

# GENERIC OBD-II TROUBLE CODES

## DTC CODES P0001 to P0099

P0010....'A' Camshaft Position Actuator Circuit (Bank 1)

P0011....'A' Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)

P0012....'A' Camshaft Position - Timing Over-Retarded (Bank 1)

P0013....'B' Camshaft Position - Actuator Circuit (Bank 1)

P0014....'B' Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)

P0015....'B' Camshaft Position -Timing Over-Retarded (Bank 1)

P0020....'A' Camshaft Position Actuator Circuit (Bank 2)

P0021....'A' Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)

P0022....'A' Camshaft Position - Timing Over-Retarded (Bank 2)

P0023....'B' Camshaft Position - Actuator Circuit (Bank 2)

P0024....'B' Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)

P0025....'B' Camshaft Position - Timing Over-Retarded (Bank 2)

P0030....HO2S Heater Control Circuit (Bank 1 Sensor 1)

P0031....HO2S Heater Control Circuit Low (Bank 1 Sensor 1)

P0032....HO2S Heater Control Circuit High (Bank 1 Sensor 1)

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 (Bank 1 Sensor 2)

P0037....HO2S Heater Control Circuit Low (Bank 1 Sensor 2)

P0038....HO2S Heater Control Circuit High (Bank 1 Sensor 2)

P0042....HO2S Heater Control Circuit (Bank 1 Sensor 3)

P0043....HO2S Heater Control Circuit Low (Bank 1 Sensor 3)

P0044....HO2S Heater Control Circuit High (Bank 1 Sensor 3)

P0050....HO2S Heater Control Circuit (Bank 2....Sensor 1)

P0051....HO2S Heater Control Circuit Low (Bank 2 Sensor 1)

P0052....HO2S Heater Control Circuit High (Bank 2 Sensor 1)

P0056....HO2S Heater Control Circuit (Bank 2 Sensor 2)

P0057....HO2S Heater Control Circuit Low (Bank 2 Sensor 2)

P0058....HO2S Heater Control Circuit High (Bank 2 Sensor 2)

P0062....HO2S Heater Control Circuit (Bank 2 Sensor 3)

P0063....HO2S Heater Control Circuit Low (Bank 2 Sensor 3)

P0064....HO2S Heater Control Circuit High (Bank 2 Sensor 3)

P0065....Air Assisted Injector Control Range/Performance

P0066....Air Assisted Injector Control Circuit or Circuit Low

P0067....Air Assisted Injector Control Circuit High

P0070....Ambient Air Temperature Sensor Circuit

P0071....Ambient Air Temperature Sensor Range/Performance

P0072....Ambient Air Temperature Sensor Circuit Low Input

P0073....Ambient Air Temperature Sensor Circuit High Input

P0074....Ambient Air Temperature Sensor Circuit Intermittent

P0075....Intake Valve Control Solenoid Circuit (Bank 1)

P0076....Intake Valve Control Solenoid Circuit Low (Bank 1)

P0077....Intake Valve Control Solenoid Circuit High (Bank 1)

P0078....Exhaust Valve Control Solenoid Circuit (Bank 1)

P0079....Exhaust Valve Control Solenoid Circuit Low (Bank 1)

P0080....Exhaust Valve Control Solenoid Circuit High (Bank 1)

P0081....Intake valve Control Solenoid Circuit (Bank 2)

P0082....Intake Valve Control Solenoid Circuit Low (Bank 2)

P0083....Intake Valve Control Solenoid Circuit High (Bank 2)

P0084....Exhaust Valve Control Solenoid Circuit (Bank 2)

P0085....Exhaust Valve Control Solenoid Circuit Low (Bank 2)

P0086....Exhaust Valve Control Solenoid Circuit High (Bank 2)

P0100....Mass or Volume Air Flow Circuit

P0101....Mass or Volume Air Flow Circuit Range/Performance Problem

P0102....Mass or Volume Air Flow Circuit Low Input

P0103....Mass or Volume Air Flow Circuit High Input

P0104....Mass or Volume Air Flow Circuit Intermittent

P0105....Manifold Absolute Pressure/Barometric Pressure Circuit

P0106....Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem

P0107....Manifold Absolute Pressure/Barometric Pressure Circuit Low Input

P0108....Manifold Absolute Pressure/Barometric Pressure Circuit High Input

P0109....Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent

P0110....Intake Air Temperature Circuit

P0111....Intake Air Temperature Circuit Range/Performance Problem

P0112....Intake Air Temperature Circuit Low Input

P0113....Intake Air Temperature Circuit High Input

P0114....Intake Air Temperature Circuit Intermittent

P0115....Engine Coolant Temperature Circuit

P0116....Engine Coolant Temperature Circuit Range/Performance Problem

P0117....Engine Coolant Temperature Circuit Low Input

P0118....Engine Coolant Temperature Circuit High Input

P0119....Engine Coolant Temperature Circuit Intermittent

P0120....Throttle/Pedal Position Sensor/Switch A Circuit

P0121....Throttle/Pedal Position Sensor/Switch A Circuit Range/Performance Problem

P0122....Throttle/Pedal Position Sensor/Switch A Circuit Low Input

P0123....Throttle/Pedal Position Sensor/Switch A Circuit High Input

P0124....Throttle/Pedal Position Sensor/Switch A Circuit Intermittent

P0125....Insufficient Coolant Temperature for Closed Loop Fuel Control

P0126....Insufficient Coolant Temperature for Stable Operation

P0127....Intake Air Temperature Too High

P0128....Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)

P0130....O2 Sensor Circuit (Bank 1 Sensor 1)

P0131....O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)

P0132....O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)

P0133....O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)

P0134....O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

P0135....O2 Sensor Heater Circuit (Bank 1 Sensor 1)

P0136....O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)

P0137....O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)

P0138....O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)

P0139....O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)

P0140....O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)

P0141....O2 Sensor Heater Circuit (Bank 1 Sensor 2)

P0142....O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)

P0143....O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)

P0144....O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)

P0145....O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)

P0146....O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)

P0147....O2 Sensor Heater Circuit (Bank 1 Sensor 3)

P0148....Fuel Delivery Error

P0149....Fuel Timing Error

P0150....O2 Sensor Circuit (Bank 2 Sensor 1)

P0151....O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)

P0152....O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)

P0153....O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)

P0154....O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)

P0155....O2 Sensor Heater Circuit (Bank 2 Sensor 1)

P0156....O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)

P0157....O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)

P0158....O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)

P0159....O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)

P0160....O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)

P0161....O2 Sensor Heater Circuit (Bank 2 Sensor 2)

P0162....O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)

P0163....O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)

P0164....O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)

P0165....O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)

P0166....O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)

P0167....O2 Sensor Heater Circuit (Bank 2 Sensor 3)

P0168....Fuel Temperature Too High

P0169....Incorrect Fuel Composition

P0170....Fuel Trim (Bank 1)

P0171....System too Lean (Bank 1)

P0172....System too Rich (Bank 1)

P0173....Fuel Trim Malfunction (Bank 2)

P0174....System too Lean (Bank 2)

P0175....System too Rich (Bank 2)

P0176....Fuel Composition Sensor Circuit

P0177....Fuel Composition Sensor Circuit Range/Performance

P0178....Fuel Composition Sensor Circuit Low Input

P0179....Fuel Composition Sensor Circuit High Input

P0180....Fuel Temperature Sensor A Circuit

P0181....Fuel Temperature Sensor A Circuit Range/Performance

P0182....Fuel Temperature Sensor A Circuit Low Input

P0183....Fuel Temperature Sensor A Circuit High Input

P0184....Fuel Temperature Sensor A Circuit Intermittent

P0185....Fuel Temperature Sensor B Circuit

P0186....Fuel Temperature Sensor B Circuit Range/Performance

P0187....Fuel Temperature Sensor B Circuit Low Input

P0188....Fuel Temperature Sensor B Circuit High Input

P0189....Fuel Temperature Sensor B Circuit Intermittent

P0190....Fuel Rail Pressure Sensor Circuit

P0191....Fuel Rail Pressure Sensor Circuit Range/Performance

P0192....Fuel Rail Pressure Sensor Circuit Low Input

P0193....Fuel Rail Pressure Sensor Circuit High Input

P0194....Fuel Rail Pressure Sensor Circuit Intermittent

P0195....Engine Oil Temperature Sensor

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

P0201....Injector Circuit - Cylinder 1

P0202....Injector Circuit - Cylinder 2

P0203....Injector Circuit - Cylinder 3

P0204....Injector Circuit - Cylinder 4

P0205....Injector Circuit - Cylinder 5

P0206....Injector Circuit - Cylinder 6

P0207....Injector Circuit - Cylinder 7

P0208....Injector Circuit - Cylinder 8

P0209....Injector Circuit - Cylinder 9

P0210....Injector Circuit - Cylinder 1

P0211....Injector Circuit - Cylinder 11

P0212....Injector Circuit - 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 Over Speed Condition

P0220....Throttle/Pedal Position Sensor/Switch 'B' Circuit

P0221....Throttle/Pedal Position Sensor/Switch 'B' Circuit Range/Performance Problem

P0222....Throttle/Pedal Position Sensor/Switch 'B' Circuit Low Input

P0223....Throttle/Pedal Position Sensor/Switch 'B' Circuit High Input

P0224....Throttle/Pedal Position Sensor/Switch 'B' Circuit Intermittent

P0225....Throttle/Pedal Position Sensor/Switch 'C' Circuit

P0226....Throttle/Pedal Position Sensor/Switch 'C' Circuit Range/Performance Problem

P0227....Throttle/Pedal Position Sensor/Switch 'C' Circuit Low Input

P0228....Throttle/Pedal Position Sensor/Switch 'C' Circuit High Input

P0229....Throttle/Pedal Position Sensor/Switch 'C' Circuit Intermittent

P0230....Fuel Pump Primary Circuit

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 4....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

P0298....Engine Oil Over Temperature

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)

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 (Bank 1 or Single Sensor)

P0326....Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)

P0327....Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)

P0328....Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)

P0329....Knock Sensor 1 Circuit Input Intermittent (Bank 1 or Single Sensor)

P0330....Knock Sensor 2 Circuit (Bank 2)

P0331....Knock Sensor 2 Circuit Range/Performance (Bank 2)

P0332....Knock Sensor 2 Circuit Low Input (Bank 2)

P0333....Knock Sensor 2 Circuit High Input (Bank 2)

P0334....Knock Sensor 2 Circuit Input Intermittent (Bank 2)

P0335....Crankshaft Position Sensor A Circuit

P0336....Crankshaft Position Sensor A Circuit Range/Performance

P0337....Crankshaft Position Sensor A Circuit Low Input

P0338....Crankshaft Position Sensor A Circuit High Input

P0339....Crankshaft Position Sensor A Circuit Intermittent

P0340....Camshaft Position Sensor 'A' Circuit (Bank 1 or Single Sensor)

P0341 Camshaft Position Sensor 'A' Circuit Range/Performance (Bank 1 or Single Sensor)

P0342....Camshaft Position Sensor 'A' Circuit Low Input (Bank 1 or Single Sensor)

P0343....Camshaft Position Sensor 'A' Circuit High Input (Bank 1 or Single Sensor)

P0344....Camshaft Position Sensor 'A' Circuit Intermittent (Bank 1 or Single Sensor)

P0345....Camshaft Position Sensor 'A' Circuit (Bank 2)

P0346....Camshaft Position Sensor 'A' Circuit Range/Performance (Bank 2)

P0347 ....Camshaft Position Sensor 'A' Circuit Low Input (Bank 2)

P0348....Camshaft Position Sensor 'A' Circuit High Input (Bank 2)

P0349....Camshaft Position Sensor 'A' Circuit Intermittent (Bank 2)

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 'F' 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

P0365....Camshaft Position Sensor 'B' Circuit (Bank 1)

P0366....Camshaft Position Sensor 'B' Circuit Range/Performance (Bank 1)

P0367....Camshaft Position Sensor 'B' Circuit Low Input (Bank 1)

P0368....Camshaft Position Sensor 'B' Circuit High Input (Bank 1)

P0369....Camshaft Position Sensor 'B' Circuit Intermittent (Bank 1)

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'

P0385....Crankshaft Position Sensor 'B' Circuit

P0386....Crankshaft Position Sensor 'B' Circuit Range/Performance

P0387....Crankshaft Position Sensor 'B' Circuit Low Input

P0388....Crankshaft Position Sensor 'B' Circuit High Input

P0389....Crankshaft Position Sensor 'B' Circuit Intermittent

P0390....camshaft Position Sensor 'B' Circuit

P0391....Camshaft Position Sensor 'B' circuit Range/Performance (Bank 2)

P0392....Camshaft Position Sensor 'B' Circuit Low Input (Bank 2)

P0393....Camshaft Position Sensor 'B' Circuit High Input (Bank 2)

P0394....Camshaft Position Sensor 'B' Circuit Intermittent (Bank 2)

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

P0416....Secondary Air Injection System Relay 'A' Circuit

P0419....Secondary Air injection System Relay 'B' Circuit

P0420....Catalyst System Efficiency Below Threshold (Bank 1)

P0421....Warm Up Catalyst Efficiency Below Threshold (Bank 1)

P0422....Main Catalyst Efficiency Below Threshold (Bank 1)

P0423....Heated Catalyst Efficiency Below Threshold (Bank 1)

P0424....Heated Catalyst Temperature Below Threshold (Bank 1)

P0425....Catalyst Temperature Sensor (Bank 1)

P0426....Catalyst Temperature Sensor Range/Performance (Bank 1)

P0427....Catalyst Temperature Sensor Low Input (Bank 1)

P0428....Catalyst Temperature Sensor High Input (Bank 1)

P0429....Catalyst Heater Control Circuit (Bank 1)

P0430....Catalyst System Efficiency Below Threshold (Bank 2)

P0431....Warm Up Catalyst Efficiency Below Threshold (Bank 2)

P0432....Main Catalyst Efficiency Below Threshold (Bank 2)

P0433....Heated Catalyst Efficiency Below Threshold (Bank 2)

P0434....Heated Catalyst Temperature Below Threshold (Bank 2)

P0435....Catalyst Temperature Sensor (Bank 2)

P0436....Catalyst Temperature Sensor Range/Performance (Bank 2)

P0437....Catalyst Temperature Sensor Low Input (Bank 2)

P0438....Catalyst Temperature Sensor High Input (Bank 2)

P0439....Catalyst Heater Control Circuit (Bank 2)

P0440....Evaporative Emission Control System

P0441....Evaporative Emission Control System Incorrect Purge Flow

P0442....Evaporative Emission Control System Leak Detected (small leak)

P0443....Evaporative Emission Control System Purge Control Valve Circuit

P0444....Evaporative Emission Control System Purge Control Valve Circuit Open

P0445....Evaporative Emission Control System Purge Control Valve Circuit Shorted

P0446....Evaporative Emission Control System Vent Control Circuit

P0447....Evaporative Emission Control System Vent Control Circuit Open

P0448....Evaporative Emission Control System Vent Control Circuit Shorted

P0449....Evaporative Emission Control System Vent Valve/Solenoid Circuit

P0450....Evaporative Emission Control System Pressure Sensor

P0451....Evaporative Emission Control System Pressure Sensor Range/Performance

P0452....Evaporative Emission Control System Pressure Sensor Low Input

P0453....Evaporative Emission Control System Pressure Sensor High input

P0454....Evaporative Emission Control System Pressure Sensor Intermittent

P0455....Evaporative Emission Control System Leak Detected (gross leak)

P0456....Evaporative Emission Control System Leak Detected (very small leak)

P0457....Evaporative Emission Control System Leak Detected (fuel cap loose/off)

P0460....Fuel Level Sensor Circuit

P0461....Fuel Level Sensor Circuit Range/Performance

P0462....Fuel Level Sensor Circuit Low Input

P0463....Fuel Level Sensor Circuit High Input



P0464....Fuel Level Sensor Circuit Intermittent

P0465....EVAP Purge Flow Sensor Circuit

P0466....EVAP Purge Flow Sensor Circuit Range/Performance

P0467....EVAP Purge Flow Sensor Circuit Low Input

P0468....EVAP Purge Flow Sensor Circuit High Input

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....Cooling Fan 1 Control Circuit

P0481....Cooling Fan 2 Control Circuit

P0482....Cooling Fan 3 Control Circuit

P0483....Cooling Fan Rationality Check

P0484....Cooling Fan Circuit Over Current

P0485....Cooling 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

P0491....Secondary Air Injection System (Bank 1)

P0492....Secondary Air Injection System (Bank

P0500....Vehicle Speed Sensor

P0501....Vehicle Speed Sensor Range/Performance

P0502....Vehicle Speed Sensor Circuit Low Input

P0503....Vehicle Speed Sensor Intermittent/Erratic/High

P0505....Idle Control System

P0506....Idle Control System RPM Lower Than Expected

P0507....Idle Control System RPM Higher Than Expected

P0508....Idle Control System Circuit Low

P0509....Idle Control System Circuit High

P0510....Closed Throttle Position Switch

P0512....Starter Request Circuit

P0513....Incorrect Immobilizer Key

P0515....Battery Temperature Sensor Circuit

P0516....Battery Temperature Sensor Circuit Low

P0517....Battery Temperature Sensor Circuit High

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

P0530....A/C Refrigerant Pressure Sensor Circuit

P0531....A/C Refrigerant Pressure Sensor Circuit Range/Performance

P0532....A/C Refrigerant Pressure Sensor Circuit Low Input

P0533....A/C Refrigerant Pressure Sensor Circuit High Input

P0534....Air Conditioner Refrigerant Charge Loss

P0540....Intake Air Heater Circuit

P0541....Intake Air Heater Circuit Low

P0542....Intake Air Heater Circuit High

P0544....Exhaust Gas Temperature Sensor Circuit (Bank 1)

P0545....Exhaust Gas Temperature Sensor Circuit Low (Bank 1)

P0546....Exhaust Gas Temperature Sensor Circuit High (Bank 1)

P0547....Exhaust Gas Temperature Sensor Circuit (Bank 2)

P0548....Exhaust Gas Temperature Sensor Circuit Low (Bank 2)

P0549....Exhaust Gas Temperature Sensor Circuit High (Bank 2)

P0550....Power Steering Pressure Sensor Circuit

P0551....Power Steering Pressure Sensor Circuit Range/Performance

P0552....Power Steering Pressure Sensor Circuit Low Input

P0553....Power Steering Pressure Sensor Circuit High Input

P0554....Power Steering Pressure Sensor Circuit Intermittent

P0560....System Voltage

P0561....System Voltage Unstable

P0562....System Voltage Low

P0563....System Voltage High

P0564....Cruise Control Multi-Function Input Signal

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 Accel Signal

P0571....Cruise Control/Brake Switch A Circuit

P0572....Cruise Control/Brake Switch A Circuit Low

P0573....Cruise Control/Brake Switch A Circuit High

P0574....Cruise Control System - Vehicle Speed Too High

P0575....Cruise Control Input Circuit

P0576....Cruise Control Input Circuit Low

P0577....Cruise Control input Circuit High

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

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 Control Circuit

P0622....Generator Field 'F' Terminal Control Circuit

P0623....Generator Lamp Control Circuit

P0624....Fuel Cap Lamp Control Circuit

P0630....VIN Not Programmed or Mismatch - ECM/PCM

P0631....VIN Not Programmed or Mismatch - TCM

P0635....Power Steering Control Circuit

P0836....Power Steering Control Circuit Low

P0637....Power Steering Control Circuit High

P0638....Throttle Actuator Control Range/Performance (Bank 1)

P0639....Throttle Actuator Control Range/Performance (Bank 2)

P0640....Intake Air Heater Control 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 (ML) Control Circuit

P0654....Engine RPM Output Circuit

P0655....Engine Hot Lamp Output Control Circuit

P0656....Fuel Level Output Circuit

P0660....Intake Manifold Tuning Valve Control Circuit (Bank 1)

P0661....Intake Manifold Tuning Valve Control Circuit Low (Bank 1)

P0662....Intake Manifold Tuning Valve Control Circuit High (Bank 1)

P0663....Intake Manifold Tuning Valve Control Circuit (Bank 2)

P0664....Intake Manifold Tuning Valve Control Circuit Low (Bank 2)

P0665....Intake Manifold Tuning Valve Control Circuit High (Bank 2)

P0700....Transmission Control System (MIL Request)

P0701....Transmission Control System Range/Performance

P0702....Transmission Control System Electrical

P0703....Torque Converter/Brake Switch B Circuit

P0704....Clutch Switch In put Circuit Malfunction

P0705....Transmission Range Sensor Circuit Malfunction (PRNDL Input)

P0706....Transmission Range Sensor Circuit Range/Performance

P0707....Transmission Range Sensor Circuit Low Input

P0708....Transmission Range Sensor Circuit High Input

P0709....Transmission Range Sensor Circuit intermittent

P0710....Transmission Fluid Temperature Sensor Circuit

P0711....Transmission Fluid Temperature Sensor Circuit Range/Performance

P0712....Transmission Fluid Temperature Sensor Circuit Low Input

P0713....Transmission Fluid Temperature Sensor Circuit High Input

P0714....Transmission Fluid Temperature Sensor Circuit Intermittent

P0715....Input/Turbine Speed Sensor Circuit

P0716....Input/Turbine Speed Sensor Circuit Range/Performance

P0717....Input/Turbine Speed Sensor Circuit No Signal

P0718....Input/Turbine Speed Sensor Circuit Intermittent

P0719....Torque Converter/Brake Switch B Circuit Low

P0720....Output Speed Sensor Circuit

P0721....Output Speed Sensor Circuit Range/Performance

P0722....Output Speed Sensor Circuit No Signal

P0723....Output Speed Sensor Circuit Intermittent

P0724....Torque Converter/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

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

P0739....TCM Engine Speed Output Circuit Low

P0739....TCM Engine Speed Output Circuit High

P0740....Torque Converter Clutch Circuit

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

P0765....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 'C'

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

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 Circuit

P0792....Intermediate Shaft Speed Sensor Circuit Range/Performance

P0793....Intermediate Shaft Speed Sensor Circuit No Signal

P0794....Intermediate Shaft Speed Sensor 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

P0801....Reverse Inhibit Control Circuit

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

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)

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 C ircuit/Open

P0946....Hydraulic Pump Relay C ircuit Range/Performance

P0947....Hydraulic Pump Relay C ircuit Low

P0948....Hydraulic Pump Relay C ircuit 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