

P Codes

P0001 Fuel Volume Regulator Control Circuit/Open
P0002 Fuel Volume Regulator Control Circuit Range/Performance
P0003 Fuel Volume Regulator Control Circuit Low
P0004 Fuel Volume Regulator Control Circuit High
P0005 Fuel Shutoff Valve "A" Control Circuit/Open
P0006 Fuel Shutoff Valve "A" Control Circuit Low
P0007 Fuel Shutoff Valve "A" Control Circuit High
P0008 Engine Position System Performance
P0009 Engine Position System Performance
P0010 "A" Camshaft Position Actuator Circuit
P0011 "A" Camshaft Position - Timing Over-Advanced or System Performance
P0012 "A" Camshaft Position - Timing Over-Retarded
P0013 "B" Camshaft Position - Actuator Circuit
P0014 "B" Camshaft Position - Timing Over-Advanced or System Performance
P0015 "B" Camshaft Position - Timing Over-Retarded
P0016 Crankshaft Position - Camshaft Position Correlation
P0017 Crankshaft Position - Camshaft Position Correlation
P0018 Crankshaft Position - Camshaft Position Correlation
P0019 Crankshaft Position - Camshaft Position Correlation
P0020 "A" Camshaft Position Actuator Circuit
P0021 "A" Camshaft Position - Timing Over-Advanced or System Performance
P0022 "A" Camshaft Position - Timing Over-Retarded
P0023 "B" Camshaft Position - Actuator Circuit
P0024 "B" Camshaft Position - Timing Over-Advanced or System Performance
P0025 "B" Camshaft Position - Timing Over-Retarded
P0026 Intake Valve Control Solenoid Circuit Range/Performance
P0027 Exhaust Valve Control Solenoid Circuit Range/Performance
P0028 Intake Valve Control Solenoid Circuit Range/Performance
P0029 Exhaust Valve Control Solenoid Circuit Range/Performance
P0030 HO2S Heater Control Circuit
P0031 HO2S Heater Control Circuit Low
P0032 HO2S Heater Control Circuit High
P0033 Turbo Charger Bypass Valve Control Circuit
P0034 Turbo Charger Bypass Valve Control Circuit Low
P0035 Turbo Charger Bypass Valve Control Circuit High
P0036 HO2S Heater Control Circuit
P0037 HO2S Heater Control Circuit Low
P0038 HO2S Heater Control Circuit High
P0039 Turbo/Super Charger Bypass Valve Control Circuit Range/Performance
P0040 O2 Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1
P0041 O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2
P0042 HO2S Heater Control Circuit
P0043 HO2S Heater Control Circuit Low
P0044 HO2S Heater Control Circuit High
P0045 Turbo/Super Charger Boost Control Solenoid Circuit/Open
P0046 Turbo/Super Charger Boost Control Solenoid Circuit Range/Performance
P0047 Turbo/Super Charger Boost Control Solenoid Circuit Low
P0048 Turbo/Super Charger Boost Control Solenoid Circuit High

P0049 Turbo/Super Charger Turbine Overspeed
P0050 HO2S Heater Control Circuit
P0051 HO2S Heater Control Circuit Low
P0052 HO2S Heater Control Circuit High
P0053 HO2S Heater Resistance
P0054 HO2S Heater Resistance
P0055 HO2S Heater Resistance
P0056 HO2S Heater Control Circuit
P0057 HO2S Heater Control Circuit Low
P0058 HO2S Heater Control Circuit High
P0059 HO2S Heater Resistance
P0060 HO2S Heater Resistance
P0061 HO2S Heater Resistance
P0062 HO2S Heater Control Circuit
P0063 HO2S Heater Control Circuit Low
P0064 HO2S Heater Control Circuit High
P0065 Air Assisted Injector Control Range/Performance
P0066 Air Assisted Injector Control Circuit or Circuit Low
P0067 Air Assisted Injector Control Circuit High
P0068 MAP/MAF - Throttle Position Correlation
P0069 Manifold Absolute Pressure - Barometric Pressure Correlation
P0070 Ambient Air Temperature Sensor Circuit
P0071 Ambient Air Temperature Sensor Range/Performance
P0072 Ambient Air Temperature Sensor Circuit Low
P0073 Ambient Air Temperature Sensor Circuit High
P0074 Ambient Air Temperature Sensor Circuit Intermittent
P0075 Intake Valve Control Solenoid Circuit
P0076 Intake Valve Control Solenoid Circuit Low
P0077 Intake Valve Control Solenoid Circuit High
P0078 Exhaust Valve Control Solenoid Circuit
P0079 Exhaust Valve Control Solenoid Circuit Low
P0080 Exhaust Valve Control Solenoid Circuit High
P0081 Intake Valve Control Solenoid Circuit
P0082 Intake Valve Control Solenoid Circuit Low
P0083 Intake Valve Control Solenoid Circuit High
P0084 Exhaust Valve Control Solenoid Circuit
P0085 Exhaust Valve Control Solenoid Circuit Low
P0086 Exhaust Valve Control Solenoid Circuit High
P0087 Fuel Rail/System Pressure - Too Low
P0088 Fuel Rail/System Pressure - Too High
P0089 Fuel Pressure Regulator 1 Performance
P0090 Fuel Pressure Regulator 1 Control Circuit
P0091 Fuel Pressure Regulator 1 Control Circuit Low
P0092 Fuel Pressure Regulator 1 Control Circuit High
P0093 Fuel System Leak Detected - Large Leak
P0094 Fuel System Leak Detected - Small Leak
P0095 Intake Air Temperature Sensor 2 Circuit
P0096 Intake Air Temperature Sensor 2 Circuit Range/Performance
P0097 Intake Air Temperature Sensor 2 Circuit Low
P0098 Intake Air Temperature Sensor 2 Circuit High
P0099 Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic

P0100 Mass or Volume Air Flow Circuit
P0101 Mass or Volume Air Flow Circuit Range/Performance
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
P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance
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 Sensor 1 Circuit
P0111 Intake Air Temperature Sensor 1 Circuit Range/Performance
P0112 Intake Air Temperature Sensor 1 Circuit Low
P0113 Intake Air Temperature Sensor 1 Circuit High
P0114 Intake Air Temperature Sensor 1 Circuit Intermittent
P0115 Engine Coolant Temperature Circuit
P0116 Engine Coolant Temperature Circuit Range/Performance
P0117 Engine Coolant Temperature Circuit Low
P0118 Engine Coolant Temperature Circuit High
P0119 Engine Coolant Temperature Circuit Intermittent
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit
P0121 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance
P0122 Throttle/Pedal Position Sensor/Switch "A" Circuit Low
P0123 Throttle/Pedal Position Sensor/Switch "A" Circuit High
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 Temperature Below Thermostat Regulating Temperature)
P0129 Barometric Pressure Too Low
P0130 O2 Sensor Circuit
P0131 O2 Sensor Circuit Low Voltage
P0132 O2 Sensor Circuit High Voltage
P0133 O2 Sensor Circuit Slow Response
P0134 O2 Sensor Circuit No Activity Detected
P0135 O2 Sensor Heater Circuit
P0136 O2 Sensor Circuit
P0137 O2 Sensor Circuit Low Voltage
P0138 O2 Sensor Circuit High Voltage
P0139 O2 Sensor Circuit Slow Response
P0140 O2 Sensor Circuit No Activity Detected
P0141 O2 Sensor Heater Circuit
P0142 O2 Sensor Circuit
P0143 O2 Sensor Circuit Low Voltage
P0144 O2 Sensor Circuit High Voltage
P0145 O2 Sensor Circuit Slow Response
P0146 O2 Sensor Circuit No Activity Detected
P0147 O2 Sensor Heater Circuit
P0148 Fuel Delivery Error
P0149 Fuel Timing Error
P0150 O2 Sensor Circuit

P0151 O2 Sensor Circuit Low Voltage
P0152 O2 Sensor Circuit High Voltage
P0153 O2 Sensor Circuit Slow Response
P0154 O2 Sensor Circuit No Activity Detected
P0155 O2 Sensor Heater Circuit
P0156 O2 Sensor Circuit
P0157 O2 Sensor Circuit Low Voltage
P0158 O2 Sensor Circuit High Voltage
P0159 O2 Sensor Circuit Slow Response
P0160 O2 Sensor Circuit No Activity Detected
P0161 O2 Sensor Heater Circuit
P0162 O2 Sensor Circuit
P0163 O2 Sensor Circuit Low Voltage
P0164 O2 Sensor Circuit High Voltage
P0165 O2 Sensor Circuit Slow Response
P0166 O2 Sensor Circuit No Activity Detected
P0167 O2 Sensor Heater Circuit
P0168 Fuel Temperature Too High
P0169 Incorrect Fuel Composition
P0170 Fuel Trim
P0171 System Too Lean
P0172 System Too Rich
P0173 Fuel Trim
P0174 System Too Lean
P0175 System Too Rich
P0176 Fuel Composition Sensor Circuit
P0177 Fuel Composition Sensor Circuit Range/Performance
P0178 Fuel Composition Sensor Circuit Low
P0179 Fuel Composition Sensor Circuit High
P0180 Fuel Temperature Sensor A Circuit
P0181 Fuel Temperature Sensor A Circuit Range/Performance
P0182 Fuel Temperature Sensor A Circuit Low
P0183 Fuel Temperature Sensor A Circuit High
P0184 Fuel Temperature Sensor A Circuit Intermittent
P0185 Fuel Temperature Sensor B Circuit
P0186 Fuel Temperature Sensor B Circuit Range/Performance
P0187 Fuel Temperature Sensor B Circuit Low
P0188 Fuel Temperature Sensor B Circuit High
P0189 Fuel Temperature Sensor B Circuit Intermittent
P0190 Fuel Rail Pressure Sensor Circuit
P0191 Fuel Rail Pressure Sensor Circuit Range/Performance
P0192 Fuel Rail Pressure Sensor Circuit Low
P0193 Fuel Rail Pressure Sensor Circuit High
P0194 Fuel Rail Pressure Sensor Circuit Intermittent
P0195 Engine Oil Temperature Sensor
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/Open
P0201 Injector Circuit/Open - Cylinder 1

P0202 Injector Circuit/Open - Cylinder 2
P0203 Injector Circuit/Open - Cylinder 3
P0204 Injector Circuit/Open - Cylinder 4
P0205 Injector Circuit/Open - Cylinder 5
P0206 Injector Circuit/Open - Cylinder 6
P0207 Injector Circuit/Open - Cylinder 7
P0208 Injector Circuit/Open - Cylinder 8
P0209 Injector Circuit/Open - Cylinder 9
P0210 Injector Circuit/Open - Cylinder 10
P0211 Injector Circuit/Open - Cylinder 11
P0212 Injector Circuit/Open - Cylinder 12
P0213 Cold Start Injector 1
P0214 Cold Start Injector 2
P0215 Engine Shutoff Solenoid
P0216 Injector/Injection Timing Control Circuit
P0217 Engine Coolant Over Temperature Condition
P0218 Transmission Fluid Over Temperature Condition
P0219 Engine Overspeed Condition
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit
P0221 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance
P0222 Throttle/Pedal Position Sensor/Switch "B" Circuit Low
P0223 Throttle/Pedal Position Sensor/Switch "B" Circuit High
P0224 Throttle/Pedal Position Sensor/Switch "B" Circuit Intermittent
P0225 Throttle/Pedal Position Sensor/Switch "C" Circuit
P0226 Throttle/Pedal Position Sensor/Switch "C" Circuit Range/Performance
P0227 Throttle/Pedal Position Sensor/Switch "C" Circuit Low
P0228 Throttle/Pedal Position Sensor/Switch "C" Circuit High
P0229 Throttle/Pedal Position Sensor/Switch "C" Circuit Intermittent
P0230 Fuel Pump Primary Circuit
P0231 Fuel Pump Secondary Circuit Low
P0232 Fuel Pump Secondary Circuit High
P0233 Fuel Pump Secondary Circuit Intermittent
P0234 Turbo/Super Charger Overboost Condition
P0235 Turbo/Super Charger Boost Sensor "A" Circuit
P0236 Turbo/Super Charger Boost Sensor "A" Circuit Range/Performance
P0237 Turbo/Super Charger Boost Sensor "A" Circuit Low
P0238 Turbo/Super Charger Boost Sensor "A" Circuit High
P0239 Turbo/Super Charger Boost Sensor "B" Circuit
P0240 Turbo/Super Charger Boost Sensor "B" Circuit Range/Performance
P0241 Turbo/Super Charger Boost Sensor "B" Circuit Low
P0242 Turbo/Super Charger Boost Sensor "B" Circuit High
P0243 Turbo/Super Charger Wastegate Solenoid "A"
P0244 Turbo/Super Charger Wastegate Solenoid "A" Range/Performance
P0245 Turbo/Super Charger Wastegate Solenoid "A" Low
P0246 Turbo/Super Charger Wastegate Solenoid "A" High
P0247 Turbo/Super Charger Wastegate Solenoid "B"
P0248 Turbo/Super Charger Wastegate Solenoid "B" Range/Performance
P0249 Turbo/Super Charger Wastegate Solenoid "B" Low
P0250 Turbo/Super Charger Wastegate Solenoid "B" High
P0251 Injection Pump Fuel Metering Control "A" (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" (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
P0264 Cylinder 2 Injector Circuit Low
P0265 Cylinder 2 Injector Circuit High
P0266 Cylinder 2 Contribution/Balance
P0267 Cylinder 3 Injector Circuit Low
P0268 Cylinder 3 Injector Circuit High
P0269 Cylinder 3 Contribution/Balance
P0270 Cylinder 4 Injector Circuit Low
P0271 Cylinder 4 Injector Circuit High
P0272 Cylinder 4 Contribution/Balance
P0273 Cylinder 5 Injector Circuit Low
P0274 Cylinder 5 Injector Circuit High
P0275 Cylinder 5 Contribution/Balance
P0276 Cylinder 6 Injector Circuit Low
P0277 Cylinder 6 Injector Circuit High
P0278 Cylinder 6 Contribution/Balance
P0279 Cylinder 7 Injector Circuit Low
P0280 Cylinder 7 Injector Circuit High
P0281 Cylinder 7 Contribution/Balance
P0282 Cylinder 8 Injector Circuit Low
P0283 Cylinder 8 Injector Circuit High
P0284 Cylinder 8 Contribution/Balance
P0285 Cylinder 9 Injector Circuit Low
P0286 Cylinder 9 Injector Circuit High
P0287 Cylinder 9 Contribution/Balance
P0288 Cylinder 10 Injector Circuit Low
P0289 Cylinder 10 Injector Circuit High
P0290 Cylinder 10 Contribution/Balance
P0291 Cylinder 11 Injector Circuit Low
P0292 Cylinder 11 Injector Circuit High
P0293 Cylinder 11 Contribution/Balance
P0294 Cylinder 12 Injector Circuit Low
P0295 Cylinder 12 Injector Circuit High
P0296 Cylinder 12 Contribution/Balance
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 Engine Misfire Detected on Startup (First 1000 Revolutions)
P0317 Rough Road Hardware Not Present
P0318 Rough Road Sensor "A" Signal Circuit
P0319 Rough Road Sensor "B"
P0320 Ignition/Distributor Engine Speed Input Circuit
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 Control System Error
P0325 Knock Sensor 1 Circuit
P0326 Knock Sensor 1 Circuit Range/Performance
P0327 Knock Sensor 1 Circuit Low
P0328 Knock Sensor 1 Circuit High
P0329 Knock Sensor 1 Circuit Input Intermittent
P0330 Knock Sensor 2 Circuit
P0331 Knock Sensor 2 Circuit Range/Performance
P0332 Knock Sensor 2 Circuit Low
P0333 Knock Sensor 2 Circuit High
P0334 Knock Sensor 2 Circuit Input Intermittent
P0335 Crankshaft Position Sensor "A" Circuit
P0336 Crankshaft Position Sensor "A" Circuit Range/Performance
P0337 Crankshaft Position Sensor "A" Circuit Low
P0338 Crankshaft Position Sensor "A" Circuit High
P0339 Crankshaft Position Sensor "A" Circuit Intermittent
P0340 Camshaft Position Sensor "A" Circuit
P0341 Camshaft Position Sensor "A" Circuit Range/Performance
P0342 Camshaft Position Sensor "A" Circuit Low
P0343 Camshaft Position Sensor "A" Circuit High
P0344 Camshaft Position Sensor "A" Circuit Intermittent
P0345 Camshaft Position Sensor "A" Circuit
P0346 Camshaft Position Sensor "A" Circuit Range/Performance
P0347 Camshaft Position Sensor "A" Circuit Low
P0348 Camshaft Position Sensor "A" Circuit High
P0349 Camshaft Position Sensor "A" Circuit Intermittent
P0350 Ignition Coil Primary/Secondary Circuit
P0351 Ignition Coil "A" Primary/Secondary Circuit
P0352 Ignition Coil "B" Primary/Secondary Circuit
P0353 Ignition Coil "C" Primary/Secondary Circuit
P0354 Ignition Coil "D" Primary/Secondary Circuit

P0355 Ignition Coil "E" Primary/Secondary Circuit
P0356 Ignition Coil "F" Primary/Secondary Circuit
P0357 Ignition Coil "G" Primary/Secondary Circuit
P0358 Ignition Coil "H" Primary/Secondary Circuit
P0359 Ignition Coil "I" Primary/Secondary Circuit
P0360 Ignition Coil "J" Primary/Secondary Circuit
P0361 Ignition Coil "K" Primary/Secondary Circuit
P0362 Ignition Coil "L" Primary/Secondary Circuit
P0363 Misfire Detected - Fueling Disabled
P0364 Reserved
P0365 Camshaft Position Sensor "B" Circuit
P0366 Camshaft Position Sensor "B" Circuit Range/Performance
P0367 Camshaft Position Sensor "B" Circuit Low
P0368 Camshaft Position Sensor "B" Circuit High
P0369 Camshaft Position Sensor "B" Circuit Intermittent
P0370 Timing Reference High Resolution Signal "A"
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 Pulse
P0375 Timing Reference High Resolution Signal "B"
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"
P0381 Glow Plug/Heater Indicator Circuit
P0382 Glow Plug/Heater Circuit "B"
P0383 Reserved by SAE J2012
P0384 Reserved by SAE J2012
P0385 Crankshaft Position Sensor "B" Circuit
P0386 Crankshaft Position Sensor "B" Circuit Range/Performance
P0387 Crankshaft Position Sensor "B" Circuit Low
P0388 Crankshaft Position Sensor "B" Circuit High
P0389 Crankshaft Position Sensor "B" Circuit Intermittent
P0390 Camshaft Position Sensor "B" Circuit
P0391 Camshaft Position Sensor "B" Circuit Range/Performance
P0392 Camshaft Position Sensor "B" Circuit Low
P0393 Camshaft Position Sensor "B" Circuit High
P0394 Camshaft Position Sensor "B" Circuit Intermittent
P0400 Exhaust Gas Recirculation Flow
P0401 Exhaust Gas Recirculation Flow Insufficient Detected
P0402 Exhaust Gas Recirculation Flow Excessive Detected
P0403 Exhaust Gas Recirculation Control Circuit
P0404 Exhaust Gas Recirculation Control 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 Sensor "A" Circuit
P0410 Secondary Air Injection System

P0411 Secondary Air Injection System Incorrect Flow Detected
P0412 Secondary Air Injection System Switching Valve "A" Circuit
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
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 Control "A" Circuit
P0419 Secondary Air Injection System Control "B" Circuit
P0420 Catalyst System Efficiency Below Threshold
P0421 Warm Up Catalyst Efficiency Below Threshold
P0422 Main Catalyst Efficiency Below Threshold
P0423 Heated Catalyst Efficiency Below Threshold
P0424 Heated Catalyst Temperature Below Threshold
P0425 Catalyst Temperature Sensor
P0426 Catalyst Temperature Sensor Range/Performance
P0427 Catalyst Temperature Sensor Low
P0428 Catalyst Temperature Sensor High
P0429 Catalyst Heater Control Circuit
P0430 Catalyst System Efficiency Below Threshold
P0431 Warm Up Catalyst Efficiency Below Threshold
P0432 Main Catalyst Efficiency Below Threshold
P0433 Heated Catalyst Efficiency Below Threshold
P0434 Heated Catalyst Temperature Below Threshold
P0435 Catalyst Temperature Sensor
P0436 Catalyst Temperature Sensor Range/Performance
P0437 Catalyst Temperature Sensor Low
P0438 Catalyst Temperature Sensor High
P0439 Catalyst Heater Control Circuit
P0440 Evaporative Emission System
P0441 Evaporative Emission System Incorrect Purge Flow
P0442 Evaporative Emission System Leak Detected (small leak)
P0443 Evaporative Emission System Purge Control Valve Circuit
P0444 Evaporative Emission System Purge Control Valve Circuit Open
P0445 Evaporative Emission System Purge Control Valve Circuit Shorted
P0446 Evaporative Emission System Vent Control Circuit
P0447 Evaporative Emission System Vent Control Circuit Open
P0448 Evaporative Emission System Vent Control Circuit Shorted
P0449 Evaporative Emission System Vent Valve/Solenoid Circuit
P0450 Evaporative Emission System Pressure Sensor/Switch
P0451 Evaporative Emission System Pressure Sensor/Switch Range/Performance
P0452 Evaporative Emission System Pressure Sensor/Switch Low
P0453 Evaporative Emission System Pressure Sensor/Switch High
P0454 Evaporative Emission System Pressure Sensor/Switch Intermittent
P0455 Evaporative Emission System Leak Detected (large leak)
P0456 Evaporative Emission System Leak Detected (very small leak)
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 "A" Circuit
P0461 Fuel Level Sensor "A" Circuit Range/Performance

P0462 Fuel Level Sensor "A" Circuit Low
P0463 Fuel Level Sensor "A" Circuit High
P0464 Fuel Level Sensor "A" Circuit Intermittent
P0465 EVAP Purge Flow Sensor Circuit
P0466 EVAP Purge Flow Sensor Circuit Range/Performance
P0467 EVAP Purge Flow Sensor Circuit Low
P0468 EVAP Purge Flow Sensor Circuit High
P0469 EVAP Purge Flow Sensor Circuit Intermittent
P0470 Exhaust Pressure Sensor
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
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 Fan 1 Control Circuit
P0481 Fan 2 Control Circuit
P0482 Fan 3 Control Circuit
P0483 Fan Rationality Check
P0484 Fan Circuit Over Current
P0485 Fan Power/Ground Circuit
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 Control Circuit Low
P0490 Exhaust Gas Recirculation Control Circuit High
P0491 Secondary Air Injection System Insufficient Flow
P0492 Secondary Air Injection System Insufficient Flow
P0493 Fan Overspeed
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 Valve Control Circuit Low
P0499 Evaporative Emission System Vent Valve Control Circuit High
P0500 Vehicle Speed Sensor "A"
P0501 Vehicle Speed Sensor "A" Range/Performance
P0502 Vehicle Speed Sensor "A" Circuit Low Input
P0503 Vehicle Speed Sensor "A" Intermittent/Erratic/High
P0504 Brake Switch "A"/"B" Correlation
P0505 Idle Air Control System
P0506 Idle Air Control System RPM Lower Than Expected
P0507 Idle Air Control System RPM Higher Than Expected
P0508 Idle Air Control System Circuit Low
P0509 Idle Air Control System Circuit High
P0510 Closed Throttle Position Switch
P0511 Idle Air Control Circuit
P0512 Starter Request Circuit

P0513 Incorrect Immobilizer Key
P0514 Battery Temperature Sensor Circuit Range/Performance
P0515 Battery Temperature Sensor Circuit
P0516 Battery Temperature Sensor Circuit Low
P0517 Battery Temperature Sensor Circuit High
P0518 Idle Air Control Circuit Intermittent
P0519 Idle Air Control System Performance
P0520 Engine Oil Pressure Sensor/Switch Circuit
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
P0527 Fan Speed Sensor Circuit Range/Performance
P0528 Fan Speed Sensor Circuit No Signal
P0529 Fan Speed Sensor Circuit Intermittent
P0530 A/C Refrigerant Pressure Sensor "A" Circuit
P0531 A/C Refrigerant Pressure Sensor "A" Circuit Range/Performance
P0532 A/C Refrigerant Pressure Sensor "A" Circuit Low
P0533 A/C Refrigerant Pressure Sensor "A" Circuit High
P0534 Air Conditioner Refrigerant Charge Loss
P0535 A/C Evaporator Temperature Sensor Circuit
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
P0541 Intake Air Heater "A" Circuit Low
P0542 Intake Air Heater "A" Circuit High
P0543 Intake Air Heater "A" Circuit Open
P0544 Exhaust Gas Temperature Sensor Circuit
P0545 Exhaust Gas Temperature Sensor Circuit Low
P0546 Exhaust Gas Temperature Sensor Circuit High
P0547 Exhaust Gas Temperature Sensor Circuit
P0548 Exhaust Gas Temperature Sensor Circuit Low
P0549 Exhaust Gas Temperature Sensor Circuit High
P0550 Power Steering Pressure Sensor/Switch Circuit
P0551 Power Steering Pressure Sensor/Switch Circuit Range/Performance
P0552 Power Steering Pressure Sensor/Switch Circuit Low Input
P0553 Power Steering Pressure Sensor/Switch Circuit High Input
P0554 Power Steering Pressure Sensor/Switch Circuit Intermittent
P0555 Brake Booster Pressure Sensor Circuit
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
P0561 System Voltage Unstable
P0562 System Voltage Low
P0563 System Voltage High

P0564 Cruise Control Multi-Function Input "A" Circuit
P0565 Cruise Control On Signal
P0566 Cruise Control Off Signal
P0567 Cruise Control Resume Signal
P0568 Cruise Control Set Signal
P0569 Cruise Control Coast Signal
P0570 Cruise Control Accelerate Signal
P0571 Brake Switch "A" Circuit
P0572 Brake Switch "A" Circuit Low
P0573 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 Multi-Function Input "A" Circuit Stuck
P0579 Cruise Control Multi-Function Input "A" Circuit Range/Performance
P0580 Cruise Control Multi-Function Input "A" Circuit Low
P0581 Cruise Control Multi-Function Input "A" Circuit High
P0582 Cruise Control Vacuum Control Circuit/Open
P0583 Cruise Control Vacuum Control Circuit Low
P0584 Cruise Control Vacuum Control Circuit High
P0585 Cruise Control Multi-Function Input "A"/"B" Correlation
P0586 Cruise Control Vent Control Circuit/Open
P0587 Cruise Control Vent Control Circuit Low
P0588 Cruise Control Vent Control Circuit High
P0589 Cruise Control Multi-Function Input "B" Circuit
P0590 Cruise Control Multi-Function Input "B" Circuit Stuck
P0591 Cruise Control Multi-Function Input "B" Circuit Range/Performance
P0592 Cruise Control Multi-Function Input "B" Circuit Low
P0593 Cruise Control Multi-Function Input "B" Circuit High
P0594 Cruise Control Servo Control Circuit/Open
P0595 Cruise Control Servo Control Circuit Low
P0596 Cruise Control Servo Control Circuit High
P0597 Thermostat Heater Control Circuit/Open
P0598 Thermostat Heater Control Circuit Low
P0599 Thermostat Heater Control Circuit High
P0600 Serial Communication Link
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 ECM/PCM Processor
P0607 Control Module Performance
P0608 Control Module VSS Output "A"
P0609 Control Module VSS Output "B"
P0610 Control Module Vehicle Options Error
P0611 Fuel Injector Control Module Performance
P0612 Fuel Injector Control Module Relay Control
P0613 TCM Processor
P0614 ECM / TCM Incompatible

P0615 Starter Relay Circuit
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 Generator Control Circuit
P0621 Generator Lamp/L Terminal Circuit
P0622 Generator Field/F Terminal Circuit
P0623 Generator Lamp Control Circuit
P0624 Fuel Cap Lamp Control Circuit
P0625 Generator Field/F Terminal Circuit Low
P0626 Generator Field/F Terminal Circuit High
P0627 Fuel Pump "A" Control Circuit /Open
P0628 Fuel Pump "A" Control Circuit Low
P0629 Fuel Pump "A" Control Circuit High
P0630 VIN Not Programmed or Incompatible - ECM/PCM
P0631 VIN Not Programmed or Incompatible - TCM
P0632 Odometer Not Programmed - ECM/PCM
P0633 Immobilizer Key Not Programmed - ECM/PCM
P0634 PCM/ECM/TCM Internal Temperature Too High
P0635 Power Steering Control Circuit
P0636 Power Steering Control Circuit Low
P0637 Power Steering Control Circuit High
P0638 Throttle Actuator Control Range/Performance
P0639 Throttle Actuator Control Range/Performance
P0640 Intake Air Heater Control Circuit
P0641 Sensor Reference Voltage "A" Circuit/Open
P0642 Sensor Reference Voltage "A" Circuit Low
P0643 Sensor Reference Voltage "A" Circuit High
P0644 Driver Display Serial Communication Circuit
P0645 A/C Clutch Relay Control Circuit
P0646 A/C Clutch Relay Control Circuit Low
P0647 A/C Clutch Relay Control Circuit High
P0648 Immobilizer Lamp Control Circuit
P0649 Speed Control Lamp Control Circuit
P0650 Malfunction Indicator Lamp (MIL) Control Circuit
P0651 Sensor Reference Voltage "B" Circuit/Open
P0652 Sensor Reference Voltage "B" Circuit Low
P0653 Sensor Reference Voltage "B" Circuit High
P0654 Engine RPM Output Circuit
P0655 Engine Hot Lamp Output Control Circuit
P0656 Fuel Level Output Circuit
P0657 Actuator Supply Voltage "A" Circuit/Open
P0658 Actuator Supply Voltage "A" Circuit Low
P0659 Actuator Supply Voltage "A" Circuit High
P0660 Intake Manifold Tuning Valve Control Circuit/Open
P0661 Intake Manifold Tuning Valve Control Circuit Low
P0662 Intake Manifold Tuning Valve Control Circuit High
P0663 Intake Manifold Tuning Valve Control Circuit/Open
P0664 Intake Manifold Tuning Valve Control Circuit Low
P0665 Intake Manifold Tuning Valve Control Circuit High

P0666 PCM/ECM/TCM Internal Temperature Sensor Circuit
P0667 PCM/ECM/TCM Internal Temperature Sensor Range/Performance
P0668 PCM/ECM/TCM Internal Temperature Sensor Circuit Low
P0669 PCM/ECM/TCM Internal Temperature Sensor Circuit High
P0670 Glow Plug Module Control Circuit
P0671 Cylinder 1 Glow Plug Circuit
P0672 Cylinder 2 Glow Plug Circuit
P0673 Cylinder 3 Glow Plug Circuit
P0674 Cylinder 4 Glow Plug Circuit
P0675 Cylinder 5 Glow Plug Circuit
P0676 Cylinder 6 Glow Plug Circuit
P0677 Cylinder 7 Glow Plug Circuit
P0678 Cylinder 8 Glow Plug Circuit
P0679 Cylinder 9 Glow Plug Circuit
P0680 Cylinder 10 Glow Plug Circuit
P0681 Cylinder 11 Glow Plug Circuit
P0682 Cylinder 12 Glow Plug Circuit
P0683 Glow Plug Control Module to PCM Communication Circuit
P0684 Glow Plug Control Module to PCM Communication Circuit Range/Performance
P0685 ECM/PCM Power Relay Control Circuit /Open
P0686 ECM/PCM Power Relay Control Circuit Low
P0687 ECM/PCM Power Relay Control Circuit High
P0688 ECM/PCM Power Relay Sense Circuit /Open
P0689 ECM/PCM Power Relay Sense Circuit Low
P0690 ECM/PCM Power Relay Sense Circuit High
P0691 Fan 1 Control Circuit Low
P0692 Fan 1 Control Circuit High
P0693 Fan 2 Control Circuit Low
P0694 Fan 2 Control Circuit High
P0695 Fan 3 Control Circuit Low
P0696 Fan 3 Control Circuit High
P0697 Sensor Reference Voltage "C" Circuit/Open
P0698 Sensor Reference Voltage "C" Circuit Low
P0699 Sensor Reference Voltage "C" Circuit High
P0700 Transmission Control System (MIL Request)
P0701 Transmission Control System Range/Performance
P0702 Transmission Control System Electrical
P0703 Brake Switch "B" Circuit
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
P0708 Transmission Range Sensor Circuit High
P0709 Transmission Range Sensor Circuit Intermittent
P0710 Transmission Fluid Temperature Sensor "A" Circuit
P0711 Transmission Fluid Temperature Sensor "A" Circuit Range/Performance
P0712 Transmission Fluid Temperature Sensor "A" Circuit Low
P0713 Transmission Fluid Temperature Sensor "A" Circuit High
P0714 Transmission Fluid Temperature Sensor "A" Circuit Intermittent
P0715 Input/Turbine Speed Sensor "A" Circuit
P0716 Input/Turbine Speed Sensor "A" Circuit Range/Performance

P0717 Input/Turbine Speed Sensor "A" Circuit No Signal
P0718 Input/Turbine Speed Sensor "A" Circuit Intermittent
P0719 Brake Switch "B" Circuit Low
P0720 Output Speed Sensor Circuit
P0721 Output Speed Sensor Circuit Range/Performance
P0722 Output Speed Sensor Circuit No Signal
P0723 Output Speed Sensor Circuit Intermittent
P0724 Brake Switch "B" Circuit High
P0725 Engine Speed Input Circuit
P0726 Engine Speed Input Circuit Range/Performance
P0727 Engine Speed Input Circuit No Signal
P0728 Engine Speed Input Circuit Intermittent
P0729 Gear 6 Incorrect Ratio
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 Circuit/Open
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 "A"
P0746 Pressure Control Solenoid "A" Performance or Stuck Off
P0747 Pressure Control Solenoid "A" Stuck On
P0748 Pressure Control Solenoid "A" Electrical
P0749 Pressure Control Solenoid "A" Intermittent
P0750 Shift Solenoid "A"
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"
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"
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"
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"
P0771 Shift Solenoid "E" Performance or Stuck Off
P0772 Shift Solenoid "E" Stuck On
P0773 Shift Solenoid "E" Electrical
P0774 Shift Solenoid "E" Intermittent
P0775 Pressure Control Solenoid "B"
P0776 Pressure Control Solenoid "B" Performance or Stuck off
P0777 Pressure Control Solenoid "B" Stuck On
P0778 Pressure Control Solenoid "B" Electrical
P0779 Pressure Control Solenoid "B" Intermittent
P0780 Shift Error
P0781 1-2 Shift
P0782 2-3 Shift
P0783 3-4 Shift
P0784 4-5 Shift
P0785 Shift/Timing Solenoid
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
P0791 Intermediate Shaft Speed Sensor "A" Circuit
P0792 Intermediate Shaft Speed Sensor "A" Circuit Range/Performance
P0793 Intermediate Shaft Speed Sensor "A" Circuit No Signal
P0794 Intermediate Shaft Speed Sensor "A" Circuit Intermittent
P0795 Pressure Control Solenoid "C"
P0796 Pressure Control Solenoid "C" Performance or Stuck off
P0797 Pressure Control Solenoid "C" Stuck On
P0798 Pressure Control Solenoid "C" Electrical
P0799 Pressure Control Solenoid "C" Intermittent
P0800 Transfer Case Control System (MIL Request)
P0801 Reverse Inhibit Control Circuit
P0802 Transmission Control System MIL Request Circuit/Open
P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit
P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit
P0805 Clutch Position Sensor Circuit
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
P0810 Clutch Position Control Error
P0811 Excessive Clutch Slippage
P0812 Reverse Input Circuit
P0813 Reverse Output Circuit
P0814 Transmission Range Display Circuit
P0815 Upshift Switch Circuit
P0816 Downshift Switch Circuit
P0817 Starter Disable Circuit
P0818 Driveline Disconnect Switch Input Circuit

P0819 Up and Down Shift Switch to Transmission Range Correlation
P0820 Gear Lever X-Y Position Sensor Circuit
P0821 Gear Lever X Position Circuit
P0822 Gear Lever Y Position Circuit
P0823 Gear Lever X Position Circuit Intermittent
P0824 Gear Lever Y Position Circuit Intermittent
P0825 Gear Lever Push-Pull Switch (Shift Anticipate)
P0826 Up and Down Shift Switch Circuit
P0827 Up and Down Shift Switch Circuit Low
P0828 Up and Down Shift Switch Circuit High
P0829 5-6 Shift
P0830 Clutch Pedal Switch "A" Circuit
P0831 Clutch Pedal Switch "A" Circuit Low
P0832 Clutch Pedal Switch "A" Circuit High
P0833 Clutch Pedal Switch "B" Circuit
P0834 Clutch Pedal Switch "B" Circuit Low
P0835 Clutch Pedal Switch "B" Circuit High
P0836 Four Wheel Drive (4WD) Switch Circuit
P0837 Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838 Four Wheel Drive (4WD) Switch Circuit Low
P0839 Four Wheel Drive (4WD) Switch Circuit High
P0840 Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0841 Transmission Fluid Pressure Sensor/Switch "A" Circuit Range/Performance
P0842 Transmission Fluid Pressure Sensor/Switch "A" Circuit Low
P0843 Transmission Fluid Pressure Sensor/Switch "A" Circuit High
P0844 Transmission Fluid Pressure Sensor/Switch "A" Circuit Intermittent
P0845 Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0846 Transmission Fluid Pressure Sensor/Switch "B" Circuit Range/Performance
P0847 Transmission Fluid Pressure Sensor/Switch "B" Circuit Low
P0848 Transmission Fluid Pressure Sensor/Switch "B" Circuit High
P0849 Transmission Fluid Pressure Sensor/Switch "B" Circuit Intermittent
P0850 Park/Neutral Switch Input Circuit
P0851 Park/Neutral Switch Input Circuit Low
P0852 Park/Neutral Switch Input Circuit High
P0853 Drive Switch Input Circuit
P0854 Drive Switch Input Circuit Low
P0855 Drive Switch Input Circuit High
P0856 Traction Control Input Signal
P0857 Traction Control Input Signal Range/Performance
P0858 Traction Control Input Signal Low
P0859 Traction Control Input Signal High
P0860 Gear Shift Module Communication Circuit
P0861 Gear Shift Module Communication Circuit Low
P0862 Gear Shift Module Communication Circuit High
P0863 TCM Communication Circuit
P0864 TCM Communication Circuit Range/Performance
P0865 TCM Communication Circuit Low
P0866 TCM Communication Circuit High
P0867 Transmission Fluid Pressure
P0868 Transmission Fluid Pressure Low
P0869 Transmission Fluid Pressure High

P0870 Transmission Fluid Pressure Sensor/Switch "C" Circuit
P0871 Transmission Fluid Pressure Sensor/Switch "C" Circuit Range/Performance
P0872 Transmission Fluid Pressure Sensor/Switch "C" Circuit Low
P0873 Transmission Fluid Pressure Sensor/Switch "C" Circuit High
P0874 Transmission Fluid Pressure Sensor/Switch "C" Circuit Intermittent
P0875 Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0876 Transmission Fluid Pressure Sensor/Switch "D" Circuit Range/Performance
P0877 Transmission Fluid Pressure Sensor/Switch "D" Circuit Low
P0878 Transmission Fluid Pressure Sensor/Switch "D" Circuit High
P0879 Transmission Fluid Pressure Sensor/Switch "D" Circuit Intermittent
P0880 TCM Power Input Signal
P0881 TCM Power Input Signal Range/Performance
P0882 TCM Power Input Signal Low
P0883 TCM Power Input Signal High
P0884 TCM Power Input Signal Intermittent
P0885 TCM Power Relay Control Circuit/Open
P0886 TCM Power Relay Control Circuit Low
P0887 TCM Power Relay Control Circuit High
P0888 TCM Power Relay Sense Circuit
P0889 TCM Power Relay Sense Circuit Range/Performance
P0890 TCM Power Relay Sense Circuit Low
P0891 TCM Power Relay Sense Circuit High
P0892 TCM Power Relay Sense Circuit Intermittent
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 Gate Select Position Circuit
P0905 Gate Select Position Circuit Range/Performance
P0906 Gate Select Position Circuit Low
P0907 Gate Select Position Circuit High
P0908 Gate Select Position Circuit Intermittent
P0909 Gate Select Control Error
P0910 Gate Select Actuator Circuit/Open
P0911 Gate Select Actuator Circuit Range/Performance
P0912 Gate Select Actuator Circuit Low
P0913 Gate Select Actuator Circuit High
P0914 Gear Shift Position Circuit
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
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 Control Circuit/Open
P0929 Gear Shift Lock Solenoid Control Circuit Range/Performance
P0930 Gear Shift Lock Solenoid Control Circuit Low
P0931 Gear Shift Lock Solenoid Control Circuit High
P0932 Hydraulic Pressure Sensor Circuit
P0933 Hydraulic Pressure Sensor Range/Performance
P0934 Hydraulic Pressure Sensor Circuit Low
P0935 Hydraulic Pressure Sensor Circuit High
P0936 Hydraulic Pressure Sensor Circuit Intermittent
P0937 Hydraulic Oil Temperature Sensor Circuit
P0938 Hydraulic Oil Temperature Sensor Range/Performance
P0939 Hydraulic Oil Temperature Sensor Circuit Low
P0940 Hydraulic Oil Temperature Sensor Circuit High
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 Auto Shift Manual Adaptive Learning Not Complete
P0950 Auto Shift Manual Control Circuit
P0951 Auto Shift Manual Control Circuit Range/Performance
P0952 Auto Shift Manual Control Circuit Low
P0953 Auto Shift Manual Control Circuit High
P0954 Auto Shift Manual Control Circuit Intermittent
P0955 Auto Shift Manual Mode Circuit
P0956 Auto Shift Manual Mode Circuit Range/Performance
P0957 Auto Shift Manual Mode Circuit Low
P0958 Auto Shift Manual Mode Circuit High
P0959 Auto Shift Manual Mode Circuit Intermittent
P0960 Pressure Control Solenoid "A" Control Circuit/Open
P0961 Pressure Control Solenoid "A" Control Circuit Range/Performance
P0962 Pressure Control Solenoid "A" Control Circuit Low
P0963 Pressure Control Solenoid "A" Control Circuit High
P0964 Pressure Control Solenoid "B" Control Circuit/Open
P0965 Pressure Control Solenoid "B" Control Circuit Range/Performance
P0966 Pressure Control Solenoid "B" Control Circuit Low
P0967 Pressure Control Solenoid "B" Control Circuit High
P0968 Pressure Control Solenoid "C" Control Circuit/Open
P0969 Pressure Control Solenoid "C" Control Circuit Range/Performance
P0970 Pressure Control Solenoid "C" Control Circuit Low
P0971 Pressure Control Solenoid "C" Control Circuit High

P0972 Shift Solenoid "A" Control Circuit Range/Performance
P0973 Shift Solenoid "A" Control Circuit Low
P0974 Shift Solenoid "A" Control Circuit High
P0975 Shift Solenoid "B" Control Circuit Range/Performance
P0976 Shift Solenoid "B" Control Circuit Low
P0977 Shift Solenoid "B" Control Circuit High
P0978 Shift Solenoid "C" Control Circuit Range/Performance
P0979 Shift Solenoid "C" Control Circuit Low
P0980 Shift Solenoid "C" Control Circuit High
P0981 Shift Solenoid "D" Control Circuit Range/Performance
P0982 Shift Solenoid "D" Control Circuit Low
P0983 Shift Solenoid "D" Control Circuit High
P0984 Shift Solenoid "E" Control Circuit Range/Performance
P0985 Shift Solenoid "E" Control Circuit Low
P0986 Shift Solenoid "E" Control Circuit High
P0987 Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0988 Transmission Fluid Pressure Sensor/Switch "E" Circuit Range/Performance
P0989 Transmission Fluid Pressure Sensor/Switch "E" Circuit Low
P0990 Transmission Fluid Pressure Sensor/Switch "E" Circuit High
P0991 Transmission Fluid Pressure Sensor/Switch "E" Circuit Intermittent
P0992 Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0993 Transmission Fluid Pressure Sensor/Switch "F" Circuit Range/Performance
P0994 Transmission Fluid Pressure Sensor/Switch "F" Circuit Low
P0995 Transmission Fluid Pressure Sensor/Switch "F" Circuit High
P0996 Transmission Fluid Pressure Sensor/Switch "F" Circuit Intermittent
P0997 Shift Solenoid "F" Control Circuit Range/Performance
P0998 Shift Solenoid "F" Control Circuit Low
P0999 Shift Solenoid "F" Control Circuit High
POA00 Motor Electronics Coolant Temperature Sensor Circuit
POA01 Motor Electronics Coolant Temperature Sensor Circuit Range/Performance
POA02 Motor Electronics Coolant Temperature Sensor Circuit Low
POA03 Motor Electronics Coolant Temperature Sensor Circuit High
POA04 Motor Electronics Coolant Temperature Sensor Circuit Intermittent
POA05 Motor Electronics Coolant Pump Control Circuit/Open
POA06 Motor Electronics Coolant Pump Control Circuit Low
POA07 Motor Electronics Coolant Pump Control Circuit High
POA08 DC/DC Converter Status Circuit
POA09 DC/DC Converter Status Circuit Low Input
POA10 DC/DC Converter Status Circuit High Input
POA11 DC/DC Converter Enable Circuit/Open
POA12 DC/DC Converter Enable Circuit Low
POA13 DC/DC Converter Enable Circuit High
POA14 Engine Mount Control Circuit/Open
POA15 Engine Mount Control Circuit Low
POA16 Engine Mount Control Circuit High
POA17 Motor Torque Sensor Circuit
POA18 Motor Torque Sensor Circuit Range/Performance
POA19 Motor Torque Sensor Circuit Low
POA20 Motor Torque Sensor Circuit High
POA21 Motor Torque Sensor Circuit Intermittent
POA22 Generator Torque Sensor Circuit

P0A23 Generator Torque Sensor Circuit Range/Performance
P0A24 Generator Torque Sensor Circuit Low
P0A25 Generator Torque Sensor Circuit High
P0A26 Generator Torque Sensor Circuit Intermittent
P0A27 Battery Power Off Circuit
P0A28 Battery Power Off Circuit Low
P0A29 Battery Power Off Circuit High
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 Cut off (Bank 1 Sensor 1)
P1098 O2 Sensor Circuit Slow Response after Coast Down Fuel Cut off (Bank 2 Sensor 2)
P1111 Engine Coolant Temperature Radiator Outlet Sensor Low Input
P1112 Engine Coolant Temperature Radiator Outlet Sensor High Input
P1115 Coolant Temperature Sensor Plausibility
P1116 Mass Or Volume Air Flow Circuit Range/Performance Problem (Bank 2)
P1117 Mass Or Volume Air Flow Circuit Low Input (Bank 2)
P1118 Mass Or Volume Air Flow Circuit High Input (Bank 2)
P1120 Pedal Position Sensor Circuit
P1121 Pedal Position 1 Range/Performance Problem
P1122 Pedal Position 1 Low Input
P1123 Pedal Position 1 High Input
P1125 Throttle Position Sensor output 1 and 2 out of limits
P1132 O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)
P1133 O2 Sensor Heater Control Circuit (Bank 2 Sensor 1)
P1134 O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1136 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1137 O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1138 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1139 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1140 Mass or Volume Air Flow Circuit Range/Performance Problem
P1145 Solenoid Valve Running Losses Control Circuit Electrical
P1151 O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1)
P1152 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P1153 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P1155 O2 Sensor Heater Circuit Intermittent (Bank 2 Sensor 2)
P1156 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
P1157 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P1158 Fuel Trim Additive Bank 1 Low

P1159 Fuel Trim Additive Bank 1 High
P1160 Fuel Trim Additive Bank 2 Low
P1161 Fuel Trim Additive Bank 2 High
P1162 Fuel Trim Additive Per Ignition Bank 1 Low
P1163 Fuel Trim Additive Per Ignition Bank 1 High
P1164 Fuel Trim Additive Per Ignition Bank 2 Low
P1165 Fuel Trim Additive Per Ignition Bank 2 High
P1174 Fuel Trim Adaptation Additive Bank 1 Malfunction
P1175 Fuel Trim Adaptation Additive Bank 2 Malfunction
P1176 O2 Sensor Slow Response Bank 1
P1177 O2 Sensor Slow Response Bank 2
P1178 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1)
P1179 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 1)
P1180 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2)
P1181 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2)
P1182 O2 Sensor (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-off
P1183 O2 Sensor (Bank 2 Sensor 2) Open Circuit During Coast Down Fuel Cut-off
P1186 O2 Sensor Heater Control Circuit (Bank 1 Sensor 2)
P1187 O2 Sensor Heater Control Circuit (Bank 2 Sensor 2)
P1188 Fuel Control (Bank 1 Sensor 1)
P1189 Fuel Control (Bank 2 Sensor 1)
P1190 Pre-catalyst Fuel Trim System Bank 1
P1191 Pre-catalyst Fuel Trim System Bank 2
P1192 Post-catalyst Fuel Trim System Bank 1
P1193 Post-catalyst Fuel Trim System Bank 2
P1221 Pedal Position Sensor 2 Range/Performance Problem
P1222 Pedal Position Sensor 2 Low Input
P1223 Pedal Position Sensor 2 High Input
P1226 Electronic Throttle System malfunction
P1229 Throttle Position Sensor adaptation error
P1270 Control Module Self-Test, Torque Monitoring
P1271 Ambient Air Pressure Sensor Electrical
P1283 Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Electrical
P1284 Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal Low
P1285 Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal High
P1287 Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Electrical
P1288 Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal Low
P1289 Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal High
P1313 "A" Camshaft Position Plausibility
P1317 "B" Camshaft Position Plausibility
P1327 Knock Sensor 2 (Bank 1) Low Input
P1328 Knock Sensor 2 (Bank 1) High Input
P1332 Knock Sensor 4 Low Input
P1333 Knock Sensor 4 High Input
P1340 Multiple Cylinder Misfire During Start
P1341 Multiple Cylinder Misfire With Fuel Cut-off
P1342 Misfire During Start Cylinder 1
P1343 Misfire Cylinder 1 With Fuel Cut-off
P1344 Misfire During Start Cylinder 2
P1345 Misfire Cylinder 2 With Fuel Cut-off
P1346 Misfire During Start Cylinder 3

P1347 Misfire Cylinder 3 With Fuel Cut-off
P1348 Misfire During Start Cylinder 4
P1349 Misfire Cylinder 4 With Fuel Cut-off
P1350 Misfire During Start Cylinder 5
P1351 Misfire Cylinder 5 With Fuel Cut-off
P1352 Misfire During Start Cylinder 6
P1353 Misfire Cylinder 6 With Fuel Cut-off
P1354 Misfire During Start Cylinder 7
P1355 Misfire Cylinder 7 With Fuel Cut-off
P1356 Misfire During Start Cylinder 8
P1357 Misfire Cylinder 8 With Fuel Cut-off
P1358 Misfire During Start Cylinder 9
P1359 Misfire Cylinder 9 With Fuel Cut-off
P1360 Misfire During Start Cylinder 10
P1361 Misfire Cylinder 10 With Fuel Cut-off
P1362 Misfire During Start Cylinder 11
P1363 Misfire Cylinder 11 With Fuel Cut-off
P1364 Misfire During Start Cylinder 12
P1365 Misfire Cylinder 12 With Fuel Cut-off
P1384 Knock Sensor 3 Circuit
P1385 Knock Sensor 4 Circuit
P1386 Control Module Self-test, Knock Control Baseline Test Bank 1
P1396 Crankshaft Position Sensor Segment Timing Plausibility
P1397 Camshaft Position Sensor "B" Circuit (Bank 1)
P1400 Heated Catalyst Battery Voltage or Current too Low During Heating (Bank 1)
P1401 Heated Catalyst Current too High During Heating (Bank 1)
P1402 Heated Catalyst Power Switch Over temperature Condition (Bank 1)
P1403 Carbon Canister Shut Off valve Control Circuit Electrical
P1404 Heated Catalyst Current too High During Heating (Bank 2)
P1405 Heated Catalyst Power Switch Over temperature Condition (Bank 2)
P1406 Heated Catalyst Internal Control Module Checksum/ROM Error
P1413 Secondary Air Injection Pump Relay Control Circuit Signal Low
P1414 Secondary Air Injection System Monitor Circuit High
P1420 Secondary Air Valve Control Circuit Electrical
P1421 Secondary Air System Bank 1
P1422 Secondary Air System Bank 2
P1432 Secondary Air Injection System Incorrect Flow Detected
P1438 Purge Control Valve Control Open Circuit
P1439 Purge Control Valve Control Circuit Signal Low
P1440 Purge Control Valve Control Circuit Signal High
P1441 Leakage Diagnostic Pump Control Open Circuit
P1442 Leakage Diagnostic Pump Control Circuit Signal Low
P1443 Leakage Diagnostic Pump Control Circuit Signal High
P1444 Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit
P1445 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low
P1446 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High
P1447 Diagnostic Module Tank Leakage (DM-TL) Pump Too High During Switching
P1448 Diagnostic Module Tank Leakage (DM-TL) Pump Too Low During Switching
P1449 Diagnostic Module Tank Leakage (DM-TL) Pump Too High
P1450 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Open Circuit
P1451 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal Low

P1452 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High
P1453 Secondary Air Injection Pump Relay Control Circuit Electrical
P1454 Secondary Air Injection Pump With Series Resistor Control Circuit Electrical
P1456 Heated Catalyst Heater Power Supply Open Circuit (Bank 1)
P1457 Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 1)
P1459 Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1460 Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 2)
P1461 Heated Catalyst Gate Voltage Signal Low
P1462 Heated Catalyst Internal Control Module Checksum/ROM Error
P1463 Heated Catalyst Battery Temperature Sensor 1 Electrical
P1464 Heated Catalyst Battery Temperature Sensor 2 Electrical
P1465 Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1466 Heated Catalyst Power Switch Temperature Sensor Plausibility
P1467 Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1468 Heated Catalyst Battery Disconnecting Switch Plausibility
P1470 Leakage Diagnostic Pump Control Circuit Electrical
P1472 Diagnostic Module Tank leakage (DM-TL) Switching Solenoid Control Circuit Electrical
P1473 Diagnostic Module Tank leakage (DM-TL) Pump Current Plausibility
P1475 Leakage Diagnostic Pump Reed Switch Did Not Close
P1476 Leakage Diagnostic Pump Clamped Tube
P1477 Leakage Diagnostic Pump Reed Switch Did Not Open
P1500 Idle Speed Control Valve Stuck Open
P1501 Idle Speed Control Valve Stuck Closed
P1502 Idle Speed Control Valve Closing Solenoid Control Circuit Signal High or Low
P1503 Idle Speed Control Valve Closing Solenoid Control Circuit Signal Low
P1504 Idle Speed Control Valve Closing Solenoid Control Open Circuit
P1505 Idle Speed Control Valve Closing Solenoid Control Circuit Electrical
P1506 Idle Speed Control Valve Open Solenoid Control Circuit Signal High
P1507 Idle Speed Control Valve Open Solenoid Control Circuit Signal Low
P1508 Idle Speed Control Valve Opening Solenoid Control Open Circuit
P1509 Idle Speed Control Valve Opening Solenoid Control Circuit Electrical
P1510 Idle Speed Control Valve Stuck
P1511 DISA Control Circuit Electrical
P1512 DISA Control Circuit Signal Low
P1513 DISA Control Circuit Signal High
P1519 "A" Camshaft Position Actuator Bank 1
P1520 "B" Camshaft Position Actuator Bank 1
P1522 "A" Camshaft Position Actuator Bank 2
P1523 "A" Camshaft Position Actuator Signal Low Bank 1
P1524 "A" Camshaft Position Actuator Signal High Bank 1
P1525 "A" Camshaft Position Actuator Control Open Circuit Bank 1
P1526 "A" Camshaft Position Actuator Control Open Circuit Bank 2
P1527 "A" Camshaft Position Actuator Control Circuit Signal Low Bank 1
P1528 "A" Camshaft Position Actuator Control Circuit Signal High Bank 1
P1529 "B" Camshaft Position Actuator Control Circuit Signal Low Bank 1
P1530 "B" Camshaft Position Actuator Control Circuit Signal High Bank 1
P1531 "B" Camshaft Position Actuator Control Open Circuit Bank 1
P1532 "B" Camshaft Position Actuator Control Open Circuit Bank 2
P1533 "B" Camshaft Position Actuator Control Circuit Signal Low Bank 2
P1534 "B" Camshaft Position Actuator Control Circuit Signal High Bank 2
P1540 Pedal Position Sensor

P1541 Pedal Position Sensor Double Error
P1542 Pedal Position Sensor Electrical
P1543 Pedal Position Sensor
P1544 Pedal Position Sensor
P1545 Pedal Position Sensor
P1546 Pedal Position Sensor
P1550 Idle Speed Control valve Closing Solenoid Control Circuit Electrical
P1551 "A" Camshaft Position Actuator Control Open Circuit Bank 1
P1552 "A" Camshaft Position Actuator Control Open Circuit Bank 1
P1556 "A" Camshaft Position Actuator Control Open Circuit Bank 1
P1560 "B" Camshaft Position Actuator Control Open Circuit Bank 1
P1564 Control Module Selection
P1565 "B" Camshaft Position Actuator Control Open Circuit Bank 1
P1569 "A" Camshaft Position Actuator Control Open Circuit Bank 2
P1580 Throttle Valve Mechanically Stuck
P1581 "B" Camshaft Position Actuator Control Open Circuit Bank 2
P1589 Control Module Self Test, Knock Control Test Pulse Bank 1
P1593 DISA Control Circuit Electrical
P1594 "B" Camshaft Position Actuator Control Open Circuit Bank 2
P1602 Control Module Self Test, Control Module Defective
P1603 Control Module Self Test, Torque Monitoring
P1604 Control Module Self Test, Speed Monitoring
P1607 CAN Version
P1608 Serial Communicating Link Control Module
P1609 Serial Communicating Link EML
P1611 Serial Communicating Link Transmission Control Module
P1619 MAP Cooling Control Circuit Signal Low
P1620 MAP Cooling Control Circuit Signal High
P1622 MAP Cooling Control Circuit Electrical
P1623 Pedal Position Sensor Potentiometer Supply
P1624 Pedal Position Sensor Potentiometer Supply Channel 1 Electrical
P1625 Pedal Position Sensor Potentiometer Supply Channel 2 Electrical
P1632 Throttle Valve Adaptation; Adaptation Condition Not Met
P1633 Throttle Valve Adaptation; Limp Home Position
P1634 Throttle Valve Adaptation; Spring Test Failed
P1635 Throttle Valve Adaptation; Lower Mechanical Stop Not Adapted
P1636 Throttle Valve Control Circuit
P1637 Throttle Valve Position Control; Control Deviation
P1638 Throttle Valve Position Control; Throttle Stuck Temporarily
P1639 Throttle Valve Position Control; Throttle Stuck Permanently
P1640 Internal Control Module (ROM/RAM) Error
P1690 Malfunction Indicator Lamp (MIL) Electrical
P1734 Pressure Control Solenoid "B" Electrical
P1738 Pressure Control Solenoid "C" Electrical
P1743 Pressure Control Solenoid "E" Electrical
P1744 Pressure Control Solenoid "A" Electrical
P1746 Transmission Control Module Output Stage
P1747 CAN Bus Monitoring
P1748 Transmission Control Module Self Test
P1749 Secondary Pressure Solenoid Communication Error
P1750 Secondary Pressure Solenoid Circuit Range/Performance

P1751 Secondary Pressure Solenoid Open Circuit
P1761 Shift Solenoid Malfunction
P1765 CAN Throttle Valve
P1770 CAN Torque Interface
P1780 CAN Torque Reduction

B Codes

B0001 PCM Discrete Input Speed Signal Error
B0004 PCM Discrete Input Speed Signal Not Present
B0005 In Park Switch Circuit Malfunction
B0016 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0017 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Open
B0018 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0022 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0024 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0026 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Open
B0028 RF/Passenger Side Deployment Loop Resistance Low
B0029 RF/Passenger Side Deployment Loop Open
B0030 RF/Passenger Side Deployment Loop Short to Ground/Voltage Out of Range
B0035 ADS Closed/Shorted to Ground
B0036 ADS Open/Missing/Shorted to Battery
B0037 AUX switch closed/shorted to ground
B0038 AUX switch open/shorted to battery
B0040 LF/Driver Side Deployment Loop Resistance Low
B0041 LF/Driver Side Deployment Loop Open
B0045 LF Side Deploy Loop Short to Ground/Voltage Out of Range
B0051 Deployment Commanded
B0053 Deployment Commanded with Loop Malfunctions Present
B0057 RF/Passenger Pretensioner Deployment Loop Resistance Low
B0058 RF/Passenger Pretensioner Deployment Loop Open
B0059 RF/Passenger Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0064 LF/Driver Pretensioner Deployment Loop Resistance Low
B0065 LF/Driver Pretensioner Deployment Loop Open
B0066 LF/Driver Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0073 Supplemental Deployment Loop #1 Resistance Low
B0074 Supplemental Deployment Loop #1 Open
B0075 Supplemental Deployment Loop #1 Short to Ground/Voltage Out of Range
B0077 LF/Driver SIS Malfunction
B0078 RF/Passenger SIS Malfunction
B0079 Incorrect LF/Driver SIS Installed
B0080 Discard LF/Driver SIS
B0081 Incorrect RF/Passenger SIS Installed
B0082 Discard RF/Passenger SIS
B0086 Supplemental Deployment Loop #2 Resistance Low
B0087 Supplemental Deployment Loop #2 Open
B0088 Supplemental Deployment Loop #2 Short to Ground/Voltage
B0001 PCM Discrete Input Speed Signal Error

B0004 PCM Discrete Input Speed Signal Not Present
B0005 In Park Switch Circuit Malfunction
B0016 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0017 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Open
B0018 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0022 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0024 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0026 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Open
B0028 RF/Passenger Side Deployment Loop Resistance Low
B0029 RF/Passenger Side Deployment Loop Open
B0030 RF/Passenger Side Deployment Loop Short to Ground/Voltage Out of Range
B0035 ADS Closed/Shorted to Ground
B0036 ADS Open/Missing/Shorted to Battery
B0037 AUX switch closed/shorted to ground
B0038 AUX switch open/shorted to battery
B0040 LF/Driver Side Deployment Loop Resistance Low
B0041 LF/Driver Side Deployment Loop Open
B0045 LF Side Deploy Loop Short to Ground/Voltage Out of Range
B0051 Deployment Commanded
B0053 Deployment Commanded with Loop Malfunctions Present
B0057 RF/Passenger Pretensioner Deployment Loop Resistance Low
B0058 RF/Passenger Pretensioner Deployment Loop Open
B0059 RF/Passenger Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0064 LF/Driver Pretensioner Deployment Loop Resistance Low
B0065 LF/Driver Pretensioner Deployment Loop Open
B0066 LF/Driver Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0073 Supplemental Deployment Loop #1 Resistance Low
B0074 Supplemental Deployment Loop #1 Open
B0075 Supplemental Deployment Loop #1 Short to Ground/Voltage Out of Range
B0077 LF/Driver SIS Malfunction
B0078 RF/Passenger SIS Malfunction
B0079 Incorrect LF/Driver SIS Installed
B0080 Discard LF/Driver SIS
B0081 Incorrect RF/Passenger SIS Installed
B0082 Discard RF/Passenger SIS
B0086 Supplemental Deployment Loop #2 Resistance Low
B0087 Supplemental Deployment Loop #2 Open
B0088 Supplemental Deployment Loop #2 Short to Ground/Voltage Out of Range
B0090 Active switch voltage out of range
B0091 Active switch: wrong state
B0092 PPS passenger detection error
B0093 PPS/CPS self-test malfunction
B0094 CPS child seat detection error
B0095 SDM-PPS/CPS mismatch malfunction
B0126 Right Panel Discharge Temperature Fault
B0131 Right Heater Discharge Temperature Fault
B0159 Outside Air Temperature Sensor Circuit Range/Performance
B0164 Passenger Compartment Temperature Sensor #1 (Single Sensor or LH) Circuit Range/Performance

B0169 In-car Temp Sensor Failure (passenger -not used)
B0174 Output Air Temperature Sensor #1 (Upper; Single or LH) Circuit Range/Performance
B0179 Output Air Temperature Sensor #2 (Lower; Single or LH) Circuit Range/Performance
B0184 Solar Load Sensor #1 CKT Range
B0189 Solar Load Sensor #2 CKT Range
B0248 Mode Door Inoperative Error
B0249 Heater/Defrost/AC Door Range Error
B0268 A/I Door Inoperative Error
B0269 Air Inlet Door Range Error
B0408 Temperature Control #1 (Main/Front) Circuit Malfunction
B0409 Air Mix Door #1 Range Error
B0419 Air Mix Door #2 Range Error
B0423 Air Mix Door #2 Inoperative Error
B0428 Air Mix Door #3 Inoperative Error
B0429 Temperature Control #3 Rear Circuit Range/Performance
B0510 RH Panel Discharge Temp Sensor Failure
B0515 RH Heater Discharge Temp Sensor Failure
B0520 Rear Discharge Temp Sensor Failure
B0530 Fuel Level Sensor Stuck
B0532 Fuel Sensor Shorted To Ground
B0533 Fuel Sensor Open/Shorted To B+
B0688 Security System Indicator Circuit High
B0768 Service Indicator Circuit High
B0846 +5 Volt Reference Out of Range
B0856 Battery 2 Out of Range

U Codes

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 A (+)
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 B (+)
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 C (+)
U0055 Vehicle Communication Bus D
U0056 Vehicle Communication Bus D Performance
U0057 Vehicle Communication Bus D (+) Open
U0058 Vehicle Communication Bus D (+) Low
U0059 Vehicle Communication Bus D (+) High
U0060 Vehicle Communication Bus D (-) Open
U0061 Vehicle Communication Bus D (-) Low
U0062 Vehicle Communication Bus D (-) High
U0063 Vehicle Communication Bus D (-) shorted to Bus D (+)
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 E (+)
U0073 Control Module Communication Bus Off
U0074 Reserved by Document
U0075 Reserved by Document
U0076 Reserved by Document
U0077 Reserved by Document
U0078 Reserved by Document
U0079 Reserved by Document
U0080 Reserved by Document
U0081 Reserved by Document
U0082 Reserved by Document
U0083 Reserved by Document
U0084 Reserved by Document

U0085 Reserved by Document
U0086 Reserved by Document
U0087 Reserved by Document
U0088 Reserved by Document
U0089 Reserved by Document
U0090 Reserved by Document
U0091 Reserved by Document
U0092 Reserved by Document
U0093 Reserved by Document
U0094 Reserved by Document
U0095 Reserved by Document
U0096 Reserved by Document
U0097 Reserved by Document
U0098 Reserved by Document
U0099 Reserved by Document
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
U0106 Lost Communication With Glow Plug Control Module
U0107 Lost Communication With Throttle Actuator Control Module
U0108 Lost Communication With Alternative Fuel Control Module
U0109 Lost Communication With Fuel Pump Control Module
U0110 Lost Communication With Drive Motor Control Module
U0111 Lost Communication With Battery Energy Control Module "A"
U0112 Lost Communication With Battery Energy Control Module "B"
U0113 Lost Communication With Emissions Critical Control Information
U0114 Lost Communication With Four-Wheel Drive Clutch Control Module
U0115 Lost Communication With ECM/PCM "B"
U0116 Reserved by Document
U0117 Reserved by Document
U0118 Reserved by Document
U0119 Reserved by Document
U0120 Reserved by Document
U0121 Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0122 Lost Communication With Vehicle Dynamics Control Module
U0123 Lost Communication With Yaw Rate Sensor Module
U0124 Lost Communication With Lateral Acceleration Sensor Module
U0125 Lost Communication With Multi-axis Acceleration Sensor Module
U0126 Lost Communication With Steering Angle Sensor Module
U0127 Lost Communication With Tire Pressure Monitor Module
U0128 Lost Communication With Park Brake Control Module

C Codes

C0000 - Vehicle Speed Information Circuit Malfunction
C0035 - Left Front Wheel Speed Circuit Malfunction
C0040 - Right Front Wheel Speed Circuit Malfunction
C0041 - Right Front Wheel Speed Sensor Circuit Range/Performance (EBCM)
C0045 - Left Rear Wheel Speed Circuit Malfunction
C0046 - Left Rear Wheel Speed Sensor Circuit Range/Performance (EBCM)
C0050 - Right Rear Wheel Speed Circuit Malfunction
C0051 - LF Wheel Speed Sensor Circuit Range/Performance (EBCM)
C0060 - Left Front ABS Solenoid #1 Circuit Malfunction
C0065 - Left Front ABS Solenoid #2 Circuit Malfunction

C0070 - Right Front ABS Solenoid #1 Circuit Malfunction
C0075 - Right Front ABS Solenoid #2 Circuit Malfunction
C0080 - Left Rear ABS Solenoid #1 Circuit Malfunction
C0085 - Left Rear ABS Solenoid #2 Circuit Malfunction
C0090 - Right Rear ABS Solenoid #1 Circuit Malfunction
C0095 - Right Rear ABS Solenoid #2 Circuit Malfunction
C0110 - Pump Motor Circuit Malfunction
C0121 - Valve Relay Circuit Malfunction
C0128 - Low Brake Fluid Circuit Low
C0141 - Left TCS Solenoid #1 Circuit Malfunction
C0146 - Left TCS Solenoid #2 Circuit Malfunction
C0151 - Right TCS Solenoid #1 Circuit Malfunction
C0156 - Right TCS Solenoid #2 Circuit Malfunction
C0161 - ABS/TCS Brake Switch Circuit Malfunction
C0221 - Right Front Wheel Speed Sensor Circuit Open
C0222 - Right Front Wheel Speed Signal Missing
C0223 - Right Front Wheel Speed Signal Erratic
C0225 - Left Front Wheel Speed Sensor Circuit Open
C0226 - Left Front Wheel Speed Signal Missing
C0227 - Left Front Wheel Speed Signal Erratic
C0229 - Drop Out of Front Wheel Speed Signals
C0235 - Rear Wheel Speed Signal Circuit Open
C0236 - Rear Wheel Speed Signal Circuit Missing
C0237 - Rear Wheel Speed Signal Erratic
C0238 - Wheel Speed Mismatch
C0241 - EBCM Control Valve Circuit
C0245 - Wheel Speed Sensor Frequency Error
C0254 - EBCM Control Valve Circuit
C0265 - EBCM Relay Circuit
C0266 - EBCM Relay Circuit
C0267 - Pump Motor Circuit Open/Shorted
C0268 - Pump Motor Circuit Open/Shorted
C0269 - Excessive Dump/Isolation Time
C0271 - EBCM Malfunction
C0272 - EBCM Malfunction
C0273 - EBCM Malfunction
C0274 - Excessive Dump/Isolation Time
C0279 - Powertrain Configuration Not Valid
C0281 - Brake Switch Circuit
C0283 - Traction Switch Shorted to Ground
C0284 - EBCM Malfunction
C0286 - ABS Indicator Lamp Circuit Shorted to B+
C0287 - Delivered Torque Circuit
C0288 - Brake Warning Lamp Circuit Shorted to B+
C0290 - Lost Communications With PCM
C0292 - Lost Communications With PCM
C0291 - Lost Communications With BCM
C0297 - Powertrain Configuration Data Not Received
C0298 - Powertrain Indicated Traction Control Malfunction
C0300 - Rear Speed Sensor Malfunction
C0305 - Front Speed Sensor Malfunction
C0306 - Motor A or B Circuit
C0308 - Motor A/B Circuit Low
C0309 - Motor A/B Circuit High
C0310 - Motor A/B Circuit Open
C0315 - Motor Ground Circuit Open
C0321 - Transfer Case Lock Circuit
C0323 - T-Case Lock Circuit Low
C0324 - T-Case Lock Circuit High

C0327 - Encoder Circuit Malfunction
C0357 - Park Switch Circuit High
C0359 - Four Wheel Drive Low Range (4LO) Discrete Output Circuit
C0362 - 4LO Discrete Output Circuit High
C0367 - Front Axle Control Circuit High
C0374 - General System Malfunction
C0376 - Front/Rear Shaft Speed Mismatch
C0379 - Front Axle System
C0387 - Unable to Perform Shift
C0472 - Steering Handwheel Speed Sensor Signal V Low
C0473 - Steering Handwheel Speed Sensor Signal V High
C0495 - EVO Tracking Error
C0498 - Steering Assist Control Actuator Feed Circuit Low
C0499 - Steering Assist Control Solenoid Feed Circuit High
C0503 - Steering Assist Control Solenoid Return Circuit Low
C0504 - Steering Assist Control Solenoid Return Circuit High
C0550 - ECU Malfunction - internal write / checksum malfunction
C0559 - EEPROM Checksum Error
C0563 - Calibration ROM Checksum Error
C0577 - Left Front Solenoid Circuit Low
C0578 - Left Front Solenoid Circuit High
C0579 - Left Front Solenoid Circuit Open
C0582 - Right Front Solenoid Circuit Low
C0583 - Right Front Solenoid Circuit High
C0584 - Right Front Solenoid Circuit Open
C0587 - Left Rear Solenoid Circuit Low
C0588 - Left Rear Solenoid Circuit High
C0589 - Left Rear Solenoid Circuit Open
C0592 - Right Rear Solenoid Circuit Low
C0593 - Right Rear Solenoid Circuit High
C0594 - Right Rear Solenoid Circuit Open
C0611 - VIN Information Error
C0615 - Left Front Position Sensor Malfunction
C0620 - Right Front Position Sensor Malfunction
C0625 - Left Rear Position Sensor Malfunction
C0628 - Level Control Position Sensor Circuit High
C0630 - Right Rear Position Sensor Malfunction
C0635 - Left Front Normal Force Circuit Malfunction
C0638 - Left Front Normal Force Circuit High
C0640 - Right Front Normal Force Circuit Malfunction
C0643 - Right Front Normal Force Circuit High
C0655 - Level Control Compressor Relay Malfunction
C0657 - Level Control Compressor Circuit Low
C0658 - Level Control Compressor Circuit High
C0660 - Level Control Exhaust Valve Circuit Malfunction
C0662 - Level Control Exhaust Valve Circuit Low
C0663 - Level Control Exhaust Valve Circuit High
C0665 - Chassis Pitch Signal Circuit
C0690 - Damper Control Relay Circuit Malfunction
C0691 - Damper Control Relay Circuit Range
C0693 - Damper Control Relay Circuit High
C0695 - Position Sensor Overcurrent (8 volt supply)
C0696 - Position Sensor Overcurrent (5 volt supply)
C0710 - Steering Position Signal Malfunction
C0750 - Tire Pressure Monitor (TPM) system sensor not transmitting
C0755 - Tire Pressure Monitor (TPM) system sensor not transmitting
C0760 - Tire Pressure Monitor (TPM) system sensor not transmitting
C0765 - Tire Pressure Monitor (TPM) system sensor not transmitting

C0800 - Device Power #1 Circuit Malfunction

C0896 - Electronic Suspension Control (ESC) voltage is outside the normal range of 9 to 15.5 volts

Generic Codes - All Have P2 prefix

P2A00 Heated oxygen sensor 1, bank 1 - range/performance

P2A00 Oxygen sensor 1, bank 1 - range/performance

P2A01 Heated oxygen sensor 2, bank 1 - range/performance

P2A01 Oxygen sensor 2, bank 1 - range/performance

P2A02 Heated oxygen sensor 3, bank 1 - range/performance

P2A02 Oxygen sensor 3, bank 1 - range/performance

P2A03 Heated oxygen sensor 1, bank 2 - range/performance

P2A03 Oxygen sensor 1, bank 2 - range/performance

P2A04 Heated oxygen sensor 2, bank 2 - range/performance

P2A04 Oxygen sensor 2, bank 2 - range/performance

P2A05 Heated oxygen sensor 3, bank 2 - range/performance

P2A05 Oxygen sensor 3, bank 2 - range/performance

P2000 Nitrogen oxides trap, bank 1 - efficiency below threshold

P2001 Nitrogen oxides trap, bank 2 - efficiency below threshold

P2002 Particulate trap, bank 1 - efficiency below threshold

P2003 Particulate trap, bank 2 - efficiency below threshold

P2004 Intake manifold air control actuator, bank 1 - actuator stuck open

P2004 Intake manifold air control solenoid, bank 1 - solenoid stuck open

P2005 Intake manifold air control actuator, bank 2 - actuator stuck open

P2005 Intake manifold air control solenoid, bank 2 - solenoid stuck open

P2006 Intake manifold air control actuator, bank 1 - actuator stuck closed

P2006 Intake manifold air control solenoid, bank 1 - solenoid stuck closed

P2007 Intake manifold air control actuator, bank 2 - actuator stuck closed

P2007 Intake manifold air control solenoid, bank 2 - solenoid stuck closed

P2008 Intake manifold air control actuator, bank 1 - open circuit

P2008 Intake manifold air control solenoid, bank 1 - open circuit

P2009 Intake manifold air control actuator, bank 1 - circuit low

P2009 Intake manifold air control solenoid, bank 1 - circuit low

P2010 Intake manifold air control actuator, bank 1 - circuit high

P2010 Intake manifold air control solenoid, bank 1 - circuit high

P2011 Intake manifold air control actuator, bank 2 - open circuit

P2011 Intake manifold air control solenoid, bank 2 - open circuit

P2012 Intake manifold air control actuator, bank 2 - circuit low

P2012 Intake manifold air control solenoid, bank 2 - circuit low

P2013 Intake manifold air control actuator, bank 2 - circuit high

P2013 Intake manifold air control solenoid, bank 2 - circuit high

P2014 Intake manifold air control actuator position sensor/switch, bank 1 - circuit malfunction

P2015 Intake manifold air control actuator position sensor/switch, bank 1 - range/performance

P2016 Intake manifold air control actuator position sensor/switch, bank 1 - circuit low

P2017 Intake manifold air control actuator position sensor/switch, bank 1 - circuit high

P2018 Intake manifold air control actuator position sensor/switch, bank 1 - circuit intermittent

P2019 Intake manifold air control actuator position sensor/switch, bank 2 - circuit malfunction

P2020 Intake manifold air control actuator position sensor/switch, bank 2 - range/performance

P2021 Intake manifold air control actuator position sensor/switch, bank 2 - circuit low
P2022 Intake manifold air control actuator position sensor/switch, bank 2 - circuit high
P2023 Intake manifold air control actuator position sensor/switch, bank 2 - circuit intermittent
P2024 Evaporative emission fuel vapour temperature sensor - circuit malfunction
P2025 Evaporative emission fuel vapour temperature sensor - range/performance
P2026 Evaporative emission fuel vapour temperature sensor - low voltage
P2027 Evaporative emission fuel vapour temperature sensor - high voltage
P2028 Evaporative emission fuel vapour temperature sensor - circuit intermittent
P2029 Auxiliary heater (fuel fired) - system disabled
P2030 Auxiliary heater (fuel fired) - performance problem
P2031 Exhaust gas temperature sensor 2, bank 1 - circuit malfunction
P2032 Exhaust gas temperature sensor 2, bank 1 - circuit low
P2033 Exhaust gas temperature sensor 2, bank 1 - circuit high
P2034 Exhaust gas temperature sensor 2, bank 2 - circuit malfunction
P2035 Exhaust gas temperature sensor 2, bank 2 - circuit low
P2036 Exhaust gas temperature sensor 2, bank 2 - circuit high
P2037 Reductant injection air pressure sensor - circuit malfunction
P2038 Reductant injection air pressure sensor - range/performance
P2039 Reductant injection air pressure sensor - low input
P2040 Reductant injection air pressure sensor - high input
P2041 Reductant injection air pressure sensor - circuit intermittent
P2042 Reductant temperature sensor - circuit malfunction
P2043 Reductant temperature sensor - range/performance
P2044 Reductant temperature sensor - low input
P2045 Reductant temperature sensor - high input
P2046 Reductant temperature sensor - circuit intermittent
P2047 Reductant injector 1, bank 1 - open circuit
P2048 Reductant injector 1, bank 1 - circuit low
P2049 Reductant injector 1, bank 1 - circuit high
P2050 Reductant injector 1, bank 2 - open circuit
P2051 Reductant injector 1, bank 2 - circuit low
P2052 Reductant injector 1, bank 2 - circuit high
P2053 Reductant injector 2, bank 1 - open circuit
P2054 Reductant injector 2, bank 1 - circuit low
P2055 Reductant injector 2, bank 1 - circuit high
P2056 Reductant injector 2, bank 2 - open circuit
P2057 Reductant injector 2, bank 2 - circuit low
P2058 Reductant injector 2, bank 2 - circuit high
P2059 Reductant injection air pump - open circuit
P2060 Reductant injection air pump - circuit low
P2061 Reductant injection air pump - circuit high
P2062 Reductant supply control - open circuit
P2063 Reductant supply control - circuit low
P2064 Reductant supply control - circuit high
P2065 Fuel gauge tank sensor B - circuit malfunction
P2066 Fuel gauge tank sensor B - performance problem
P2067 Fuel gauge tank sensor B - circuit low
P2068 Fuel gauge tank sensor B - circuit high
P2069 Fuel gauge tank sensor B - circuit intermittent
P2070 Intake manifold air control actuator - actuator stuck open
P2070 Intake manifold air control solenoid - solenoid stuck open
P2071 Intake manifold air control actuator - actuator stuck closed
P2071 Intake manifold air control solenoid - solenoid stuck closed
P2075 Intake manifold air control actuator position sensor/switch - circuit malfunction
P2076 Intake manifold air control actuator position sensor/switch - range/performance
P2077 Intake manifold air control actuator position sensor/switch - circuit low
P2078 Intake manifold air control actuator position sensor/switch - circuit high

P2079 Intake manifold air control actuator position sensor/switch - circuit intermittent
P2080 Exhaust gas temperature sensor 1, bank 1 - range/performance
P2081 Exhaust gas temperature sensor 1, bank 1 - circuit intermittent
P2082 Exhaust gas temperature sensor 1, bank 2 - range/performance
P2083 Exhaust gas temperature sensor 1, bank 2 - circuit intermittent
P2084 Exhaust gas temperature sensor 2, bank 1 - range/performance
P2085 Exhaust gas temperature sensor 2, bank 1 - circuit intermittent
P2086 Exhaust gas temperature sensor 2, bank 2 - range/performance
P2087 Exhaust gas temperature sensor 2, bank 2 - circuit intermittent
P2088 Camshaft position actuator A, bank 1 - circuit low
P2089 Camshaft position actuator A, bank 1 - circuit high
P2090 Camshaft position actuator B, bank 1 - circuit low
P2091 Camshaft position actuator B, bank 1 - circuit high
P2092 Camshaft position actuator A, bank 2 - circuit low
P2093 Camshaft position actuator A, bank 2 - circuit high
P2094 Camshaft position actuator B, bank 2 - circuit low
P2095 Camshaft position actuator B, bank 2 - circuit high
P2096 Post catalytic converter fuel trim , bank 1 - too lean
P2097 Post catalytic converter fuel trim , bank 1 - too rich
P2098 Post catalytic converter fuel trim , bank 2 - too lean
P2099 Post catalytic converter fuel trim , bank 2 - too rich
P2100 Throttle actuator control motor - open circuit
P2101 Throttle actuator control motor - range/performance
P2102 Throttle actuator control motor - circuit low
P2103 Throttle actuator control motor - circuit high
P2104 Throttle actuator control system - forced idle mode
P2105 Throttle actuator control system - forced engine shut down mode
P2106 Throttle actuator control system - forced limited power mode
P2107 Throttle actuator control control module - processor fault
P2108 Throttle actuator control control module - performance problem
P2109 Accelerator pedal position sensor A - minimum stop performance
P2109 Throttle position sensor A - minimum stop performance
P2110 Throttle actuator control system - forced limited rpm mode
P2111 Throttle actuator control system - actuator stuck open
P2112 Throttle actuator control system - actuator stuck closed
P2113 Accelerator pedal position sensor B - minimum stop performance
P2113 Throttle position sensor B - minimum stop performance
P2114 Accelerator pedal position sensor C - minimum stop performance
P2114 Throttle position sensor C - minimum stop performance
P2115 Accelerator pedal position sensor D - minimum stop performance
P2115 Throttle position sensor D - minimum stop performance
P2116 Accelerator pedal position sensor E - minimum stop performance
P2116 Throttle position sensor E - minimum stop performance
P2117 Accelerator pedal position sensor F - minimum stop performance
P2117 Throttle position sensor F - minimum stop performance
P2118 Throttle actuator control , throttle motor current - range/performance
P2119 Throttle actuator control , throttle valve - range/performance
P2120 Accelerator pedal position sensor/switch D - circuit malfunction
P2120 Throttle position sensor/switch D - circuit malfunction
P2121 Accelerator pedal position sensor/switch D - range/performance
P2121 Throttle position sensor/switch D - range/performance
P2122 Accelerator pedal position sensor/switch D - low input
P2122 Throttle position sensor/switch D - low input
P2123 Accelerator pedal position sensor/switch D - high input
P2123 Throttle position sensor/switch D - high input
P2124 Accelerator pedal position sensor/switch D - circuit intermittent
P2124 Throttle position sensor/switch D - circuit intermittent
P2125 Accelerator pedal position sensor/switch E - circuit malfunction
P2125 Throttle position sensor/switch E - circuit malfunction

P2126 Accelerator pedal position sensor/switch E - range/performance
P2126 Throttle position sensor/switch E - range/performance
P2127 Accelerator pedal position sensor/switch E - low input
P2127 Throttle position sensor/switch E - low input
P2128 Accelerator pedal position sensor/switch E - high input
P2128 Throttle position sensor/switch E - high input
P2129 Accelerator pedal position sensor/switch E - circuit intermittent
P2129 Throttle position sensor/switch E - circuit intermittent
P2130 Accelerator pedal position sensor/switch F - circuit malfunction
P2130 Throttle position sensor/switch F - circuit malfunction
P2131 Accelerator pedal position sensor/switch F - circuit range/performance
P2131 Throttle position sensor/switch F - circuit range/performance
P2132 Accelerator pedal position sensor/switch F - low input
P2132 Throttle position sensor/switch F - low input
P2133 Accelerator pedal position sensor/switch F - high input
P2133 Throttle position sensor/switch F - high input
P2134 Accelerator pedal position sensor/switch F - circuit intermittent
P2134 Throttle position sensor/switch F - circuit intermittent
P2135 Accelerator pedal position sensor/switch A/B - voltage correlation
P2135 Throttle position sensor/switch A/B - voltage correlation
P2136 Accelerator pedal position sensor/switch A/C - voltage correlation
P2136 Throttle position sensor/switch A/C - voltage correlation
P2137 Accelerator pedal position sensor/switch B/C - voltage correlation
P2137 Throttle position sensor/switch D/E - voltage correlation
P2139 Accelerator pedal position sensor/switch D/F - voltage correlation
P2139 Throttle position sensor/switch D/F - voltage correlation
P2140 Accelerator pedal position sensor/switch E/F - voltage correlation
P2140 Throttle position sensor/switch E/F - voltage correlation
P2141 Exhaust gas recirculation throttle control valve - circuit low
P2142 Exhaust gas recirculation throttle control valve - circuit high
P2143 Exhaust gas recirculation vent control - open circuit
P2144 Exhaust gas recirculation vent control - circuit low
P2145 Exhaust gas recirculation vent control - circuit high
P2146 Injector - group A, supply voltage - open circuit
P2147 Injector - group A, supply voltage - circuit low
P2148 Injector - group A, supply voltage - circuit high
P2149 Injector - group B, supply voltage - open circuit
P2150 Injector - group B, supply voltage - circuit low
P2151 Injector - group B, supply voltage - circuit high
P2152 Injector - group C, supply voltage - open circuit
P2153 Injector - group C, supply voltage - circuit low
P2154 Injector - group C, supply voltage - circuit high
P2155 Injector - group D, supply voltage - open circuit
P2156 Injector - group D, supply voltage - circuit low
P2157 Injector - group D, supply voltage - circuit high
P2158 Vehicle speed sensor B - circuit malfunction
P2159 Vehicle speed sensor B - range/performance
P2160 Vehicle speed sensor B - circuit low
P2161 Vehicle speed sensor B - circuit intermittent/erratic
P2162 Vehicle speed sensor A/B - correlation
P2163 Accelerator pedal position sensor A - maximum stop performance
P2163 Throttle position sensor A - maximum stop performance
P2164 Accelerator pedal position sensor B - maximum stop performance
P2164 Throttle position sensor B - maximum stop performance
P2165 Accelerator pedal position sensor C - maximum stop performance
P2165 Throttle position sensor C - maximum stop performance
P2166 Accelerator pedal position sensor D - maximum stop performance
P2166 Throttle position sensor D - maximum stop performance
P2167 Accelerator pedal position sensor E - maximum stop performance

P2167 Throttle position sensor E - maximum stop performance
P2168 Accelerator pedal position sensor F - maximum stop performance
P2168 Throttle position sensor F - maximum stop performance
P2169 Exhaust gas pressure regulator vent solenoid - circuit open
P2170 Exhaust gas pressure regulator vent solenoid - circuit low
P2171 Exhaust gas pressure regulator vent solenoid - circuit high
P2172 Throttle actuator control system - sudden high airflow detected
P2173 Throttle actuator control system - high airflow detected
P2174 Throttle actuator control system - sudden low airflow detected
P2175 Throttle actuator control system - low airflow detected
P2176 Throttle actuator control system - idle position not learned
P2177 System too lean off idle, bank 1
P2178 System too rich off idle, bank 1
P2179 System too lean off idle, bank 2
P2180 System too rich off idle, bank 2
P2181 Cooling system performance
P2182 Engine coolant temperature sensor 2 - circuit malfunction
P2183 Engine coolant temperature sensor 2 - range/performance
P2184 Engine coolant temperature sensor 2 - circuit low
P2185 Engine coolant temperature sensor 2 - circuit high
P2186 Engine coolant temperature sensor 2 - circuit intermittent/erratic
P2187 System too lean at idle, bank 1
P2188 System too rich at idle, bank 1
P2189 System too lean at idle, bank 2
P2190 System too rich at idle, bank 2
P2191 System too lean at higher load, bank 1
P2192 System too rich at higher load, bank 1
P2193 System too lean at higher load, bank 2
P2194 System too rich at higher load, bank 2
P2195 Heated oxygen sensor 1, bank 1 - signal stuck lean
P2195 Oxygen sensor 1, bank 1 - signal stuck lean
P2196 Heated oxygen sensor 1, bank 1 - signal stuck rich
P2196 Oxygen sensor 1, bank 1 - signal stuck rich
P2197 Heated oxygen sensor 1, bank 2 - signal stuck lean
P2197 Oxygen sensor 1, bank 2 - signal stuck lean
P2198 Heated oxygen sensor 1, bank 2 - signal stuck rich
P2198 Oxygen sensor 1, bank 2 - signal stuck rich
P2199 Intake air temperature sensor 1/2 - correlation
P2200 Nitrogen oxides sensor, bank 1 - circuit malfunction
P2201 Nitrogen oxides sensor, bank 1 - range/performance
P2202 Nitrogen oxides sensor, bank 1 - low input
P2203 Nitrogen oxides sensor, bank 1 - high input
P2204 Nitrogen oxides sensor, bank 1 - intermittent input
P2205 Nitrogen oxides sensor, bank 1, heater control - open circuit
P2206 Nitrogen oxides sensor, bank 1, heater control - circuit low
P2207 Nitrogen oxides sensor, bank 1, heater control - circuit high
P2208 Nitrogen oxides sensor, bank 1, heater sense circuit - malfunction
P2209 Nitrogen oxides sensor, bank 1, heater sense circuit - range/performance
P2210 Nitrogen oxides sensor, bank 1, heater sense circuit - low input
P2211 Nitrogen oxides sensor, bank 1, heater sense circuit - high input
P2212 Nitrogen oxides sensor, bank 1, heater sense circuit - circuit intermittent
P2213 Nitrogen oxides sensor, bank 2 - circuit malfunction
P2214 Nitrogen oxides sensor, bank 2 - range/performance
P2215 Nitrogen oxides sensor, bank 2 - low input
P2216 Nitrogen oxides sensor, bank 2 - high input
P2217 Nitrogen oxides sensor, bank 2 - intermittent input
P2218 Nitrogen oxides sensor, bank 2, heater control - open circuit
P2219 Nitrogen oxides sensor, bank 2, heater control - circuit low
P2220 Nitrogen oxides sensor, bank 2, heater control - circuit high

P2221 Nitrogen oxides sensor, bank 2, heater sense circuit - circuit malfunction
P2222 Nitrogen oxides sensor, bank 2, heater sense circuit - range/performance
P2223 Nitrogen oxides sensor, bank 2, heater sense circuit - circuit low
P2224 Nitrogen oxides sensor, bank 2, heater sense circuit - circuit high
P2225 Nitrogen oxides sensor, bank 2, heater sense circuit - circuit intermittent
P2226 Barometric pressure sensor - circuit malfunction
P2227 Barometric pressure sensor - range/performance
P2228 Barometric pressure sensor - circuit low
P2229 Barometric pressure sensor - circuit high
P2230 Barometric pressure sensor - circuit intermittent
P2231 Heated oxygen sensor 1, bank 1 - signal circuit shorted to heater circuit
P2232 Heated oxygen sensor 2, bank 1 - signal circuit shorted to heater circuit
P2233 Heated oxygen sensor 3, bank 1 - signal circuit shorted to heater circuit
P2234 Heated oxygen sensor 1, bank 2 - signal circuit shorted to heater circuit
P2235 Heated oxygen sensor 2, bank 2 - signal circuit shorted to heater circuit
P2236 Heated oxygen sensor 3, bank 2 - signal circuit shorted to heater circuit
P2237 Heated oxygen sensor 1, bank 1, positive current control - open circuit
P2237 Oxygen sensor 1, bank 1, positive current control - open circuit
P2238 Heated oxygen sensor 1, bank 1, positive current control - circuit low
P2238 Oxygen sensor 1, bank 1, positive current control - circuit low
P2239 Heated oxygen sensor 1, bank 1, positive current control - circuit high
P2239 Oxygen sensor 1, bank 1, positive current control - circuit high
P2240 Heated oxygen sensor 1, bank 2, positive current control - open circuit
P2240 Oxygen sensor 1, bank 2, positive current control - open circuit
P2241 Heated oxygen sensor 1, bank 2, positive current control - circuit low
P2241 Oxygen sensor 1, bank 2, positive current control - circuit low
P2242 Heated oxygen sensor 1, bank 2, positive current control - circuit high
P2242 Oxygen sensor 1, bank 2, positive current control - circuit high
P2243 Heated oxygen sensor 1, bank 1, reference voltage - open circuit
P2243 Oxygen sensor 1, bank 1, reference voltage - open circuit
P2244 Heated oxygen sensor 1, bank 1, reference voltage - performance problem
P2244 Oxygen sensor 1, bank 1, reference voltage - performance problem
P2245 Heated oxygen sensor 1, bank 1, reference voltage - circuit low
P2245 Oxygen sensor 1, bank 1, reference voltage - circuit low
P2246 Heated oxygen sensor 1, bank 1, reference voltage - circuit high
P2246 Oxygen sensor 1, bank 1, reference voltage - circuit high
P2247 Heated oxygen sensor 1, bank 2, reference voltage - open circuit
P2247 Oxygen sensor 1, bank 2, reference voltage - open circuit
P2248 Heated oxygen sensor 1, bank 2, reference voltage - performance problem
P2248 Oxygen sensor 1, bank 2, reference voltage - performance problem
P2249 Heated oxygen sensor 1, bank 2, reference voltage - circuit low
P2249 Oxygen sensor 1, bank 2, reference voltage - circuit low
P2250 Heated oxygen sensor 1, bank 2, reference voltage - circuit high
P2250 Oxygen sensor 1, bank 2, reference voltage - circuit high
P2251 Heated oxygen sensor 1, bank 1, negative current control - open circuit
P2251 Oxygen sensor 1, bank 1, negative current control - open circuit
P2252 Heated oxygen sensor 1, bank 1, negative current control - circuit low
P2252 Oxygen sensor 1, bank 1, negative current control - circuit low
P2253 Heated oxygen sensor 1, bank 1, negative current control - circuit high
P2253 Oxygen sensor 1, bank 1, negative current control - circuit high
P2254 Heated oxygen sensor 1, bank 2, negative current control - open circuit
P2254 Oxygen sensor 1, bank 2, negative current control - open circuit
P2255 Heated oxygen sensor 1, bank 2, negative current control - circuit low
P2255 Oxygen sensor 1, bank 2, negative current control - circuit low
P2256 Heated oxygen sensor 1, bank 2, negative current control - circuit high
P2256 Oxygen sensor 1, bank 2, negative current control - circuit high
P2257 Secondary air injection system, control A - circuit low
P2258 Secondary air injection system, control A - circuit high
P2259 Secondary air injection system, control B - circuit low

P2260 Secondary air injection system, control B - circuit high
P2261 Turbocharger bypass valve/supercharger bypass valve
P2262 Turbocharger boost pressure not detected
P2263 Turbocharger boost pressure/supercharger boost pressure - performance problem
P2264 Fuel/water separator sensor - circuit malfunction
P2265 Fuel/water separator sensor - range/performance
P2266 Fuel/water separator sensor - circuit low
P2267 Fuel/water separator sensor - circuit high
P2268 Fuel/water separator sensor - circuit intermittent
P2269 Water in fuel
P2270 Heated oxygen sensor 2, bank 1 - signal stuck lean
P2270 Oxygen sensor 2, bank 1 - signal stuck lean
P2271 Heated oxygen sensor 2, bank 1 - signal stuck rich
P2271 Oxygen sensor 2, bank 1 - signal stuck rich
P2272 Heated oxygen sensor 2, bank 2 - signal stuck lean
P2272 Oxygen sensor 2, bank 2 - signal stuck lean
P2273 Heated oxygen sensor 2, bank 2 - signal stuck rich
P2273 Oxygen sensor 2, bank 2 - signal stuck rich
P2274 Heated oxygen sensor 3, bank 1 - signal stuck lean
P2274 Oxygen sensor 3, bank 1 - signal stuck lean
P2275 Heated oxygen sensor 3, bank 1 - signal stuck rich
P2275 Oxygen sensor 3, bank 1 - signal stuck rich
P2276 Heated oxygen sensor 3, bank 2 - signal stuck lean
P2276 Oxygen sensor 3, bank 2 - signal stuck lean
P2277 Heated oxygen sensor 3, bank 2 - signal stuck rich
P2277 Oxygen sensor 3, bank 2 - signal stuck rich
P2278 Heated oxygen sensor 3, bank 1/heated oxygen sensor 3, bank 2 - signals transposed
P2278 Oxygen sensor 3, bank 1/oxygen sensor 3, bank 2 - signals transposed
P2279 Intake air leak
P2280 Air leak/blockage between air filter and MAF sensor
P2281 Air leak between MAF sensor and throttle body
P2282 Air leak between throttle body and intake valves
P2283 Injector control pressure sensor - circuit malfunction
P2284 Injector control pressure sensor - range/performance
P2285 Injector control pressure sensor - circuit low
P2286 Injector control pressure sensor - circuit high
P2287 Injector control pressure sensor - circuit intermittent
P2288 Injector control pressure - pressure too high
P2289 Injector control pressure, engine off - pressure too high
P2290 Injector control pressure - pressure too low
P2291 Injector control pressure, engine cranking - pressure too low
P2292 Injector control pressure - erratic
P2293 Fuel pressure regulator 2 - performance problem
P2294 Fuel pressure regulator 2 - circuit malfunction
P2295 Fuel pressure regulator 2 - circuit low
P2296 Fuel pressure regulator 2 - circuit high
P2297 Heated oxygen sensor 1, bank 1 - signal out of range during deceleration
P2297 Oxygen sensor 1, bank 1 - signal out of range during deceleration
P2298 Heated oxygen sensor 1, bank 2 - signal out of range during deceleration
P2298 Oxygen sensor 1, bank 2 - signal out of range during deceleration
P2299 Brake pedal position switch/accelerator pedal position sensor - signals incompatible
P2300 Ignition coil A, primary circuit - circuit low
P2301 Ignition coil A, primary circuit - circuit high
P2302 Ignition coil A, secondary circuit - malfunction
P2303 Ignition coil B, primary circuit - circuit low
P2304 Ignition coil B, primary circuit - circuit high
P2305 Ignition coil B, secondary circuit - malfunction
P2306 Ignition coil C, primary circuit - circuit low
P2307 Ignition coil C, primary circuit - circuit high

P2308 Ignition coil C, secondary circuit - malfunction
P2309 Ignition coil D, primary circuit - circuit low
P2310 Ignition coil D, primary circuit - circuit high
P2311 Ignition coil D, secondary circuit - malfunction
P2312 Ignition coil E, primary circuit - circuit low
P2313 Ignition coil E, primary circuit - circuit high
P2314 Ignition coil E, secondary circuit - malfunction
P2315 Ignition coil F, primary circuit - circuit low
P2316 Ignition coil F, primary circuit - circuit high
P2317 Ignition coil F, secondary circuit - malfunction
P2318 Ignition coil G, primary circuit - circuit low
P2319 Ignition coil G, primary circuit - circuit high
P2320 Ignition coil G, secondary circuit - malfunction
P2321 Ignition coil H, primary circuit - circuit low
P2322 Ignition coil H, primary circuit - circuit high
P2323 Ignition coil H, secondary circuit - malfunction
P2324 Ignition coil I, primary circuit - circuit low
P2325 Ignition coil I, primary circuit - circuit high
P2326 Ignition coil I, secondary circuit - malfunction
P2327 Ignition coil J, primary circuit - circuit low
P2328 Ignition coil J, primary circuit - circuit high
P2329 Ignition coil J, secondary circuit - malfunction
P2330 Ignition coil K, primary circuit - circuit low
P2331 Ignition coil K, primary circuit - circuit high
P2332 Ignition coil K, secondary circuit - malfunction
P2333 Ignition coil L, primary circuit - circuit low
P2334 Ignition coil L, primary circuit - circuit high
P2335 Ignition coil L, secondary circuit - malfunction
P2336 Cylinder 1 - above knock threshold
P2337 Cylinder 2 - above knock threshold
P2338 Cylinder 3 - above knock threshold
P2339 Cylinder 4 - above knock threshold
P2340 Cylinder 5 - above knock threshold
P2341 Cylinder 6 - above knock threshold
P2342 Cylinder 7 - above knock threshold
P2343 Cylinder 8 - above knock threshold
P2344 Cylinder 9 - above knock threshold
P2345 Cylinder 10 - above knock threshold
P2346 Cylinder 11 - above knock threshold
P2347 Cylinder 12 - above knock threshold
P2400 Evaporative emission leak detection pump, control - open circuit
P2401 Evaporative emission leak detection pump, control - circuit low
P2402 Evaporative emission leak detection pump, control - circuit high
P2403 Evaporative emission leak detection pump, sense circuit - open circuit
P2404 Evaporative emission leak detection pump, sense circuit - range/performance
P2405 Evaporative emission leak detection pump, sense circuit - circuit low
P2406 Evaporative emission leak detection pump, sense circuit - circuit high
P2407 Evaporative emission leak detection pump, sense circuit - circuit intermittent/erratic
P2408 Fuel filler cap warning sensor/switch - circuit malfunction
P2409 Fuel filler cap warning sensor/switch - range/performance
P2410 Fuel filler cap warning sensor/switch - circuit low
P2411 Fuel filler cap warning sensor/switch - circuit high
P2412 Fuel filler cap warning sensor/switch - circuit intermittent/erratic
P2413 Exhaust gas recirculation system - performance problem
P2414 Heated oxygen sensor 1, bank 1 - exhaust sample error
P2414 Oxygen sensor 1, bank 1 - exhaust sample error
P2415 Heated oxygen sensor 1, bank 2 - exhaust sample error
P2415 Oxygen sensor 1, bank 2 - exhaust sample error
P2416 Heated oxygen sensor 2, bank 1/heated oxygen sensor 3, bank 1 - signals transposed

P2416 Oxygen sensor 2, bank 1/oxygen sensor 3, bank 1 - signals transposed
P2417 Heated oxygen sensor 2, bank 2/heated oxygen sensor 3, bank 2 - signals transposed
P2417 Oxygen sensor 2, bank 2/oxygen sensor 3, bank 2 - signals transposed
P2418 Evaporative emission switching valve - open circuit
P2419 Evaporative emission switching valve - circuit low
P2420 Evaporative emission switching valve - circuit high
P2421 Evaporative emission vent valve - valve stuck open
P2422 Evaporative emission vent valve - valve stuck closed
P2423 Hydrocarbon catalytic converter, bank 1 - efficiency below threshold
P2424 Hydrocarbon catalytic converter, bank 2 - efficiency below threshold
P2425 Exhaust gas recirculation cooling valve - open circuit
P2426 Exhaust gas recirculation cooling valve - circuit low
P2427 Exhaust gas recirculation cooling valve - circuit high
P2428 Exhaust gas temperature , bank 1 - temperature too high
P2429 Exhaust gas temperature , bank 2 - temperature too high
P2430 Secondary air injection system, air flow/pressure sensor, bank 1 - circuit malfunction
P2431 Secondary air injection system, air flow/pressure sensor, bank 1 - range/performance
P2432 Secondary air injection system, air flow/pressure sensor, bank 1 - circuit low
P2433 Secondary air injection system, air flow/pressure sensor, bank 1 - circuit high
P2434 Secondary air injection system, air flow/pressure sensor, bank 1 - circuit intermittent/erratic
P2435 Secondary air injection system, air flow/pressure sensor, bank 2 - circuit malfunction
P2436 Secondary air injection system, air flow/pressure sensor, bank 2 - range/performance
P2437 Secondary air injection system, air flow/pressure sensor, bank 2 - circuit low
P2438 Secondary air injection system, air flow/pressure sensor, bank 2 - circuit high
P2439 Secondary air injection system, air flow/pressure sensor, bank 2 - circuit intermittent/erratic
P2440 Secondary air injection switching valve, bank 1 - valve stuck open
P2441 Secondary air injection switching valve, bank 1 - valve stuck closed
P2442 Secondary air injection switching valve, bank 2 - valve stuck open
P2443 Secondary air injection switching valve, bank 2 - valve stuck closed
P2444 Secondary air injection pump, bank 1 - pump stuck on
P2445 Secondary air injection pump, bank 1 - pump stuck off
P2446 Secondary air injection pump, bank 2 - pump stuck on
P2447 Secondary air injection pump, bank 2 - pump stuck off
P2500 Alternator warning lamp, L-terminal - circuit low
P2501 Alternator warning lamp, L-terminal - circuit high
P2502 Charging system voltage
P2503 Charging system - voltage low
P2504 Charging system - voltage high
P2505 Engine control module - supply voltage
P2506 Engine control module - supply voltage, range/performance
P2507 Engine control module - supply voltage low
P2508 Engine control module - supply voltage high
P2509 Engine control module - supply voltage, intermittent
P2510 Engine control relay, sense circuit - range/performance
P2511 Engine control relay, sense circuit - circuit intermittent
P2512 Event data recorder request - open circuit
P2513 Event data recorder request - circuit low
P2514 Event data recorder request - circuit high
P2515 AC refrigerant pressure sensor B - circuit malfunction
P2516 AC refrigerant pressure sensor B - range/performance
P2517 AC refrigerant pressure sensor B - circuit low
P2518 AC refrigerant pressure sensor B - circuit high
P2519 AC request A - circuit malfunction
P2520 AC request A - circuit low
P2521 AC request A - circuit high
P2522 AC request B - circuit malfunction
P2523 AC request B - circuit low
P2524 AC request B - circuit high
P2525 Vacuum reservoir pressure sensor - circuit malfunction

P2526 Vacuum reservoir pressure sensor - range/performance
P2527 Vacuum reservoir pressure sensor - circuit low
P2528 Vacuum reservoir pressure sensor - circuit high
P2529 Vacuum reservoir pressure sensor - circuit intermittent
P2530 Ignition switch, ON position - circuit malfunction
P2531 Ignition switch, ON position - circuit low
P2532 Ignition switch, ON position - circuit high
P2533 Ignition switch, ON/start position - circuit malfunction
P2534 Ignition switch, ON/start position - circuit low
P2535 Ignition switch, ON/start position - circuit high
P2536 Ignition switch, accessory position - circuit malfunction
P2537 Ignition switch, accessory position - circuit low
P2538 Ignition switch, accessory position - circuit high
P2539 Fuel low pressure sensor - circuit malfunction
P2540 Fuel low pressure sensor - range/performance
P2541 Fuel low pressure sensor - circuit low
P2542 Fuel low pressure sensor - circuit high
P2543 Fuel low pressure sensor - circuit intermittent
P2544 Torque management request, input signal A - malfunction
P2545 Torque management request, input signal A - range/performance
P2546 Torque management request, input signal A - signal low
P2547 Torque management request, input signal A - signal high
P2548 Torque management request, input signal B - malfunction
P2549 Torque management request, input signal B - range/performance
P2550 Torque management request, input signal B - signal low
P2551 Torque management request, input signal B - signal high
P2552 Throttle/fuel inhibit - circuit malfunction
P2553 Throttle/fuel inhibit - range/performance
P2554 Throttle/fuel inhibit - circuit low
P2555 Throttle/fuel inhibit - circuit high
P2556 Engine coolant low sensor/switch - circuit malfunction
P2557 Engine coolant low sensor/switch - range/performance
P2558 Engine coolant low sensor/switch - circuit low
P2559 Engine coolant low sensor/switch - circuit high
P2560 Engine coolant level low
P2561 AC control module - MIL activation requested
P2562 Turbocharger boost control position sensor - circuit malfunction
P2563 Turbocharger boost control position sensor - range/performance
P2564 Turbocharger boost control position sensor - circuit low
P2565 Turbocharger boost control position sensor - circuit high
P2566 Turbocharger boost control position sensor - circuit intermittent
P2567 Direct ozone reduction catalytic converter temperature sensor - circuit malfunction
P2568 Direct ozone reduction catalytic converter temperature sensor - range/performance
P2569 Direct ozone reduction catalytic converter temperature sensor - circuit low
P2570 Direct ozone reduction catalytic converter temperature sensor - circuit high
P2571 Direct ozone reduction catalytic converter temperature sensor - circuit intermittent/erratic
P2572 Direct ozone reduction catalytic converter deterioration sensor
P2573 Direct ozone reduction catalytic converter deterioration sensor - range/performance
P2574 Direct ozone reduction catalytic converter deterioration sensor - circuit low
P2575 Direct ozone reduction catalytic converter deterioration sensor - circuit high
P2576 Direct ozone reduction catalytic converter deterioration sensor - circuit intermittent/erratic
P2577 Direct ozone reduction catalytic converter - efficiency below threshold
P2600 Engine coolant pump motor - open circuit
P2601 Engine coolant pump motor - range/performance
P2602 Engine coolant pump motor - circuit low
P2603 Engine coolant pump motor - circuit high
P2604 Intake air heater A - range/performance
P2605 Intake air heater A - open circuit
P2606 Intake air heater B - range/performance

P2607 Intake air heater B - circuit low
P2608 Intake air heater B - circuit high
P2609 Intake air heater system - performance problem
P2610 Engine control module - internal engine off timer performance
P2611 AC refrigerant distribution valve - open circuit
P2612 AC refrigerant distribution valve - circuit low
P2613 AC refrigerant distribution valve - circuit high
P2614 Camshaft position , output signal - open circuit
P2615 Camshaft position , output signal - circuit low
P2616 Camshaft position , output signal - circuit high
P2617 Crankshaft position , output signal - open circuit
P2618 Crankshaft position , output signal - circuit low
P2619 Crankshaft position , output signal - circuit high
P2620 Throttle position , output signal - open circuit
P2621 Throttle position , output signal - circuit low
P2622 Throttle position , output signal - circuit high
P2623 Injector control pressure regulator - open circuit
P2624 Injector control pressure regulator - circuit low
P2625 Injector control pressure regulator - circuit high
P2626 Heated oxygen sensor 1, bank 1, pumping current trim - open circuit
P2626 Oxygen sensor 1, bank 1, pumping current trim - open circuit
P2627 Heated oxygen sensor 1, bank 1, pumping current trim - circuit low
P2627 Oxygen sensor 1, bank 1, pumping current trim - circuit low
P2628 Heated oxygen sensor 1, bank 1, pumping current trim - circuit high
P2628 Oxygen sensor 1, bank 1, pumping current trim - circuit high
P2629 Heated oxygen sensor 1, bank 2, pumping current trim - open circuit
P2629 Oxygen sensor 1, bank 2, pumping current trim - open circuit
P2630 Heated oxygen sensor 1, bank 2, pumping current trim - circuit low
P2630 Oxygen sensor 1, bank 2, pumping current trim - circuit low
P2631 Heated oxygen sensor 1, bank 2, pumping current trim - circuit high
P2631 Oxygen sensor 1, bank 2, pumping current trim - circuit high
P2632 Fuel pump B, control - open circuit
P2633 Fuel pump B, control - circuit low
P2634 Fuel pump B, control - circuit high
P2635 Fuel pump A - low flow/performance problem
P2636 Fuel pump B - low flow/performance problem
P2637 Torque management, feedback signal A - malfunction
P2638 Torque management, feedback signal A - range/performance
P2639 Torque management, feedback signal A - signal low
P2640 Torque management, feedback signal A - signal high
P2641 Torque management, feedback signal B - malfunction
P2642 Torque management, feedback signal B - range/performance
P2643 Torque management, feedback signal B - signal low
P2644 Torque management, feedback signal B - signal high
P2645 Rocker arm actuator A, bank 1 - open circuit
P2646 Rocker arm actuator A, bank 1 - performance problem or actuator stuck off
P2647 Rocker arm actuator A, bank 1 - actuator stuck on
P2648 Rocker arm actuator A, bank 1 - circuit low
P2649 Rocker arm actuator A, bank 1 - circuit high
P2650 Rocker arm actuator B, bank 1 - open circuit
P2651 Rocker arm actuator B, bank 1 - performance problem or actuator stuck off
P2652 Rocker arm actuator B, bank 1 - actuator stuck on
P2653 Rocker arm actuator B, bank 1 - circuit low
P2654 Rocker arm actuator B, bank 1 - circuit high
P2655 Rocker arm actuator A, bank 2 - open circuit
P2656 Rocker arm actuator A, bank 2 - performance problem or actuator stuck off
P2657 Rocker arm actuator A, bank 2 - actuator stuck on
P2658 Rocker arm actuator A, bank 2 - circuit low
P2659 Rocker arm actuator A, bank 2 - circuit high

P2660 Rocker arm actuator B, bank 2 - open circuit
P2661 Rocker arm actuator B, bank 2 - performance problem or actuator stuck off
P2662 Rocker arm actuator B, bank 2 - actuator stuck on
P2663 Rocker arm actuator B, bank 2 - circuit low
P2664 Rocker arm actuator B, bank 2 - circuit high
P2665 Fuel shut-off solenoid B - open circuit
P2666 Fuel shut-off solenoid B - circuit low
P2667 Fuel shut-off solenoid B - circuit high
P2668 Fuel mode indicator lamp - circuit malfunction
P2669 Actuator supply voltage B - open circuit
P2670 Actuator supply voltage B - circuit low
P2671 Actuator supply voltage B - circuit high
P2700 Transmission friction element A, apply time - range/performance
P2701 Transmission friction element B, apply time - range/performance
P2702 Transmission friction element C, apply time - range/performance
P2703 Transmission friction element D, apply time - range/performance
P2704 Transmission friction element E, apply time - range/performance
P2705 Transmission friction element F, apply time - range/performance
P2706 Shift solenoid F - circuit malfunction
P2707 Shift solenoid F - performance problem or solenoid stuck off
P2708 Shift solenoid F - solenoid stuck on
P2709 Shift solenoid F - electrical
P2710 Shift solenoid F - intermittent
P2711 Unexpected mechanical gear disengagement
P2712 Hydraulic power unit leakage
P2713 Transmission fluid pressure solenoid D - circuit malfunction
P2714 Transmission fluid pressure solenoid D - performance problem or solenoid stuck off
P2715 Transmission fluid pressure solenoid D - solenoid stuck on
P2716 Transmission fluid pressure solenoid D - electrical
P2717 Transmission fluid pressure solenoid D - circuit intermittent
P2718 Transmission fluid pressure solenoid D - open circuit
P2719 Transmission fluid pressure solenoid D - range/performance
P2720 Transmission fluid pressure solenoid D - circuit low
P2721 Transmission fluid pressure solenoid D - circuit high
P2722 Transmission fluid pressure solenoid E - circuit malfunction
P2723 Transmission fluid pressure solenoid E - performance problem or solenoid stuck off
P2724 Transmission fluid pressure solenoid E - solenoid stuck on
P2725 Transmission fluid pressure solenoid E - electrical
P2726 Transmission fluid pressure solenoid E - circuit intermittent
P2727 Transmission fluid pressure solenoid E - open circuit
P2728 Transmission fluid pressure solenoid E - range/performance
P2729 Transmission fluid pressure solenoid E - circuit low
P2730 Transmission fluid pressure solenoid E - circuit high
P2731 Transmission fluid pressure solenoid F - circuit malfunction
P2732 Transmission fluid pressure solenoid F - performance problem or solenoid stuck off
P2733 Transmission fluid pressure solenoid F - solenoid stuck on
P2734 Transmission fluid pressure solenoid F - electrical
P2735 Transmission fluid pressure solenoid F - circuit intermittent
P2736 Transmission fluid pressure solenoid F - open circuit
P2737 Transmission fluid pressure solenoid F - range/performance
P2738 Transmission fluid pressure solenoid F - circuit low
P2739 Transmission fluid pressure solenoid F - circuit high
P2740 Transmission fluid temperature sensor B - circuit malfunction
P2741 Transmission fluid temperature sensor B - circuit range/performance
P2742 Transmission fluid temperature sensor B - circuit low
P2743 Transmission fluid temperature sensor B - circuit high
P2744 Transmission fluid temperature sensor B - circuit intermittent
P2745 Transmission intermediate shaft speed sensor B - circuit malfunction
P2746 Transmission intermediate shaft speed sensor B - range/performance

P2747 Transmission intermediate shaft speed sensor B - no signal
P2748 Transmission intermediate shaft speed sensor B - circuit intermittent
P2749 Transmission intermediate shaft speed sensor C - circuit malfunction
P2750 Transmission intermediate shaft speed sensor C - range/performance
P2751 Transmission intermediate shaft speed sensor C - no signal
P2752 Transmission intermediate shaft speed sensor C - circuit intermittent
P2753 Transmission fluid cooler - open circuit
P2754 Transmission fluid cooler - circuit low
P2755 Transmission fluid cooler - circuit high
P2756 Torque converter clutch pressure control solenoid - circuit malfunction
P2757 Torque converter clutch pressure control solenoid - performance problem or solenoid stuck off
P2758 Torque converter clutch pressure control solenoid - solenoid stuck on
P2759 Torque converter clutch pressure control solenoid - electrical fault
P2760 Torque converter clutch pressure control solenoid - circuit intermittent
P2761 Torque converter clutch pressure control solenoid - open circuit
P2762 Torque converter clutch pressure control solenoid - range/performance
P2763 Torque converter clutch pressure control solenoid - circuit high
P2764 Torque converter clutch pressure control solenoid - circuit low
P2765 Transmission input shaft speed sensor/ turbine shaft speed sensor B - circuit malfunction
P2766 Transmission input shaft speed sensor/ turbine shaft speed sensor B - range/performance
P2767 Transmission input shaft speed sensor/ turbine shaft speed sensor B - no signal
P2768 Transmission input shaft speed sensor/ turbine shaft speed sensor B - circuit intermittent
P2769 Torque converter clutch - circuit low
P2770 Torque converter clutch - circuit high
P2771 Four wheel drive, low gear ratio switch - circuit malfunction
P2772 Four wheel drive, low gear ratio switch - range/performance
P2773 Four wheel drive, low gear ratio switch - circuit low
P2774 Four wheel drive, low gear ratio switch - circuit high
P2775 Transmission gear selection switch, upshift - range/performance
P2776 Transmission gear selection switch, upshift - circuit low
P2777 Transmission gear selection switch, upshift - circuit high
P2778 Transmission gear selection switch, upshift - circuit intermittent/erratic
P2779 Transmission gear selection switch, downshift - range/performance
P2780 Transmission gear selection switch, downshift - circuit low
P2781 Transmission gear selection switch, downshift - circuit high
P2782 Transmission gear selection switch, downshift - circuit intermittent/erratic
P2783 Torque converter - temperature too high
P2784 Transmission input shaft speed sensor/ turbine shaft speed sensor A/B - correlation
P2785 Clutch actuator - temperature too high
P2786 Gear shift actuator - temperature too high
P2787 Clutch - temperature too high
P2788 Auto shift manual transmission, adaptive learning - at limit
P2789 Clutch, adaptive learning - at limit
P2790 Gate select direction - circuit malfunction
P2791 Gate select direction - circuit low
P2792 Gate select direction - circuit high
P2793 Gear shift direction - circuit malfunction
P2794 Gear shift direction - circuit low
P2795 Gear shift direction - circuit high