion switch,left cylinder bank)(P0415)

P20C9 left cylinder bank intake unit error operation (work link)(P0410)

P20CA No CAN message Vehicl
N47-5 (ESP control module) or message faulty.(P0500)

P20CA no RL wheel speed signal or error signal from N47-5 (electronic stable program controller) controller BUS (P0500)

P20CB No CAN message Vehic
N47-5 (ESP control module) or message faulty.(P0500)

P20CB no FL wheel speed signal or error signal from N47-5 (electronic stable program controller) controller BUS (P0500)

P20CC Rough road detection s

P20CD A/C compressor torque error

P20CD AC compressor torque implausible

P20CE A/C refrigerant pressure too high

P20CE Refrigerant pressure in air conditioning too high

P20CF component B37 (pedal position sensor) voltage difference error between signal 1 and signal 2 (P0120)

P20CF The voltage difference between signal 1 and signal 2 of component B37 (Pedal value sensor) is implausible.(P0120)

P20D0 A/C request an error ventilation efficiency.

P20D0 The air conditioning requests an implausible fan output.

P20D1 The torque request from control module N63/1 (DTR control module) is implausible.

P20D1 torque request error from N63/1 (DTR controller) controller.

P20D2 CAN transmission error of torque request from control module N63/1 (DTR control module)

P20D2 controller N63/1 (DTR controller) torque request BUS transmission error

P20D3 CAN transmission error of torque request from control module N63/1 (DTR control module)

P20D3 controller N63/1 (DTR controller) torque request BUS transmission error

P20D4 load limit valid.

P20D4 The load limit is active.

P20D5 controller N15/3 (EGS controller) torque request error.(P0702)

P20D5 The torque request from control module N15/3 (ETC control module) is implausible.(P0702)

P20D6 CAN transmission error of torque request from control module N15/3 (ETC control module)(P0702)

P20D6 controller N15/3 (EGS controller) torque request BUS transmission error (P0702)

P20D7 CAN transmission error of torque request from control module N15/3 (ETC control module)(P0702)

P20D7 controller N15/3 (EGS controller) torque request BUS transmission error (P0702)

P20D8 electronic stable program malfunction

P20D8 ESP fault

P20D9 controller N47-5 (ESP controller) torque request error.

P20D9 The torque request from control module N47-5 (ESP control module) is implausible.

P20DA CAN transmission error of torque request from control module N47-5 (ESP control module)

P20DA controller N47-5 (ESP controller) torque request BUS transmission error

P20DB CAN transmission error of torque request from control module N47-5 (ESP control module)

P20DB controller N47-5 (ESP controller) torque request BUS transmission error

P20DC B37 (pedal position sensor),signal channel 1 open(P0120)

P20DC B37 (Pedal value sensor),Open circuit at signal path 1 (P0120)

P20DD B37 (pedal position sensor),signal channel 1 short(P0120)

P20DD B37 (Pedal value sensor),Short circuit at signal path 1 (P0120)

P20DE B37 (pedal position sensor),signal channel 2 open(P0120)

P20DE B37 (Pedal value sensor),Open circuit at signal path 2 (P0120)

P20DF B37 (pedal position sensor),signal channel 2 short(P0120)

P20DF B37 (Pedal value sensor),Short circuit at signal path 2 (P0120)

P20E0 Ignore fault code and erase fault memory.

P20E0 software error,memory clear error.

P20E1 Ignore fault code and erase fault memory.

P20E1 software error,memory clear error.

P20E2 Ignore fault code and erase fault memory.

P20E2 software error,memory clear error.

P20E3 component B37 (pedal position sensor) supply voltage (P0120)

P20E3 Voltage supply of component B37 (Pedal value sensor)(P0120)

P20E4 error signal from component S9/1 (brake light switch)

P20E4 Implausible signal from component S9/1 (Stop lamp switch)

P20E5 CAN transmission error of signal from component S9/1 (Stop lamp switch)

P20E5 component S9/1 (brake light switch) signal BUS transmission error

P20E6 CAN transmission error of signal from component S9/1 (Stop lamp switch)

P20E6 component S9/1 (brake light switch) signal BUS transmission error

P20E7 cylinder 1 ion current signal lose or error.(P0301)

P20E8 cylinder 2 ion current signal lose or error.(P0302)

P20E9 cylinder 3 ion current signal lose or error.(P0303)

P20EA cylinder 4 ion current signal lose or error.(P0304)

P20EB cylinder 5 ion current signal lose or error.(P0305)

P20EC cylinder 6 ion current signal lose or error.(P0306)

P20ED cylinder 1 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20EE cylinder 2 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20EF cylinder 3 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20F0 cylinder 4 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20F1 cylinder 5 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20F2 cylinder 6 spark plug a,b or ignition mode ECI,right cylinder bank (N92/1)

P20F3 cylinder 7 ion current signal lose or error.(P0307)

P20F4 cylinder 8 ion current signal lose or error.(P0308)

P20F5 cylinder 9 ion current signal lose or error.(P0309)

P20F6 cylinder 10 ion current signal lose or error.(P0310)

P20F7 cylinder 11 ion current signal lose or error.(P0311)

P20F8 cylinder 12 ion current signal lose or error.(P0312)

P20F9 cylinder 7 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P20FA cylinder 8 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P20FB cylinder 9 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P20FC cylinder 10 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P20FD cylinder 11 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P20FE cylinder 12 spark plug a,b or ignition mode ECI,right cylinder bank (N92/2)

P2100 Component Y3/6y3 (1-2 and 4-5 shift solenoid valve) is faulty.

P2100 The internal electrical check of component Y3/6y3(1-2 and 4-5 shift solenoid valve) has failed.

P2100 Throttle Actuator Control Motor Circuit/Open

P2101 Component Y3/6y3(1-2 and 4-5 shift solenoid valve) has a short circuit to ground.

P2101 Throttle Actuator Control Motor Circuit Range/Performance

P2102 Component Y3/6y5 (2-3 shift solenoid valve) is faulty.

P2102 The internal electrical check of Component Y3/6y5(2-3 shift solenoid valve) has failed.

P2103 Component Y3/6y5(2-3 shift solenoid valve) has a short circuit to ground.

P2104 Component Y3/6y4 (3-4 shift solenoid valve) is faulty.

P2104 The internal electrical check of Component Y3/6y4(3-4 shift solenoid valve) has failed.

P2105 Component Y3/6y4(3-4 shift solenoid valve) has a short circuit to ground.

P2106 Component Y3/6y6 (Torque converter lockup PWM solenoid valve) is faulty.

P2106 The internal electrical check of Component Y3/6y6(Torque converter lockup PWM solenoid valve) has failed.

P2107 Component Y3/6y1 (Modulating pressure control solenoid valve) is faulty.

P2107 The internal electrical check of Component Y3/6y1(Modulating pressure control solenoid valve) has failed.

P2108 Component Y3/6y2 (Shift pressure control solenoid valve) is faulty.

P2108 The internal electrical check of Component Y3/6y2(Shift pressure control solenoid valve) has failed.

P2109 Component Y66/1(Reversing and parking lock solenoid) has short circuit or no connection.

P210A The cable to component K38/3(Starter lockout relay) has short circuit or no connection.

P2193 Injector classification Plausibility

P2193 Injector classification:Checksum is incorrect.

P2193 Injector classification:Invalid injector class

P2200 Component Y3/6n2(speed sensor 2) is faulty or the sensor supply has Short circuit.

P2200 Instrument cluster Fault from instrument cluster over CAN

P2200 Instrument cluster Preglow indicator lamp faulty

P2201 CAN message from control module DAS Plausibility 1

P2201 CAN message from control module DAS Plausibility 2

P2201 CAN message from control module DAS:CAN signal faulty

P2201 No or incorrect CAN message from control unit DAS

P2202 External quantity control by DTR control module Not all CAN messages have been received.

P2202 External quantity control by DTR control module Request from control module N63/1 (DTR control module) is implausible.

P2202 External quantity control by DTR control module The CAN message is implausible

P2202 External quantity control by DTR control module Torque request from control module N63/1 (DTR control module) is faulty.

P2203 Component Y3/6n3 (speed sensor 3) is faulty.

P2203 External quantity control by ESP NO COMMUNICATION

P2203 External quantity control by ESP Not all CAN message have been received.

P2203 External quantity control by ESP Request from control module ESP is implausible.1

P2203 External quantity control by ESP Request from control module ESP is implausible.2

P2203 External quantity control by ESP The CAN message is implausible.

P2203 External quantity control by ESP Torque request from control module ESP is faulty.

P2203 The internal electrical check of Component Y3/6n3(speed sensor 3) has failed.

P2204 External quantity control by ETC CAN reception timeout

P2204 External quantity control by ETC ENGINE STOP

P2204 External quantity control by ETC Not all CAN messages have been received.

P2204 External quantity control by ETC Read fault memory of control unit N15/3 (ETC control module).

P2204 External quantity control by ETC Read fault memory of control unit Transmission control.

P2204 External quantity control by ETC Request from control module N15/3 (ETC control module) is implausible.

P2204 External quantity control by ETC The CAN message is implausible.

P2204 External quantity control by ETC Torque request from control module N15/3 (ETC control module) is faulty.

P2206 No signal from output speed sensor

P2207 The value of component Y3/6n3 (speed sensor 3) is implausible.

P2208 transmission: The speed of Y3/6n2 to Y3/6n3 is excessive

P220A The speed comparison of Y3/6n2 or Y3/6n3 is implausible.

P220B The speed of Y3/6n2 or Y3/6n3 is too high.

P2210 Selector lever coding is invalid.

P2211 The selector lever is in an intermediate position.

P2212 The selector lever position is implausible.

P2220 Component Y3/6s1(Starter lockout contact) or component Y3/6b1 (ATF temperature sensor) is faulty or both.

P2221 The signal of component Y3/6b1 (ATF temperature sensor) and (or) Y3/6s1 (Starter lockout contact) is implausible.

P2222 The signal of component Y3/6b1 (ATF temperature sensor) and (or) Y3/6s1 (Starter lockout contact) is implausible.

P2228 P2227 P2227 Pressure sensor ME-SFI Altitude

P2300 CAN communication is faulty.

P2300 CAN communication with other control units installed in this vehicle is not possible.

P2301 CAN communication is faulty.

P2301 CAN communication with other control units installed in this vehicle is not possible.

P2306 N3/9 (CDI control module) Sensor supply voltage 2 Readout too large

P2306 N3/9 (CDI control module) Sensor supply voltage 2 Readout too small

P2310 CAN communication with the traction system is faulty.

P2310 One or more messages from control unit N47(Traction systems control module) are not available on the CAN bus.

P2311 CAN communication with the engine system is faulty.

P2311 One or more messages from the engine control unit are not available on the CAN bus.

P2312 CAN communication with the engine system is faulty or engine temperature is implausible.

P2312 One or more messages from the engine control unit are not available on the CAN bus.

P2313 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.

P2314 Fault in CAN communication with control unit N73 (EIS control module)

P2314 One or more messages from control unit N73(EIS control module) are not available on the CAN bus.

P2315 Fault in CAN communication with control unit A1 (Instrument cluster)

P2315 One or more messages from control unit A1(Instrument cluster) are not available on the CAN bus.

P2316 Fault in CAN communication with control unit A1 (Instrument cluster)

P2316 One or more messages from control unit N19(Air conditioning control module) are not available on the CAN bus.

P2317 One or more messages from control unit N78(Transfer case control module) are not available on the CAN bus.

P2317 There is a sporadic fault in CAN communication with control module N78 (Transfer case control module) or the transfer case position is sporadically implausible.

P2318 Fault in CAN communication with control unit N15/5 (electronic selector lever module control module)

P2318 One or more messages from control unit N15/5(electronic selector lever module control module) are not available on the CAN bus.

P2319 Analogue-digital converter Dynamic RAM test is incorrect.

P2319 Analogue-digital converter Ground keying of pedal value sensor PWG2 is incorrect.

P2319 Analogue-digital converter Test voltage is incorrect.

P2330 The CAN signal from traction system is faulty.

P2330 The CAN signals sent from control unit N47(Traction systems control module) are incomplete.

P2331 The CAN signal from the engine system is faulty.

P2331 The CAN signals sent from control unit Engine management are incomplete.

P2332 The CAN signal from the engine system is faulty.

P2332 The CAN signals sent from control unit Engine management are incomplete.

P2333 The CAN signal from control module N15/5 (electronic selector module control module) is faulty.

P2333 The CAN signals sent from control unit N15/5(electronic selector module control module) are incomplete.

P2334 The CAN signal from control module N73 (EIS control module) is faulty.

P2334 The CAN signals sent from control unit N73(EIS control module) are incomplete.

P2335 The CAN signal from control module A1 (Instrument cluster) is faulty.

P2335 The CAN signals sent from control module A1(Instrument cluster) are incomplete.

P2336 The CAN signal from control module N73 (EIS control module) and (or) A1 (Instrument cluster) is faulty.

P2336 The CAN signal from control module N73(EIS control module) and (or) A1 (Instrument cluster) is faulty.

P2337 The CAN signal from control module N78 (Transfer case control module) is faulty.

P2337 The CAN signals sent from control unit N78(Transfer case control module) are incomplete.

P2338 The CAN signal from control module N15/5 (electronic selector lever module control module) is faulty.

P2338 The CAN signals sent from control unit N15/5(electronic selector lever module control module) are incomplete.

P2400 The rear right wheel speed of the traction system is implausible.

P2400 The right rear wheel rpm signal sent from the traction system via the CAN bus is implausible.

P2401 The left rear wheel rpm signal sent from the traction system via the CAN bus is implausible.

P2401 The rear left wheel speed of the traction system is implausible.

P2402 The front right wheel speed of the traction system is implausible.

P2402 The right front wheel rpm signal sent from the traction system via the CAN bus is implausible.

P2403 The front left wheel speed of the traction system is implausible.

P2403 The left front wheel rpm signal sent from the traction system via the CAN bus is implausible.

P2404 The CAN signal from component S9/1 (Stop lamp switch) of the traction system is implausible.

P2404 The stop lamp switch signal sent from the traction system via the CAN bus is implausible.

P2405 The accelerator pedal value of the engine system is implausible.

P2405 The accelerator pedal value sent from the engine control unit via the CAN bus is implausible.

P2406 The engine torque from the engine system is implausible.

P2406 The specified static torque sent from the engine control unit via the CAN bus is implausible.

P2407 The default torque of the traction system is implausible.

P2407 The engine torque specified by the traction system and sent from the engine control unit via the CAN bus is implausible.

P2408 The engine torque from the engine system is implausible.

P2408 The maximum engine torque sent from the engine control unit via the CAN bus is implausible.

P2409 The engine torque from the engine system is implausible.

P2409 The maximum engine torque sent from the engine control unit via the CAN bus is implausible.

P240A The engine speed of the engine system is implausible.

P240A The engine speed sent from the engine control unit via the CAN bus is implausible.

P240B The engine speed sent from the engine control unit via the CAN bus is implausible.

P240B The engine temperature from the engine system is implausible.

P240C The CAN signal for the selector lever position from component N15/5 (electronic selector lever module control module) is implausible.

P240C The selector lever position sent from control unit N15/5(electronic selector Lever module control module)via the CAN bus is implausible.

P240D The current transfer case sent from control unit N78(Transfer case control module) via the CAN bus is implausible.

P240D There is a sporadic fault in CAN communication with control module N78 (Transfer case control module) or the transfer case position is sporadically implausible.

P2500 The transmission has an impermissible transmission ratio.

P2501 Engine overevving has occurred.

P2502 The gear is implausible or the transmission is slipping.

P2503 The gear comparison is negative or the target gear is not reached.

P2510 The torque converter lock-up clutch causes impermissible closing.

P2511 Engaging of torque converter lockup clutch not permitted.

P2511 The torque converter lock-up clutch has excessive power consumption.

P2512 Actuation of torque converter lockup clutch is not possible

P2520 The feedback through the transmission protection is not maintained.

P2600 The voltage supply of circuit 87 has undervoltage.

P2601 The voltage supply of circuit 87 has overvoltage.

P2602 The voltage supply of the valves is faulty.

P2603 The voltage supply of the speed sensors is faulty.

Network

U0001 High Speed CAN Communication Bus

U0002 High Speed CAN Communication Bus Performance

U0003 High Speed CAN Communication Bus (+) open

U0004 High Speed CAN Communication Bus (+) low

U0005 High Speed CAN Communication Bus (+) high

U0006 High Speed CAN Communication Bus (-) open

U0007 High Speed CAN Communication Bus (-) low

U0008 High Speed CAN Communication Bus (-) high

U0009 High Speed CAN Communication Bus (-) shorted to Bus (+)

U0010 Medium Speed CAN Communication Bus

U0011 Medium Speed CAN Communication Bus Performance

U0012 Medium Speed CAN Communication Bus (+) open

U0013 Medium Speed CAN Communication Bus (+) low

U0014 Medium Speed CAN Communication Bus (+) high

U0015 Medium Speed CAN Communication Bus (-) open

U0016 Medium Speed CAN Communication Bus (-) low

U0017 Medium Speed CAN Communication Bus (-) high

U0018 Medium Speed CAN Communication Bus (-) shorted to Bus (+)

U0019 Low Speed CAN Communication Bus

U0020 Low Speed CAN Communication Bus Performance

U0021 Low Speed CAN Communication Bus (+) open

U0022 Low Speed CAN Communication Bus (+) low

U0023 Low Speed CAN Communication Bus (+) high

U0024 Low Speed CAN Communication Bus (-) open

U0025 Low Speed CAN Communication Bus (-) low

U0026 Low Speed CAN Communication Bus (-) high

U0027 Low Speed CAN Communication Bus (-) shorted to Bus (+)

U0028 Vehicle Communication Bus A

U0029 Vehicle Communication Bus A Performance

U0030 Vehicle Communication Bus A (+) open

U0031 Vehicle Communication Bus A (+) low

U0032 Vehicle Communication Bus A (+) high

U0033 Vehicle Communication Bus A (-) open

U0034 Vehicle Communication Bus A (-) low

U0035 Vehicle Communication Bus A (-) high

U0036 Vehicle Communication Bus A (-) shorted to Bus (+)

U0037 Vehicle Communication Bus B

U0038 Vehicle Communication Bus B Performance

U0039 Vehicle Communication Bus B (+) open

U0040 Vehicle Communication Bus B (+) low

U0041 Vehicle Communication Bus B (+) high

U0042 Vehicle Communication Bus B (-) open

U0043 Vehicle Communication Bus B (-) low

U0044 Vehicle Communication Bus B (-) high

U0045 Vehicle Communication Bus B (-) shorted to Bus (+)

U0046 Vehicle Communication Bus C

U0047 Vehicle Communication Bus C Performance

U0048 Vehicle Communication Bus C (+) open

U0049 Vehicle Communication Bus C (+) low

U0050 Vehicle Communication Bus C (+) high

U0051 Vehicle Communication Bus C (-) open

U0052 Vehicle Communication Bus C (-) low

U0053 Vehicle Communication Bus C (-) high

U0054 Vehicle Communication Bus C (-) shorted to Bus (+)

U0055 Vehicle Communication Bus D

U0056 Vehicle Communication Bus D Performance

U0057 Vehicle Communication Bus D (+) open

U0058 Vehicle Communication Bus D (+) low

U0059 Vehicle Communication Bus D (+) high

U0060 Vehicle Communication Bus D (-) open

U0061 Vehicle Communication Bus D (-) low

U0062 Vehicle Communication Bus D (-) high

U0063 Vehicle Communication Bus D (-) shorted to Bus (+)

U0064 Vehicle Communication Bus E

U0065 Vehicle Communication Bus E Performance

U0066 Vehicle Communication Bus E (+) open

U0067 Vehicle Communication Bus E (+) low

U0068 Vehicle Communication Bus E (+) high

U0069 Vehicle Communication Bus E (-) open

U0070 Vehicle Communication Bus E (-) low

U0071 Vehicle Communication Bus E (-) high

U0072 Vehicle Communication Bus E (-) shorted to Bus (+)

U0073 Control Module Communications Bus Off

U0100 Lost Communication with ECM/PCM A

U0101 Lost Communication with TCM

U0102 Lost Communication with Transfer Case Control Module

U0103 Lost Communication with Gear Shift Module

U0104 Lost Communication with Cruise Control Module

U0105 Lost Communication with Fuel Injector Control Module

U0192 Lost Communication with Television

U0197 Lost Communication with Telephone Control Module

U0198 Lost Communication with Telematic Control Module

U0222 Lost Communication with Door Window Motor A

U0235 Lost Communications with Cruise Control Front Distance Range Sensor

U0301 Software Incompatibility with ECM/PCM

U0302 Software Incompatibility with TCM (Transmission Control Module)

U0303 Software Incompatibility with Transfer Case Control Module

U0321 Software Incompatibility with Ride Level Control Module

U0326 Software Incompatibility with Vehicle Immobilizer Control Module

U0327 Software Incompatibility with Vehicle Security Control Module