

BMW EOBD trouble codes/fault codes P0100 - P0999



- 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 Pedal Position Sensor/Switch A Circuit Malfunction
- P0121 Throttle/Pedal Position Sensor/Switch A Circuit Range/Performance Problem
- P0122 Throttle/Pedal Position Sensor/Switch A Circuit Low Input
- P0123 Throttle/Pedal Position Sensor/Switch A Circuit High Input
- P0124 Throttle/Pedal Position Sensor/Switch A Circuit Intermittent
- P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control
- P0126 Insufficient Coolant Temperature for Stable Operation
- P0127 Intake air temperature - too high
- P0128 Coolant thermostat - coolant temp below thermostat regulating temperature
- P0129 Barometric pressure - too low
- P0130 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 1)
- P0131 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 1)
- P0132 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 1)
- P0133 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 1)
- P0134 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 1)
- P0135 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
- P0136 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)
- P0137 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 2)
- P0138 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 2)
- P0139 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 2)
- P0140 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
- P0141 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)

P0142 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 3)
P0143 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 3)
P0144 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 3)
P0145 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 3)
P0146 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 3)
P0147 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)
P0148 Fuel delivery error
P0149 Fuel timing error
P0150 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 1)
P0151 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 1)
P0152 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 1)
P0153 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 1)
P0154 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0155 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
P0156 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 2)
P0157 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 2)
P0158 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 2)
P0159 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 2)
P0160 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
P0161 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
P0162 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 3)
P0163 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 3)
P0164 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 3)
P0165 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 3)
P0166 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 3)
P0167 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
P0168 Fuel temperature - too high
P0169 Incorrect fuel composition
P0170 Fuel Trim Malfunction (Bank 1)
P0171 System Too Lean (Bank 1)
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 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 U 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 Over Speed Condition
P0220 Throttle/Pedal Position Sensor/Switch B Circuit Malfunction
P0221 Throttle/Pedal Position Sensor/Switch B Circuit Range/Performance Problem
P0222 Throttle/Pedal Position Sensor/Switch B Circuit Low Input
P0223 Throttle/Pedal Position Sensor/Switch B Circuit High Input
P0224 Throttle/Pedal Position Sensor/Switch B Circuit Intermittent
P0225 Throttle/Pedal Position Sensor/Switch C Circuit Malfunction
P0226 Throttle/Pedal Position Sensor/Switch C Circuit Range/Performance Problem
P0227 Throttle/Pedal Position Sensor/Switch C Circuit Low Input
P0228 Throttle/Pedal Position Sensor/Switch C Circuit High Input
P0229 Throttle/Pedal 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 Turbocharger 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 Circuit 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/Balance Fault
P0297 Vehicle Overspeed Condition
P0298 Engine Oil Over Temperature
P0299 Turbo/Super Charger Underboost
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
P0310 Cylinder 10 Misfire Detected
P0311 Cylinder 11 Misfire Detected
P0312 Cylinder 12 Misfire Detected
P0313 Misfire Detected with Low Fuel
P0314 Single Cylinder Misfire (Cylinder not Specified)
P0315 Crankshaft position system - variation not learned
P0316 Misfire detected during startup - first 1000 revolutions
P0317 Rough road hardware not present
P0318 Rough road sensor signal A - circuit malfunction
P0319 Rough road sensor signal A - circuit malfunction
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 Input 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 Input Intermittent (Bank 2)
P0335 Crankshaft Position Sensor A Circuit Malfunction
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 Camshaft position (CMP) sensor A, bank 2 circuit malfunction
P0346 Camshaft position (CMP) sensor A, bank 2 range/performance problem
P0347 Camshaft position (CMP) sensor A, bank 2 low input
P0348 Camshaft position (CMP) sensor A, bank 2 high input
P0349 Camshaft position (CMP) sensor A, bank 2 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
P0363 Misfire detected - fuelling disabled
P0365 Camshaft position (CMP) sensor B, bank 1 circuit malfunction
P0366 Camshaft position (CMP) sensor B, bank 1 circuit range/performance
P0367 Camshaft position (CMP) sensor B, bank 1 circuit low input
P0368 Camshaft position (CMP) sensor B, bank 1 circuit high input

P0369 Camshaft position (CMP) sensor B, bank 1 circuit intermittent
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 Glow Plug/Heater Circuit "B" 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
P0390 Camshaft Position Sensor "B" Circuit (Bank 2)
P0391 Camshaft Position Sensor "B" Circuit Range/Performance (Bank 2)
P0392 Camshaft Position Sensor "B" Circuit Low (Bank 2)
P0393 Camshaft Position Sensor "B" Circuit High (Bank 2)
P0394 Camshaft Position Sensor "B" Circuit Intermittent (Bank 2)
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
P0409 Exhaust gas recirculation (EGR) sensor A - circuit malfunction
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)
P0425 Catalytic converter temperature sensor, bank 1
P0426 Catalytic converter temperature sensor, bank 1 - range/performance
P0427 Catalytic converter temperature sensor, bank 1 - low input
P0428 Catalytic converter temperature sensor, bank 1 - high input
P0429 Catalytic converter heater, bank 1 - control circuit malfunction
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)
P0435 Catalytic converter temperature sensor, bank 2
P0436 Catalytic converter temperature sensor, bank 2 - range/performance
P0437 Catalytic converter temperature sensor, bank 2 - low input
P0438 Catalytic converter temperature sensor, bank 2 - high input
P0439 Catalytic converter heater, bank 2 - control circuit malfunction
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 Tank Detected (gross leak)
P0456 Evaporative emission system - very small leak detected
P0457 Evaporative emission system - leak detected (fuel cap loose/off)
P0458 Evaporative emission system, purge control valve -circuit low
P0459 Evaporative emission system, purge control valve -circuit high
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
P0486 Exhaust Gas Recirculation Sensor "B" Circuit
P0487 Exhaust Gas Recirculation Throttle Position Control Circuit
P0488 Exhaust Gas Recirculation Throttle Position Control Range/Performance
P0489 Exhaust gas recirculation (EGR) system - circuit low
P0490 Exhaust gas recirculation (EGR) system - circuit high
P0491 Secondary Air Injection System (Bank 1)
P0492 Secondary Air Injection System (Bank 2)
P0493 Fan over-speed (clutch locked)
P0494 Fan speed - low
P0495 Fan speed - high
P0496 Evaporative emission system - high purge flow
P0497 Evaporative emission system - low purge flow
P0498 Evaporative emission system, vent control - circuit low
P0499 Evaporative emission system, vent control - circuit high
P0500 Vehicle Speed Sensor Malfunction
P0501 Vehicle Speed Sensor Range/Performance
P0502 Vehicle Speed Sensor Circuit 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 Range/Performance
P0522 Engine Oil Pressure Sensor/Switch Low Voltage

P0523 Engine Oil Pressure Sensor/Switch High Voltage
P0524 Engine oil pressure too low
P0525 Cruise control, servo control - circuit range/performance
P0526 Fan speed sensor - circuit malfunction
P0527 Fan speed sensor - circuit range/performance
P0528 Fan speed sensor - no signal
P0529 Fan speed sensor - circuit intermittent
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
P0535 A/C evaporator temperature sensor - circuit malfunction
P0536 A/C evaporator temperature sensor - circuit range/performance
P0537 A/C evaporator temperature sensor - circuit low
P0538 A/C evaporator temperature sensor - circuit high
P0539 A/C evaporator temperature sensor - circuit intermittent
P0540 Intake air heater A - circuit malfunction
P0541 Intake air heater A - circuit low
P0542 Intake air heater A - circuit high
P0543 Intake air heater A - circuit open
P0544 Exhaust gas recirculation temperature (EGRT) sensor, bank 1 - circuit malfunction
P0545 Exhaust gas recirculation temperature (EGRT) sensor, bank 1 - low input
P0546 Exhaust gas recirculation temperature (EGRT) sensor, bank 1 - high input
P0547 Exhaust gas temperature sensor, bank 2 sensor 1 - circuit malfunction
P0548 Exhaust gas temperature sensor, bank 2 sensor 1 - circuit low
P0549 Exhaust gas temperature sensor, bank 2 sensor 1 - circuit high
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
P0555 Brake booster pressure sensor - circuit malfunction
P0556 Brake booster pressure sensor - circuit range/performance
P0557 Brake booster pressure sensor - circuit low input
P0558 Brake booster pressure sensor - circuit high input
P0559 Brake booster pressure sensor - circuit intermittent
P0560 System Voltage Malfunction
P0561 System Voltage Unstable
P0562 System Voltage Low
P0563 System Voltage High
P0564 Cruise control system, multi-function input A - circuit malfunction
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 Acceleration 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 System - Vehicle Speed Too High
P0575 Cruise Control Input Circuit
P0576 Cruise Control Input Circuit Low
P0577 Cruise Control Input Circuit High
P0578 Cruise control system, multi-function input A - circuit stuck
P0579 Cruise control system, multi-function input A - circuit range/performance
P0580 Cruise control system, multi-function input A - circuit low
P0580 Cruise control system, multi-function input A - circuit low
P0581 Cruise control system, multi-function input A - circuit high
P0582 Cruise control system, vacuum control - circuit open
P0583 Cruise control system, vacuum control - circuit low
P0584 Cruise control system, vacuum control - circuit high
P0585 Cruise control system, multi-function input A/B - correlation
P0586 Cruise control system, vent control - circuit open
P0587 Cruise control system, vent control - circuit low
P0588 Cruise control system, vent control - circuit high
P0589 Cruise control system, multi-function input A - circuit malfunction
P0590 Cruise control system, multi-function input A - circuit stuck
P0591 Cruise control system, multi-function input A - circuit range/performance
P0592 Cruise control system, multi-function input A - circuit low
P0593 Cruise control system, multi-function input A - circuit high
P0594 Cruise control system, servo control - circuit open
P0595 Cruise control system, servo control - circuit low
P0596 Cruise control system, servo control - circuit high
P0597 Thermostat heater control system - circuit open
P0598 Thermostat heater control system - circuit low
P0599 Thermostat heater control system - circuit high
P0600 CAN data bus - malfunction
P0601 Engine control module (ECM) - memory check sum error
P0602 Engine control module (ECM) - programming error
P0603 Engine control module (ECM) - KAM error
P0604 Engine control module (ECM) - RAM error
P0605 Engine control module (ECM) - ROM error
P0606 Engine control module (ECM) - processor fault
P0607 Control module - performance
P0608 Engine control module (ECM), VSS output A -malfunction
P0609 Engine control module (ECM), VSS output A -malfunction
P0610 Control module - vehicle options error
P0611 Fuel injector control module - performance

P0612 Fuel injector control module - relay control circuit
P0613 Transmission control module (TCM) processor error
P0614 Engine control module (ECM)/Transmission control module (TCM) - mismatch
P0615 Starter relay - circuit malfunction
P0616 Starter relay - circuit low
P0617 Starter relay - circuit high
P0618 Alternative fuel control module - KAM error
P0619 Alternative fuel control module - RAM/ROM error
P0620 Alternator, control - circuit malfunction
P0621 Alternator warning lamp - circuit malfunction
P0622 Alternator, field control - circuit malfunction
P0623 Generator lamp control - circuit malfunction
P0624 Fuel cap lamp control - circuit malfunction
P0625 Generator field terminal - circuit low
P0626 Generator field terminal - circuit high
P0627 Fuel pump control - circuit open
P0628 Fuel pump control - circuit low
P0629 Fuel pump control - circuit high
P0630 VIN not programmed or mismatch - ECM
P0631 VIN not programmed or mismatch - TCM
P0632 Odometer not programmed - ECM
P0633 Immobilizer key not programmed - ECM
P0634 ECM/TCM - internal temperature too high
P0635 Power steering (PAS) control - circuit malfunction
P0636 Power steering (PAS) control - circuit low
P0637 Power Steering (PAS) control - circuit high
P0638 Throttle actuator control, bank 1 « range/performance problem
P0639 Throttle actuator control, bank 2 - range/performance
P0640 Intake air heater control - circuit malfunction
P0641 Sensor reference voltage A - circuit open
P0642 Engine control module (ECM), knock control - defective
P0643 Sensor reference voltage A - circuit high
P0644 Driver display, serial communication - circuit malfunction
P0645 Air conditioning
P0646 A/C clutch relay control - circuit low
P0647 A/C clutch relay control - circuit high
P0648 Immobilizer lamp control - circuit malfunction
P0649 Cruise control lamp control - circuit
P0650 Malfunction indicator lamp (MIL) - circuit malfunction
P0651 Sensor reference voltage 8 - circuit open
P0652 Sensor reference voltage 8 - circuit low
P0653 Sensor reference voltage 8 - circuit high
P0654 Engine rpm, output - circuit malfunction
P0655 Engine hot lamp output - circuit malfunction
P0656 Fuel level output - circuit malfunction

P0657 Actuator supply voltage - circuit open
P0658 Actuator supply voltage - circuit low
P0659 Actuator supply voltage - circuit high
P0660 Intake manifold tuning valve, bank 1 - circuit open
P0661 Intake manifold tuning valve, bank 1 - circuit low
P0662 Intake manifold tuning valve, bank 1 - circuit high
P0663 Intake manifold tuning valve, bank 2 - circuit open
P0664 Intake manifold tuning valve, bank 2 - circuit low
P0665 Intake manifold tuning valve, bank 2 - circuit high
P0666 ECM/TCM internal temperature sensor - circuit malfunction
P0667 ECM/TCM internal temperature sensor - range/performance
P0668 ECM/TCM internal temperature sensor - circuit low
P0669 ECM/TCM internal temperature sensor - circuit high
P0670 Glow plug module control - circuit malfunction
P0671 Glow plug, cylinder 1 - circuit malfunction
P0672 Glow plug, cylinder 2 - circuit malfunction
P0673 Glow plug, cylinder 3 - circuit malfunction
P0674 Glow plug, cylinder 4 - circuit malfunction
P0675 Glow plug, cylinder 5 - circuit malfunction
P0676 Glow plug, cylinder 6 - circuit malfunction
P0677 Glow plug, cylinder 7 - circuit malfunction
P0678 Glow plug, cylinder 8 - circuit malfunction
P0679 Glow plug, cylinder 9 - circuit malfunction
P0680 Glow plug, cylinder 10 - circuit malfunction
P0681 Glow plug, cylinder 11 - circuit malfunction
P0682 Glow plug, cylinder 12 - circuit malfunction
P0683 Glow plug control module communication to ECM - malfunction
P0684 Glow plug control module communication to ECM - range/performance
P0685 ECM power relay control - circuit open
P0686 ECM power relay control - circuit low
P0687 Engine control relay - short to earth
P0688 Engine control relay - short to positive
P0689 ECM power relay sense - circuit low
P0690 ECM power relay sense - circuit high
P0691 Engine coolant blower motor 1 - short to earth
P0692 Engine coolant blower motor 1 - short to positive
P0693 Engine coolant blower motor 2 - short to earth
P0694 Engine coolant blower motor 2 - short to positive
P0695 Fan 3 control - circuit low
P0696 Fan 3 control - circuit high
P0697 Sensor reference voltage N - circuit open
P0698 Sensor reference voltage N - circuit low
P0699 Sensor reference voltage N - circuit high
P0700 Transmission control system - malfunction
P0701 Transmission control system - range/performance problem

P0702 Transmission control system - electrical
P0703 Torque converter/brake switch A - circuit malfunction
P0704 Clutch pedal position (CPP) switch - circuit malfunction
P0705 Transmission range (TR) sensor/switch, PRNDL input - circuit malfunction
P0706 Transmission range (TR) sensor/switch - range/performance problem
P0707 Transmission range (TR) sensor/switch - low input
P0708 Transmission range (TR) sensor/switch - high input
P0709 Transmission range (TR) sensor/switch - circuit intermittent
P0710 Transmission fluid temperature (TFT) sensor - circuit malfunction
P0711 Transmission fluid temperature (TFT) sensor - range/performance problem
P0712 Transmission fluid temperature (TFT) sensor - low input
P0713 Transmission fluid temperature (TFT) sensor - high input
P0714 Transmission fluid temperature (TFT) sensor - circuit intermittent
P0715 Turbine shaft speed (TSS) sensor - circuit malfunction
P0716 Turbine shaft speed (TSS) sensor - range/performance problem
P0717 Turbine shaft speed (TSS) sensor - no signal
P0718 Turbine shaft speed (TSS) sensor - circuit intermittent
P0719 Torque converter/brake switch A - circuit low
P0720 Output shaft speed (OSS) sensor - circuit malfunction
P0721 Output shaft speed (OSS) sensor - range/performance problem
P0722 Output shaft speed (OSS) sensor - no signal
P0723 Output shaft speed (OSS) sensor - circuit intermittent
P0724 Torque converter/brake switch A - circuit high
P0725 Engine RPM input - circuit malfunction
P0726 Engine RPM input - range/performance problem
P0727 Engine RPM input - no signal
P0728 Engine RPM 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 ratio
P0737 TCM engine speed output - circuit
P0738 TCM engine speed output - circuit low
P0739 TCM engine speed output - circuit high
P0740 Torque converter clutch (TCC) solenoid - circuit malfunction
P0741 Torque converter clutch (TCC) solenoid - performance or stuck off
P0742 Torque converter clutch (TCC) solenoid - stuck on
P0743 Torque converter clutch (TCC) solenoid - electrical
P0744 Torque converter clutch (TCC) solenoid - circuit intermittent
P0745 Transmission fluid pressure (TFP) solenoid - circuit malfunction
P0746 Transmission fluid pressure (TFP) solenoid - performance or stuck off
P0747 Transmission fluid pressure (TFP) solenoid - stuck on

P0748 Transmission fluid pressure (TFP) solenoid - electrical
P0749 Transmission fluid pressure (TFP) solenoid - circuit intermittent
P0750 Shift solenoid (SS) A - circuit malfunction
P0751 Shift solenoid (SS) A - performance or stuck off
P0752 Shift solenoid (SS) A - stuck on
P0753 Shift solenoid (SS) A - electrical
P0754 Shift solenoid (SS) A - circuit intermittent
P0755 Shift solenoid (SS) A - circuit malfunction
P0756 Shift solenoid (SS) A - performance or stuck off
P0757 Shift solenoid (SS) A - stuck on
P0758 Shift solenoid (SS) A - electrical
P0759 Shift solenoid (SS) A - circuit intermittent
P0760 Shift solenoid (SS) N - circuit malfunction
P0761 Shift solenoid (SS) N - performance or stuck off
P0762 Shift solenoid (SS) N - stuck on
P0763 Shift solenoid (SS) N - electrical
P0764 Shift solenoid (SS) N - circuit intermittent
P0765 Shift solenoid (SS) D - circuit malfunction
P0766 Shift solenoid (SS) D - performance or stuck off
P0767 Shift solenoid (SS) D - stuck on
P0768 Shift solenoid (SS) D - electrical
P0769 Shift solenoid (SS) D - circuit intermittent
P0770 Shift solenoid (SS) E - circuit malfunction
P0771 Shift solenoid (SS) E - performance or stuck off
P0772 Shift solenoid (SS) E - stuck on
P0773 Shift solenoid (SS) E - electrical
P0774 Shift solenoid (SS) E - circuit intermittent
P0775 Pressure control solenoid A - malfunction
P0776 Pressure control solenoid A - performance or stuck off
P0777 Pressure control solenoid A - stuck on
P0778 Pressure control solenoid A - electrical malfunction
P0779 Pressure control solenoid A - intermittent
P0780 Gear selection - shift malfunction
P0781 Gear selection, 1-2 - shift malfunction
P0782 Gear selection, 2-3 - shift malfunction
P0783 Gear selection, 3-4 - shift malfunction
P0784 Gear selection, 4-5 - shift malfunction
P0785 Shift/timing solenoid - circuit malfunction
P0786 Shift/timing solenoid - range/performance problem
P0787 Shift/timing solenoid - low
P0788 Shift/timing solenoid - high
P0789 Shift/timing solenoid - intermittent
P0790 Transmission mode selection switch - circuit malfunction
P0791 Intermediate shaft speed sensor - circuit malfunction
P0792 Intermediate shaft speed sensor - range/performance problem

P0793 Intermediate shaft speed sensor - no signal
P0794 Intermediate shaft speed sensor - intermittent circuit malfunction
P0795 Transmission fluid pressure (TFP) solenoid N - circuit malfunction
P0796 Transmission fluid pressure (TFP) solenoid N - performance or stuck off
P0797 Transmission fluid pressure (TFP) solenoid N - stuck on
P0798 Transmission fluid pressure (TFP) solenoid N - electrical malfunction
P0799 Transmission fluid pressure (TFP) solenoid N -intermittent
P0800 Transfer case control system, MIL request - malfunction
P0801 Reverse inhibit circuit - malfunction
P0802 Transmission control system, MIL request - circuit open
P0803 1-4 Upshift (Skip shift) solenoid - circuit malfunction
P0804 1-4 Upshift (Skip shift) warning lamp - circuit malfunction
P0805 Clutch position sensor - circuit malfunction
P0806 Clutch position sensor - range/performance problem
P0807 Clutch position sensor - low input
P0808 Clutch position sensor - high input
P0809 Clutch position sensor - intermittent circuit malfunction
P0810 Clutch position control error
P0811 Excessive clutch slip
P0812 Reverse gear - input circuit malfunction
P0813 Reverse gear - output circuit malfunction
P0814 Transmission range (TR) display - circuit malfunction
P0815 Upshift switch - circuit malfunction
P0816 Downshift switch - circuit malfunction
P0817 Starter disable circuit - malfunction
P0818 Driveline disconnect switch - circuit malfunction
P0819 Up and down shift switch to transmission range - correlation
P0820 Gear lever X-Y position sensor - circuit malfunction
P0821 Gear lever X position sensor - circuit malfunction
P0822 Gear lever Y position sensor - circuit malfunction
P0823 Gear lever X position sensor - circuit intermittent
P0824 Gear lever Y position sensor - circuit intermittent
P0825 Gear lever push-pull switch - circuit malfunction
P0826 Up and down switch - input circuit
P0827 Up and down switch - input circuit low
P0828 Up and down switch - input circuit high
P0829 5-6 Shift
P0830 Clutch pedal position (CPP) switch A - circuit malfunction
P0831 Clutch pedal position (CPP) switch A - low input
P0832 Clutch pedal position (CPP) switch A - high input
P0833 Clutch pedal position (CPP) switch A - circuit malfunction
P0834 Clutch pedal position (CPP) switch A - low input
P0835 Clutch pedal position (CPP) switch A - high input
P0836 Four wheel drive switch - circuit malfunction
P0837 Four wheel drive switch - range/performance problem

P0838 Four wheel drive switch - low input
P0839 Four wheel drive switch - high input
P0840 Transmission fluid pressure (TFP) sensor A - circuit malfunction
P0840 Transmission fluid pressure (TFP) switch A - circuit malfunction
P0841 Transmission fluid pressure (TFP) sensor A - range/performance problem
Transmission fluid pressure (TFP) switch A - range/performance problem
P0842 Transmission fluid pressure (TFP) sensor A - low input Wiring, short to earth, TFP sensor, ECM/TCM
Transmission fluid pressure (TFP) switch A - low input Wiring, short to earth, TFP switch, ECM/TCM
P0843 Transmission fluid pressure (TFP) sensor A - high input Wiring, short to positive, TFP sensor, ECM/TCM
Transmission fluid pressure (TFP) switch A - high input Wiring, short to positive, TFP switch, ECM/TCM
P0844 Transmission fluid pressure (TFP) sensor A - intermittent circuit malfunction
Transmission fluid pressure (TFP) switch A - intermittent circuit malfunction
P0845 Transmission fluid pressure (TFP) sensor A - circuit malfunction
Transmission fluid pressure (TFP) switch A - circuit malfunction
P0846 Transmission fluid pressure (TFP) sensor A - range/performance problem
Transmission fluid pressure (TFP) switch A - range/performance problem
P0847 Transmission fluid pressure (TFP) sensor A - low input
Transmission fluid pressure (TFP) switch A - low input
P0848 Transmission fluid pressure (TFP) sensor A - high input
Transmission fluid pressure (TFP) switch A - high input
P0849 Transmission fluid pressure (TFP) sensor A ~ intermittent circuit malfunction
Transmission fluid pressure (TFP) switch A - intermittent circuit malfunction
P0850 Park/neutral position (PNP) switch - input circuit malfunction
P0851 Park/neutral position (PNP) switch - input circuit low
P0852 Park/neutral position (PNP) switch - input circuit high
P0853 Drive switch - input circuit malfunction
P0854 Drive switch - input circuit low
P0855 Drive switch - input circuit high
P0856 Traction control input signal - malfunction
P0857 Traction control input signal - range/performance problem
P0858 Traction control input signal - low
P0859 Traction control input signal - high
P0860 Gear shift module communication circuit - malfunction
P0861 Gear shift module communication circuit - low input
P0862 Gear shift module communication circuit - high input
P0863 Transmission control module (TCM) communication circuit - malfunction
P0864 Transmission control module (TCM) communication circuit - range/performance problem
P0865 Transmission control module (TCM) communication circuit - low input
P0866 Transmission control module (TCM) communication circuit - high input
P0867 Transmission fluid pressure (TFP) sensor
P0868 Transmission fluid pressure (TFP) sensor - low
P0869 Transmission fluid pressure (TFP) sensor - high
P0870 Transmission fluid pressure (TFP) sensor N ~ circuit malfunction
Transmission fluid pressure (TFP) switch N - circuit malfunction

P0871 Transmission fluid pressure (TFP) sensor N - range/performance
Transmission fluid pressure (TFP) switch N - range/performance
P0872 Transmission fluid pressure (TFP) sensor N ~ circuit low
Transmission fluid pressure (TFP) switch N - circuit low
P0873 Transmission fluid pressure (TFP) sensor N - circuit high
Transmission fluid pressure (TFP) switch N - circuit high
P0874 Transmission fluid pressure (TFP) sensor N - intermittent circuit malfunction
Transmission fluid pressure (TFP) switch N - intermittent circuit malfunction
P0875 Transmission fluid pressure (TFP) sensor D - circuit malfunction
Transmission fluid pressure (TFP) switch D - circuit malfunction
P0876 Transmission fluid pressure (TFP) sensor D - range/performance
Transmission fluid pressure (TFP) switch D - range/performance
P0877 Transmission fluid pressure (TFP) sensor D - circuit low
Transmission fluid pressure (TFP) switch D - circuit low
P0878 Transmission fluid pressure (TFP) sensor D - circuit high
Transmission fluid pressure (TFP) switch D - circuit high
P0879 Transmission fluid pressure (TFP) sensor D - intermittent circuit malfunction
Transmission fluid pressure (TFP) switch D - intermittent circuit malfunction
P0880 Transmission control module (TCM) - power input signal malfunction
P0881 Transmission control module (TCM) - power input signal range/performance
P0882 Transmission control module (TCM) - power input signal low
P0883 Transmission control module (TCM) - power input signal high
P0884 Transmission control module (TCM) - power input signal intermittent malfunction
P0885 Transmission control module (TCM) power relay - control circuit open
P0886 Transmission control module (TCM) power relay - control circuit low
P0887 Transmission control module (TCM) power relay - control circuit high
P0888 Transmission control module (TCM) power relay - sense circuit malfunction
P0889 Transmission control module (TCM) power relay - sense circuit range/performance
P0890 Transmission control module (TCM) power relay - sense circuit low
P0891 Transmission control module (TCM) power relay - sense circuit high
P0892 Transmission control module (TCM) power relay - sense circuit intermittent malfunction
P0893 Multiple gears engaged
P0894 Transmission component slipping
P0895 Shift time too short
P0896 Shift time too long
P0897 Transmission fluid deteriorated
P0898 Transmission control system - MIL request - circuit low
P0899 Transmission control system - MIL request - circuit high
P0900 Clutch actuator - circuit open
P0901 Clutch actuator - circuit range/performance
P0902 Clutch actuator - circuit low
P0903 Clutch actuator - circuit high
P0904 Transmission gate select position circuit - malfunction
P0905 Transmission gate select position circuit - range/performance
P0906 Transmission gate select position circuit - low

P0907 Transmission gate select position circuit - high
P0908 Transmission gate select position circuit - intermittent circuit malfunction
P0909 Transmission gate select control error
P0910 Transmission gate select actuator - circuit open
P0911 Transmission gate select actuator - circuit range/performance
P0912 Transmission gate select actuator - circuit low
P0913 Transmission gate select actuator - circuit high
P0914 Gear shift position circuit - malfunction
P0915 Gear shift position circuit - range/performance
P0916 Gear shift position circuit - low
P0917 Gear shift position circuit - high
P0918 Gear shift position circuit - intermittent malfunction
P0919 Gear shift position control - error
P0920 Gear shift forward actuator - circuit open
P0921 Gear shift forward actuator - circuit range/performance
P0922 Gear shift forward actuator - circuit low
P0923 Gear shift forward actuator - circuit high
P0924 Gear shift reverse actuator - circuit open
P0925 Gear shift reverse actuator - circuit range/performance
P0926 Gear shift reverse actuator - circuit low
P0927 Gear shift reverse actuator - circuit high
P0928 Gear shift lock solenoid - circuit open
P0929 Gear shift lock solenoid - circuit range/performance
P0930 Gear shift lock solenoid - circuit low
P0931 Gear shift lock solenoid - circuit high
P0932 Hydraulic pressure sensor - circuit malfunction
P0933 Hydraulic pressure sensor - range/performance
P0934 Hydraulic pressure sensor - circuit low input
P0935 Hydraulic pressure sensor - circuit high input
P0936 Hydraulic pressure sensor - circuit intermittent
P0937 Hydraulic oil temperature sensor - circuit malfunction
P0938 Hydraulic oil temperature sensor - range/performance
P0939 Hydraulic oil temperature sensor - circuit low input
P0940 Hydraulic oil temperature sensor - circuit high input
P0941 Hydraulic oil temperature sensor - circuit intermittent
P0942 Hydraulic pressure unit
P0943 Hydraulic pressure unit - cycling period too short
P0944 Hydraulic pressure unit - loss of pressure
P0945 Hydraulic pump relay - circuit open
P0946 Hydraulic pump relay - circuit range/performance
P0947 Hydraulic pump relay - circuit low
P0948 Hydraulic pump relay - circuit high
P0949 ASM - adaptive learning not done
P0950 ASM control circuit
P0951 ASM control circuit - range/performance

P0952 ASM control circuit - low
P0953 ASM control circuit - high
P0954 ASM - intermittent circuit malfunction
P0955 ASM mode circuit - malfunction
P0956 ASM mode circuit - range/performance
P0957 ASM mode circuit - low
P0958 ASM mode circuit - high
P0959 ASM mode circuit - intermittent circuit malfunction
P0960 Pressure control (PC) solenoid A - control circuit open
P0961 Pressure control (PC) solenoid A - control circuit range/performance
P0962 Pressure control (PC) solenoid A - control circuit low
P0963 Pressure control (PC) solenoid A - control circuit high
P0964 Pressure control (PC) solenoid A - control circuit open
P0965 Pressure control (PC) solenoid A - control circuit range/performance
P0966 Pressure control (PC) solenoid A - control circuit low
P0967 Pressure control (PC) solenoid A - control circuit high
P0968 Pressure control (PC) solenoid N - control circuit open
P0969 Pressure control (PC) solenoid N - control circuit range/performance
P0970 Pressure control (PC) solenoid N - control circuit low
P0971 Pressure control (PC) solenoid N - control circuit high
P0972 Shift solenoid (SS) A - control circuit range/performance
P0973 Shift solenoid (SS) A - control circuit low
P0974 Shift solenoid (SS) A - control circuit high
P0975 Shift solenoid (SS) A - control circuit range/performance
P0976 Shift solenoid (SS) A - control circuit low
P0977 Shift solenoid (SS) A - control circuit high
P0978 Shift solenoid (SS) N - control circuit range/performance
P0979 Shift solenoid (SS) N - control circuit low
P0980 Shift solenoid (SS) N - control circuit high
P0981 Shift solenoid (SS) D - control circuit range/performance
P0982 Shift solenoid (SS) D - control circuit low
P0983 Shift solenoid (SS) D - control circuit high
P0984 Shift solenoid (SS) E - control circuit range/performance
P0985 Shift solenoid (SS) E - control circuit low
P0986 Shift solenoid (SS) E - control circuit high
P0987 Transmission fluid pressure (TFP) sensor E - circuit malfunction
P0988 Transmission fluid pressure (TFP) sensor E - circuit range/performance
P0989 Transmission fluid pressure (TFP) sensor E - circuit low
P0990 Transmission fluid pressure (TFP) sensor E - circuit high
Transmission fluid pressure (TFP) switch E - circuit high
P0991 Transmission fluid pressure (TFP) sensor E - circuit intermittent
P0992 Transmission fluid pressure (TFP) sensor F - circuit malfunction
P0993 Transmission fluid pressure (TFP) sensor F - circuit range/performance
P0994 Transmission fluid pressure (TFP) sensor F - circuit low
P0995 Transmission fluid pressure (TFP) sensor F - circuit high

P0996 Transmission fluid pressure (TFP) sensor F - circuit intermittent
P0997 Shift solenoid (SS) F - control circuit range/performance
P0998 Shift solenoid (SS) F - control circuit low
P0999 Shift solenoid (SS) F - control circuit high

P1000 Transmission Solenoid Malfunction - OBD II Test Incomplete
P1000 Monitor Testing Not Complete
P1001 KOER Not Able To Complete, KOER Aborted
P1083 Fuel Control Mixture Lean (Bank 1 Sensor 1)
P1084 Fuel Control Mixture Rich (Bank 1 Sensor 1)
P1085 Fuel Control Mixture Lean (Bank 2 Sensor 1)
P1086 Fuel Control Mixture Rich (Bank 2 Sensor 1)
P1087 O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 1)
P1088 O2 Sensor Circuit Slow Response in Rich Control Range (Bank 1 Sensor 1)
P1089 O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 2)
P1090 Pre-Catalyst Fuel Trim Too Lean Bank 1
P1091 Pre-Catalyst Fuel Trim Too Rich Bank 1
P1092 Pre-Catalyst Fuel Trim Too Lean Bank 2
P1093 Pre-Catalyst Fuel Trim Too Rich Bank 2
P1094 O2 Sensor Circuit Slow Response in Rich Control Range (Bank 2 Sensor 1)
P1095 O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 1 Sensor 1)
P1096 O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 2 Sensor 1)
P1097 O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 1 Sensor 1)
P1098 O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 2 Sensor 2)
P1100 MAF Intermittent
P1100 Manifold Absolute Pressure (MAP) Sensor Malfunction (Open/Short)
P1101 MAF Out Of Range
P1102 Manifold Absolute Pressure (MAP) Sensor Malfunction - Low Voltage
P1103 Manifold Absolute Pressure (MAP) Sensor Malfunction - High Voltage
P1105 MAP/BARO Switch Solenoid Valve
P1106 Manifold Absolute Pressure (MAP) sensor circuit intermittent high voltage
P1106 Barometric pressure circuit problem
P1107 Manifold Absolute Pressure (MAP) sensor circuit intermittent low voltage
P1107 Barometric pressure circuit low input
P1108 BARO to MAP signal circuit comparison too high
P1108 Barometric pressure circuit high input
P1110 Intake Valve Timing Control (Left Bank)
P1110 Atmospheric Pressure Sensor Low Input
P1111 Intake Air Temperature (IAT) sensor intermittent high voltage
P1111 Engine Coolant Temperature Radiator Outlet Sensor Low Input
P1111 Atmospheric Pressure Sensor High Input
P1112 Intake Air Temperature (IAT) sensor intermittent low voltage
P1112 Engine Coolant Temperature Radiator Outlet Sensor High Input
P1112 Atmospheric Pressure Sensor Range/Performance Problem

P1114 Engine Coolant Temperature (ECT) sensor circuit intermittent low voltage
P1114 Intake Air Temperature 2 Circuit Low Input
P1115 Engine Coolant Temperature (ECT) sensor circuit intermittent high voltage
P1115 Coolant Temperature Sensor Plausibility
P1115 Intake Air Temperature 2 Circuit High Input
P1116 Mass Or Volume Air Flow Circuit Range/Performance Problem (Bank 2)
P1116 ECT Sensor Out Of Range
P1117 Mass Or Volume Air Flow Circuit Low Input (Bank 2)
P1117 ECT Intermittent
P1117 ECT Intermittent
P1118 Mass Or Volume Air Flow Circuit High Input (Bank 2)
P1120 Pedal Position Sensor Circuit
P1120 TPS Out Of Range Low
P1120 Secondary Throttle Position Sensor (Stps)
P1121 Throttle Position (TP) Sensor Inconsistent With MAF Sensor High Voltage
P1121 Pedal Position 1 Range/Performance Problem
P1122 Throttle Position (TP) Sensor Inconsistent With MAF Sensor Low Voltage
P1122 Pedal Position 1 Low Input
P1123 Pedal Position 1 High Input
P1124 TPS Out Of Self Test Range
P1124 TPS Out Of Self Test Range
P1125 TPS Intermittent
P1125 TPS Intermittent
P1125 Tandem Throttle Position Sensor
P1126 Thermostat Function
P1127 Exhaust Not Warm Enough, Downstream Sensor Not Tested
P1128 MAP Lower Than Expected
P1129 MAP Higher Than Expected
P1129 Upstream O2 Sensors Swapped Bank To Bank (HO2S-11-21)
P1129 Downstream O2 Sensors Swapped Bank To Bank (HO2S-12-22)
P1130 Lack Of HO2S-11, Fuel Trim At Limit
P1130 Heated O2 Sensor (HO2S) 11 At Adaptive Limit
P1130 Swirl Control SOL/V
P1130 Front Right Oxygen Sensor Circuit Open
P1130 A/F Sensor Circuit Range/Performance (Bank 1 Sensor 1)
P1131 HO2S 11 Indicates Lean
P1131 Front Right Oxygen Sensor Circuit Shorted
P1132 O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)
P1132 HO2S 11 Indicates Rich
P1133 Heated Oxygen Sensor (HO2S) insufficient switching bank 1 sensor 1 (Rear Bank)
P1133 O2 Sensor Heater Control Circuit (Bank 2 Sensor 1)
P1133 A/F Sensor Circuit Response (Bank 1 Sensor 1)
P1134 Heated Oxygen Sensor (HO2S) transition time ratio bank 1 sensor 1 (Rear Bank)
P1134 O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1134 Front Oxygen (A/F) Sensor Micro-Computer Problem

P1135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1135 Intake Valve Timing Control (Right Bank)
P1135 Front Left Oxygen Sensor Circuit Open
P1135 A/F Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
P1136 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1136 Front Left Oxygen Sensor Circuit Shorted
P1137 O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1137 Lack Of HO2S-12 Switch Indicates Lean
P1138 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1138 Lack Of HO2S-12 Switch Indicates Rich
P1139 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1139 Front Right Oxygen Sensor Heater Circuit Range
P1140 Mass or Volume Air Flow Circuit Range/Performance Problem
P1140 Intake Valve Timing Control Position Sensor (Left Bank)
P1140 Front Left Oxygen Sensor Heater Circuit Range
P1142 TPS Circuit Range/Perf. Problem (Low Input)
P1144 Mass Air Flow Sensor Open/Short To Ground.
P1145 Solenoid Valve Running Losses Control Circuit Electrical
P1145 Intake Valve Timing Control Position Sensor (Right Bank)
P1145 Mass Air Flow Sensor Short To Positive.
P1146 Pressure Sensor Circuit Range/Perf. (High Input)
P1146 Mass Air Flow Sensor Supply Voltage.
P1147 ETS Sub Accel Position Sensor 1 Malfunction
P1148 Closed Loop Control (Bank 1)
P1150 Lack Of HO2S-21 Switch Fuel Trim At Limit
P1150 A/F Sensor Circuit Range/Performance (Bank 2 Sensor 2)
P1151 O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1)
P1151 Lack Of HO2S-21 Switch Indicates Lean
P1151 ETS Main Accel Position Sensor 2 Malfunction
P1152 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P1152 Lack Of HO2S-21 Switch Indicates Rich
P1153 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P1153 Heated Oxygen Sensor (HO2S) insufficient switching bank 2 sensor 1 (Front Bank)
P1153 A/F Sensor Circuit Response (Bank 2 Sensor 1)
P1154 Heated Oxygen Sensor (HO2S) transition time ratio bank 2 sensor 1 (Front Bank)
P1155 O2 Sensor Heater Circuit Intermittent (Bank 2 Sensor 2)
P1155 ETS Limp Home Valve
P1155 A/F Sensor Heater Circuit (Bank 2 Sensor 1)
P1155 Manifold Absolute Pressure Sensor Short To Positive.
P1156 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
P1156 Manifold Absolute Pressure Sensor Open/Short To Ground.
P1157 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P1157 Lack Of HO2S-22 Switch Indicates Lean
P1157 Manifold Absolute Pressure Sensor Supply Voltage.

Scanning Software - Free:

Scanmaster ELM v.0.4.0.0 - <http://www.wgsoft.de>
Digimoto Lite - <http://www.digimoto.com/>
wODB - <http://www.obd2crazy.com/software.html>
ScanTool - <http://www.scantool.net/?mode=browseSoftware>
OBD2Spy - <http://www.obd2spy.com/>
OBD-DIAG - <http://www.er-forum.de/obd-diag-dl/index.php>
EasyObdII_v2 - <http://www.easyobdii.com/downloads.php>
OBD Logger - <http://pages.infinet.net/jsenk/obd.htm>
Mac OSX / Linux - <http://www.cs.unm.edu/~donour/cars/pyobd/>
OBD Gauge, PalmOS, Pocket PC - <http://www.qcontinuum.org/obdgauge/>

Other OBD2 Scan Tools - Compare Price and Features:

Auto Engineuity - <http://www.autoenginuity.com/>
ScanTool.net - <http://www.scantool.net/>
Auterra - <http://www.auterraweb.com/>
AutoTap - <http://www.autotap.com/>
EASE Diagnostics - <http://www.obd2.com/>
OBDDiagnostics.com - <http://www.obddiagnostics.com/>
Tekmate Tools - <http://www.tekmatetools.com/>
mOByDic - <http://www.ozenelektronik.com/>
OBD-2.com - <http://www.obd-2.com/>
SK Pang Electronics - <http://www.skpang.co.uk/>
ElmCan obd-2.de - <http://www.obd-2.de/>
Nology PDA - <http://www.nology.com/pdadyno.html>

Interesting OBD2 links and other products:

Trouble Code Lookup - http://www.actron.com/code_lookup.php
Trouble Code Definitions - http://www.iequus.com/support/obd2_definitions.php
OBD2 connector location - <http://www.obdclearinghouse.com/oemdb/>
Elm Electronics OBD2 Chips - <http://www.elmelectronics.com/>
TunerTools.com - <http://www.tunertools.com>
OBD-Codes.com - <http://www.obd-codes.com>
OBD2 Crazy - <http://www.werner-digital.com/obd/>
Multiplex Engineering - <http://www.multiplex-engineering.com/>
Proscan - <http://www.myscantool.com/>
EFILive - <http://www.efilive.com/>
Trouble Code Chart - <http://www.troublecodes.net/>
Custom PCM/ECM Programming - <http://www.madz28.com/>
Custom TBI/TPI Chips - <http://www.tbichips.com/>
Custom PCM/ECM Chips - <http://www.pcmforless.com/>
LS1-Edit - <http://www.carputing.com/>
HPTuners - <http://www.hptuners.com/>
Sunspeed Lotus Honda conversions - <http://www.sunspeed.com/OBD2.htm>
Romulator - <http://secure.transtronics.com/osc/index.php>