

Mercedes Benz Manufacturer Codes and Description

EODB OBDII Diagnostic Trouble Codes (DTC) - Mercedes Benz Manufacturer Codes and Description

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

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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

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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 Sensor 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
 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
 P1910 Electronic Gear Selector Module: Control Unit over voltage
 P1912 Electronic Gear Selector Module: Weak touch push button voltage
 P2000 NOx Trap Efficiency Below Threshold (Bank 1)
 P2001 NOx Trap Efficiency Below Threshold (Bank 2)
 P2003 Particulate Trap Efficiency Below Threshold (Bank 1)
 P2004 Particulate Trap Efficiency Below Threshold (Bank 2)
 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)
 P2080 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 1)
 P2081 Exhaust Gas Temperature Sensor Circuit intermittant (Bank 1 Sensor 1)

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P2100 Throttle Actuator Control Motor Circuit/Open
P2101 Throttle Actuator Control Motor Circuit Range/Performance
P2208 transmission: The speed of Y3/6n2 to Y3/6n3 is excessive

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
B1201 Electric seat adjustment front left: Hall sensor front height
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
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
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
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

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C1144 AIRmatic: fault in component B7 (pressure sensor)
 C1200 Stop Light Switch Open/Shorted/Implausible
 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

New Systems

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

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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