Mercedes-Benz Diagnostic Trouble Codes (DTC) for 1996+ 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 before cat)
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 vacuum leaks first or faulty MAF (mass air flow)
ember
P0171  System too Lean (Bank 1)            System too Rich (Bank 1)
P0172  Fuel Trim Malfunction (Bank 2)    Fuel Trim Malfunction (Bank 2)
P0174  System too Lean (Bank 2)               System too Rich (Bank 2)
P0175  System too Rich (Bank 2)              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
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
P0324  Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
P0325  Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0326  Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
P0327  Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0328  Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
P0329  Knock Sensor 2 Circuit Malfunction (Bank 2)
P0330  Knock Sensor 2 Circuit Range/Performance (Bank 2)
P0331  Knock Sensor 2 Circuit Low Input (Bank 2)
P0332  Knock Sensor 2 Circuit High Input (Bank 2)
P0333  Knock Sensor 2 Circuit Intermittent (Bank 2)
P0334  Knock Sensor 2 Circuit Low Input (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
P0345  Ignition Coil Primary/Secondary Circuit Malfunction
P0346  Ignition Coil A Primary/Secondary Circuit Malfunction
P0347  Ignition Coil B Primary/Secondary Circuit Malfunction
P0348  Ignition Coil C Primary/Secondary Circuit Malfunction
P0349  Ignition Coil D Primary/Secondary Circuit Malfunction
P0350  Ignition Coil E Primary/Secondary Circuit Malfunction
P0351  Ignition Coil F Primary/Secondary Circuit Malfunction
P0352  Ignition Coil G Primary/Secondary Circuit Malfunction
P0353  Ignition Coil H Primary/Secondary Circuit Malfunction
P0354  Ignition Coil I Primary/Secondary Circuit Malfunction
P0355  Ignition Coil J Primary/Secondary Circuit Malfunction
P0356  Ignition Coil K Primary/Secondary Circuit Malfunction
P0357  Ignition Coil L Primary/Secondary Circuit Malfunction
P0358  Timing Reference High Resolution Signal A Malfunction
P0359  Timing Reference High Resolution Signal A Too Many Pulses
P0360  Timing Reference High Resolution Signal A Too Few Pulses
P0361  Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
P0362  Timing Reference High Resolution Signal A No Pulses
P0363  Timing Reference High Resolution Signal B Malfunction
P0364  Timing Reference High Resolution Signal B Too Many Pulses
P0365  Timing Reference High Resolution Signal B Too Few Pulses
P0366  Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
P0367  Timing Reference High Resolution Signal B No Pulses
P0368  Glow Plug/Heater Circuit "A" Malfunction
P0369  Glow Plug/Heater Indicator Circuit Malfunction
P0370  Exhaust Gas Recirculation Flow Malfunction
P0371  Crankshaft Position Sensor B Circuit Malfunction
P0372  Crankshaft Position Sensor B Circuit Range/Performance
P0373  Crankshaft Position Sensor B Circuit Low Input
P0374  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
P0577  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
P0610  Generator Control Circuit Malfunction
P0611  Generator Lamp "L" Control Circuit Malfunction
P0612  Generator Field "F" Control Circuit Malfunction
P0613  Generator Field "F" Control Circuit Malfunction
P0614  Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
P0615  Engine RPM Output Circuit Malfunction
P0616  Engine Hot Lamp Output Control Circuit Malfunction
P0617  Fuel Level Output Circuit Malfunction
P0618  Transmission Control System Malfunction
P0619  Transmission Control System Range/Performance
P0620  Transmission Control System Electrical
P0621  Torque Converter/Brake Switch B Circuit Malfunction
P0622  Clutch Switch Input Circuit Malfunction
P0623  Transmission Range Sensor Circuit malfunction (PRNDL Input)
P0624  Transmission Range Sensor Circuit Range/Performance
P0625  Transmission Range Sensor Circuit Low Input
P0626  Transmission Range Sensor Circuit High Input
P0627  Transmission Range Sensor Circuit Intermittent
P0628  Transmission Fluid Temperature Sensor Circuit Malfunction
P0629  Transmission Fluid Temperature Sensor Circuit Range/Performance
P0630  Transmission Fluid Temperature Sensor Circuit Low Input
P0631  Transmission Fluid Temperature Sensor Circuit High Input
P0632  Transmission Fluid Temperature Sensor Circuit Intermittent
P0633  Input/Turbine Speed Sensor Circuit Malfunction
P0634  Input/Turbine Speed Sensor Circuit Range/Performance
P0635  Input/Turbine Speed Sensor Circuit No Signal
P0636  Input/Turbine Speed Sensor Circuit Intermittent
P0637  Torque Converter/Brake Switch B Circuit Low
P0638  Output Speed Sensor Circuit Malfunction
P0639  Output Speed Sensor Range/Performance
P0640  Output Speed Sensor No Signal
P0641  Output Speed Sensor Intermittent
P0642  Torque Converter/Brake Switch B Circuit High
P0643  Engine Speed input Circuit Malfunction
P0644  Engine Speed Input Circuit Range/Performance
P0645  Engine Speed Input Circuit No Signal
P0646  Engine Speed Input Circuit Intermittent
P0647  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
P1228  yet unknown code on 1997 C 220 CDI
P1386  knock control
P1570  Intermittant No-Start Immobiliser Module
P1581  ?
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
P1832  Electronic Gear Selector Module: SHORT in circuit N15/5 output stage
Electronic Gear Selector Module: Control Unit over voltage
Electronic Gear Selector Module: Weak touch push button voltage
load limit is active
NOx Trap Efficiency Below Threshold (Bank 1)
NOx Trap Efficiency Below Threshold (Bank 2)
Particulate Trap Efficiency Below Threshold (Bank 1)
Particulate Trap Efficiency Below Threshold (Bank 2)
MAF sensor wire harness or connector problem (voltage low, high, fluctuating, implausible)
MAF sensor disconnected with engine running
cause 47155737/18893 Charcol canister shut-off valve leaking
Self adaptation of mixture formation from bank1/2 of cylinder is at max/min limit at part throttle
Self adaptation of mixture formation from bank1/2 of cylinder is at max/min limit at idle speed
Exhaust Gas Temperature Sensor Circuit (Bank 1 Sensor 2)
Exhaust Gas Temperature Sensor Circuit Low (Bank 1 Sensor 2)
Exhaust Gas Temperature Sensor Circuit High (Bank 1 Sensor 2)
Oil level sensor If all three set in M112/M113, cable/wiring fault
Oil level sensor If two of these are set, replace sensor
Oil level sensor Applies to M-class with M112/M113 engines.
Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 1)
Exhaust Gas Temperature Sensor Circuit intermittent (Bank 1 Sensor 1)
(see P2016)
(see P2017)
Throttle Actuator Control Motor Circuit/Open
Throttle Actuator Control Motor Circuit Range/Performance
transmission: The speed of Y3/6n2 to Y3/6n3 is excessive
HRA Headlamp range adjustment: Supply voltage of the control unit is too low (undervoltage)
LCP Lower Control Panel: Control unit does not match vehicle type
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

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
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.
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
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(?)
C1140   Steering Angle Sensor N49
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 ESP/BAS fault light is on
C1200   BAS/ETS light on: Brake light switch gone bad, replaced with 001-545-31-09
C1207   Brake light switch gone bad replaced with part# 001-545-31-09
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
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

New Systems

N1100   TeleAid: No signal received from right side speed sensors.
N1101   TeleAid: No signal received from left side speed sensors.
N1112   Lost Communication between D2B master and other device
N1116   Failure in D2B ring. Fault in position 1 in D2B ring.
N1241   CD fault, CD can not be read.

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
Low Speed CAN Communication Bus Performance

Vehicle Communication Bus A

Vehicle Communication Bus A Performance

Vehicle Communication Bus B

Vehicle Communication Bus B Performance

Vehicle Communication Bus C

Vehicle Communication Bus C Performance

Vehicle Communication Bus D

Vehicle Communication Bus D Performance

Vehicle Communication Bus E

Vehicle Communication Bus E Performance

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