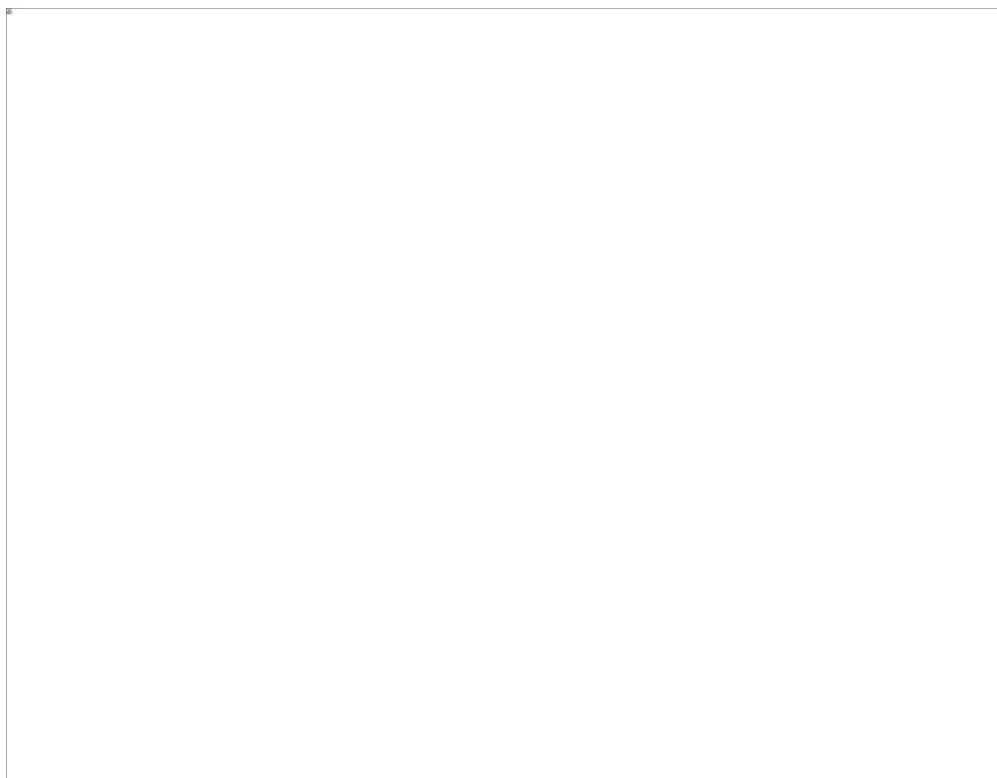


Diagnostic Trouble Codes

A DTC is made up of 5 digits. The figure below is a DTC layout:



Mercedes-Benz DTCs for 1996 and later models

Powertrain

- 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
- P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input
- P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input
- P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
- P0110 Intake Air Temperature Circuit Malfunction
- 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, open circuit bef cat right)
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, open circuit before cat)
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 MAF (mass air 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" Malfunction (Cam/Rotor/Injector)
P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
P0257 Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
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 <--- often indicates catalytic converter problem (says BOTONOSI)
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 Malfunction
P0419 Secondary Air Injection System Relay "B" Circuit Malfunction
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
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 Malfunction
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 Malfunction
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
P1101 Ambient air temperature display temperature sensor
P1102 Ambient air temperature display temperature sensor
P1103 Ambient air temperature display temperature sensor
P1104 Ambient air temperature display temperature sensor
P1200 Positioning of camshaft of right cylinder bank impaired with respect
P1208 to crankshaft, Indicates worn sprocket on the balancer shaft (M272) or worn guide gear
for timing chain (M273)
P1228 yet unknown code on 1997 C 220 CDI
P1345 problem with cables to hot film mass air flow sensor or HFM itself
P1346 problem with cables to hot film mass air flow sensor or HFM itself
P1347 5 pin connector to hot film mass air flow sensor unplugged during two key cycles
P1349 measured air in HFM sensor unplausible compared to throttle flap
P1350 measured air in HFM sensor unplausible compared to throttle flap
P1351 measured air in HFM sensor unplausible compared to throttle flap
P1352 measured air in HFM sensor unplausible compared to throttle flap
P1386 knock control
P1519 Idle Air Control Valve Circuit Failure
P1570 Intermittant No-Start Immobiliser Module
P1581 ?
P1599 Ambient air temperature display temperature sensor
P1600 Ambient air temperature display temperature sensor
P1629 transmission limp home due to under voltage
P1632 transmission limp home due to under voltage
P1633 transmission limp home due to under voltage
P1634 transmission limp home due to under voltage

P1636 transmission limp home due to under voltage

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

P1831 Transfer case: Position motor, position sensor, power supply is faulty

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

P1857 ratio of HFM sensor signal to intake manifold pressure out of range

P1858 ratio of HFM sensor signal to intake manifold pressure out of range

P1910 Electronic Gear Selector Module: Control Unit over voltage

P1912 Electronic Gear Selector Module: Weak touch push button voltage

P1999 load limit is active

P2000 NOx Trap Efficiency Below Threshold (Bank 1)

P2001 NOx Trap Efficiency Below Threshold (Bank 2)

P2002 M44 (charge air cooler circulation pump)

P2003 Particulate Trap Efficiency Below Threshold (Bank 1)

P2004 Particulate Trap Efficiency Below Threshold (Bank 2)

P2004 MAF sensor wire harness or connector problem (voltage low, high, fluctuating, implausible)

P2006 MAF sensor disconnected with engine running

P2006/002 B17/8 Charge air temperature sensor: short circuit to positive or open

P2013 cause 47155737/18893 Charcol canister shut-off valve leaking

P2016 Self adaptation of mixture formation from bank1/2 of cylinder is at P2085 max/min limit at part throttle

P2017 Self adaptation of mixture formation from bank1/2 of cylinder is at P2086 max/min limit at idle speed

P2025 fault with cable of intake air temperature sensor

P2026 5 pin HFM connector unplugged two key cycles

P2027 Intake air temperature too high/Check coolant pump& additional radiator

P2029 measured value of intake air temperature sensor implausible

P2030 measured value of intake air temperature sensor implausible

P2032 measured value of intake air temperature sensor implausible

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

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

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

P2034 Faulty crankshaft position sensor detected at startup due to camshaft sensor, update software

P2039 Oil level sensor If all three set in M112/M113, cable/wiring fault

P2040 Oil level sensor If two of these are set, replace sensor

P2041 Oil level sensor Applies to M-class with M112/M113 engines

P2069 Ambient air temperature display sensor

P2070 Ambient air temperature display sensor
P2080 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 1)
P2081 Exhaust Gas Temperature Sensor Circuit intermittent (Bank 1 Sensor 1)
P2085 (see P2016)
P2086 (see P2017)
P202E M16/6 Throttle valve actuator: Line transposed
P208E M16/7 Recirculating air flap actuator: line transposed
P2089 (A) self adaptation R cyl bank for enrich at partial load above limit
P2090 (C) self adaptation R cyl bank for enlean at partial load below limit
P2091 (E) self adaptation R cyl bank for enrich at idle load above limit
P2092 (G) self adaptation R cyl bank for enlean at idle load below limit
P2093 (B) self adaptation L cyl bank for enrich at partial load above limit
P2094 (D) self adaptation L cyl bank for enlean at partial load below limit
P2095 (F) self adaptation L cyl bank for enrich at idle load above limit
P2096 (H) self adaptation L cyl bank for enlean at idle load below limit
P20E1 Charge air coolant circuit: charge air temperature is too high
P2100 Throttle Actuator Control Motor Circuit/Open
P2101 Throttle Actuator Control Motor Circuit Range/Performance
P2181 5 pin connector to hot film air mass sensor connection problem
P2182 5 pin connector to HFM unplugged during two key cycles
P2208 transmission: The speed of Y3/6n2 to Y3/6n3 is excessive
P2200 transmission: limp home, speed sensor ring K1 error
P2201 transmission: limp home, speed sensor ring K1 error
P2311 ETC one or more messages from the ECU and not available in the CAN bus ETC is electronic transmission control unit
P2312 ETC Message "Coolant Temperature" not available in CAN-bus
P2314 ETC one or more messages from N93 central gateway not on CAN bus
P2315 ETC message "kilometer reading" from control unit A1 instrument cluster not on CAN bus
P2326 ETC message from N22 AAC pushbutton control unit not on CAN bus
P2355-002 Check system EGR, air mass is too large, check/replace EGR line
P2404 ETC stop lamp switch signal sent from ETC via CAN bus implausible
P2767 transmission: limp home, speed sensor ring K1 error
P2768 transmission: limp home, speed sensor ring K1 error

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
B1016 EIS No enable from control module EWM (Electronic Selector Lever Module)

B1021 CAN fault N10-1 or A37

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

B1132 Alarm activated via S62/7 glovebox switch

B1153 Component B48 (Front passenger seat occupied and child recognition) has only detected one transponder (could also be memory card on front passenger seat)

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)

B1128 Heater core temperature (B10/1)

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) The plug connection has poor contact or is loose, or the sensor or cable is faulty

B1310 Left/Window airbag sensor is defective

B1315 Problem in Front passenger child seat recognition (could also be memory card on front passenger seat)

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

B1470 Fuel level sensor has on open

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 adjustment 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
B1709 Component H3 alarm siren - not fitted or not coded
B1711 Alarm activated via hood switch S62
B1725 Alarm activated via ATA towing sensor in PSE)
B1729 PSE Pneumatic system doorlock Control Module A37
B1736 Navigation system's CD Player: Check General CD, Check CD data block, 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
B1795 Fault in CAN communication with EIS control module
B1850 Electric seat adjustment front right: CAN communication interrupted with DCM
B1858 Two-way radio signal. The programmed code is ok, but the programmable code is not synchronised.
B1863 Belt pretensioner driver's side resistance too high (stored in airbag ECU)
B1864 Belt pretensioner passenger's side resistance too high
B1867 Ignition circuit with component R12/9 (left front side airbag ignition squib) has < Ohm
B1869 left rear side airbag ignition squib has < Ohms
B1871 right front side airbag ignition squib has < Ohms
B1873 right rear side airbag ignition squib has < Ohms
B1980 Fault at interface between trip computer and magnetic compass
B2708 ?

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
C1022 ESP CAN communication with the engine system is faulty
C1024 CAN Communication With Engine Control Module Interrupted
C1025-003 CAN Communication BAS communication with ESP control unit faulty
C1032
C1034-000 ESP No signal via CAN from the ETC (electronic transmission control unit)
C1035 ESP Fault in CAN communication with N80 steering column module

C1043-015 No signal via CAN bus from the IC instrument cluster
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 B34 ESP Brake Pressure Sensor (Electrical Fault)
C1140 Steering Angle Sensor N49 faulty
C1142 ABS Lateral Acceleration Sensor Open/Shorted
C1144 AIRmatic: fault in component B7 (pressure sensor)
C1140 ESP fault: pin 18,19,20 on ESP controller corroded
C1145 ESP fault: pin 18,19,20 on ESP controller corroded
C1145 Zero Point Offset Error Of Component B34 (ESP Brake Pressure Sensor)
C1185 A7/7b1 BAS Diaphragm Travel Sensor (Electrical Fault)
C1186 A7/7b1 BAS Diaphragm Travel Sensor (Zero Point Variation)
C1187 A7/7b1 BAS Diaphragm Travel Sensor (Open Circuit)
C1200 BAS/ETS light on: stop light switch defective
C1201
C1202
C1207 stop light switch defective
C1303 Right Front Axle Solenoid Valve (Hold) Open/Shorted
C1304
C1311 Switchover Solenoid Valve (Release) Open/Shorted
C1312 Master Cylinder Switchover Valve
C1401 High Pressure Return Pump Circuit Open/Shorted; Will Not Shut Off
C1401 High Pressure Return Pump A73N1; ABS return pump relay K25
C1501 SPS P-Valve
C1504 BAS light, play in steering column causes steering angle sensor to lose memory(?)
C1512 Brakes Overheated
C1525 ABC Critical vehicle level
C1600 Temperature After Engine Is Turned Off

Other Systems

D004 (in AGW) control module switched off due to excessive temperature

D100 MOST fault in segment 0+1
D101 MOST fault in CP segment 2
D102 MOST fault in CP segment 2
D103 MOST fault in segment 3
D104 MOST fault in segment 4
D105 MOST fault in segment 5
D117 MOST configuration deviates from spec
D500 microphone 1 has short to ground
D640 CAN bus to control unit CGW (CAN D): CAN reception timeout of data of control unit CGW
D662 Control unit Telecommunications is faulty: 'CTEL' transmitter and receiver unit
N1100 TeleAid: No signal received from right side speed sensors.
N1101 TeleAid: No signal received from left side speed sensors.
N1111 MCS fault code: audio muted, CD changer briefly interrupted, updated SW
N1112 MCS: Lost Communication between D2B master and other device
N1113 MCS: Lost Communication between D2B master and other device
N1116 MCS: Failure in D2B ring. Fault in position 1 in D2B ring.
N1141 MCS fault code: Set-actual configuration of D2B ring differs from actual.
N1150 MCS fault code: Unknown fault code: update to DAS > 04/2003
N1241 CD fault, CD can not be read.
90C7 ATA Fault Code in rear SAM: Communication fault with component H3/1
9117 fault in CAN communication with control unit Telecommunication
9200 SRS: resistance value in the ignition circuit with R12/13 is too high
9210 SRS: resistance value in the ignition circuit with R13/14 is too high
9260 SRS: resistance in drivers airbag too high. Replace Wiring.
9386 AGW no longer sends on CAN

This list is neither complete nor error free. Any and all additions and corrections welcome.