

FaultCode	Description	Test
B0001	- Driver Frontal Stage 1 Deployment Control (Subfault)	
B0002	- Driver Frontal Stage 2 Deployment Control (Subfault)	
B0003	- Driver Frontal Stage 3 Deployment Control (Subfault)	
B0004	- Driver Knee Bolster Deployment Control (Subfault)	
B0005	- Collapsible Steering Column Deployment Control (Subfault)	
B0010	- Passenger Frontal Stage 1 Deployment Control (Subfault)	
B0011	- Passenger Frontal Stage 2 Deployment Control (Subfault)	
B0012	- Passenger Frontal Stage 3 Deployment Control (Subfault)	
B0013	- Passenger Knee Bolster Deployment Control (Subfault)	
B0020	- Left Side Airbag Deployment Control (Subfault)	
B0021	- Left Curtain Deployment Control 1 (Subfault)	
B0022	- Left Curtain Deployment Control 2 (Subfault)	
B0028	- Right Side Airbag Deployment Control (Subfault)	
B0029	- Right Curtain Deployment Control 1 (Subfault)	
B002A	- Right Curtain Deployment Control 2 (Subfault)	
B0030	- Second Row Left Side Airbag Deployment Control (Subfault)	
B0031	- Second Row Left Frontal Stage 1 Deployment Control (Subfault)	
B0032	- Second Row Left Frontal Stage 2 Deployment Control (Subfault)	
B0033	- Second Row Left Frontal Stage 3 Deployment Control (Subfault)	
B0038	- Second Row Right Side Airbag Deployment Control (Subfault)	
B0039	- Second Row Right Frontal Stage 1 Deployment Control (Subfault)	
B003A	- Second Row Right Frontal Stage 2 Deployment Control (Subfault)	
B003B	- Second Row Right Frontal Stage 3 Deployment Control (Subfault)	
B0040	- Third Row Left Side Airbag Deployment Control (Subfault)	
B0041	- Third Row Left Frontal Stage 1 Deployment Control (Subfault)	
B0042	- Third Row Left Frontal Stage 2 Deployment Control (Subfault)	
B0043	- Third Row Left Frontal Stage 3 Deployment Control (Subfault)	
B0048	- Third Row Right Side Airbag Deployment Control (Subfault)	
B0049	- Third Row Right Frontal Stage 1 Deployment Control (Subfault)	

B004A	- Third Row Right Frontal Stage 2 Deployment Control (Subfault)
B004B	- Third Row Right Frontal Stage 3 Deployment Control (Subfault)
B0050	- Driver Seatbelt Sensor (Subfault)
B0051	- First Row Centre Seatbelt Sensor (Subfault)
B0052	- Passenger Seatbelt Sensor (Subfault)
B0053	- Second Row Left Seatbelt Sensor (Subfault)
B0054	- Second Row Centre Seatbelt Sensor (Subfault)
B0055	- Second Row Right Seatbelt Sensor (Subfault)
B0056	- Third Row Left Seatbelt Sensor (Subfault)
B0057	- Third Row Centre Seatbelt Sensor (Subfault)
B0058	- Third Row Right Seatbelt Sensor (Subfault)
B0060	- Driver Seatbelt Tension Sensor (Subfault)
B0061	- Passenger Seatbelt tension Sensor (Subfault)
B0070	- Driver Seatbelt Pretensioner Deployment Control (Subfault)
B0071	- First Row Centre Seatbelt Pretensioner Deployment Control (Subfault)
B0072	- Passenger Seatbelt Pretensioner Deployment Control (Subfault)
B0073	- Second Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0074	- Second Row Centre Seatbelt Pretensioner Deployment Control (Subfault)
B0075	- Second Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0076	- Third Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0077	- Third Row Centre Seatbelt Pretensioner Deployment Control (Subfault)
B0078	- Third Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0080	- Driver Seatbelt Load Limiter Deployment Control (Subfault)
B0081	- First Row Centre Seatbelt Load Limiter Deployment Control (Subfault)
B0082	- Passenger Seatbelt Load Limiter Deployment Control (Subfault)
B0083	- Second Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0084	- Second Row Centre Seatbelt Load Limiter Deployment Control (Subfault)

B0085	- Second Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0086	- Third Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0087	- Third Row Centre Seatbelt Load Limiter Deployment Control (Subfault)
B0088	- Third Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0090	- Left Frontal Restraints Sensor (Subfault)
B0091	- Left Side Restraints Sensor 1 (Subfault)
B0092	- Left Side Restraints Sensor 2 (Subfault)
B0093	- Left Side Restraints Sensor 3 (Subfault)
B0094	- Centre Frontal Restraints Sensor (Subfault)
B0095	- Right Frontal Restraints Sensor (Subfault)
B0096	- Right Frontal Restraints Sensor 1 (Subfault)
B0097	- Right Frontal Restraints Sensor 2 (Subfault)
B0098	- Right Frontal Restraints Sensor 3 (Subfault)
B0099	- Roll Over Sensor (Subfault)
B00A0	- Occupant Classification System (Subfault)
B00A1	- Occupant Position System (Subfault)
B00B0	- Driver Seat Occupant Classification Sensor 'A' (Subfault)
B00B1	- Driver Seat Occupant Classification Sensor 'B' (Subfault)
B00B2	- Driver Seat Occupant Classification Sensor 'C' (Subfault)
B00B3	- Driver Seat Occupant Classification Sensor 'D' (Subfault)
B00B4	- Driver Seat Occupant Classification Sensor 'E' (Subfault)
B00B5	- Driver Seat Track Position Restraints Sensor (Subfault)
B00B6	- Driver Seat Recline Position Restraints Sensor (Subfault)
B00B7	- Driver Seat Occupant Position Sensor 'A' (Subfault)
B00B8	- Driver Seat Occupant Position Sensor 'B' (Subfault)
B00B9	- Driver Seat Occupant Position Sensor 'C' (Subfault)
B00BA	- Driver Seat Occupant Position Sensor 'D' (Subfault)
B00BB	- Driver Seat Occupant Position Sensor 'E' (Subfault)
B00C0	- Passenger Seat Occupant Classification Sensor 'A' (Subfault)
B00C1	- Passenger Seat Occupant Classification Sensor 'B' (Subfault)
B00C2	- Passenger Seat Occupant Classification Sensor 'C' (Subfault)
B00C3	- Passenger Seat Occupant Classification Sensor 'D' (Subfault)

B00C4	- Passenger Seat Occupant Classification Sensor 'E' (Subfault)
B00C5	- Passenger Seat Track Position Restraints Sensor (Subfault)
B00C6	- Passenger Seat Recline Position Restraints Sensor (Subfault)
B00C7	- Passenger Seat Occupant Position Sensor 'A' (Subfault)
B00C8	- Passenger Seat Occupant Position Sensor 'B' (Subfault)
B00C9	- Passenger Seat Occupant Position Sensor 'C' (Subfault)
B00CA	- Passenger Seat Occupant Position Sensor 'D' (Subfault)
B00CB	- Passenger Seat Occupant Position Sensor 'E' (Subfault)
B00D0	- Driver Seatbelt Indicator (Subfault)
B00D1	- Passenger Seatbelt Indicator (Subfault)
B00D2	- Restraint System Malfunction Indicator 1 (Subfault)
B00D3	- Restraint System Malfunction Indicator 2 (Subfault)
B00D4	- Restraint System Malfunction Audible Indicator (Subfault)
B00D5	- Restraint System Passenger Disable Indicator (Subfault)
B00DF	- Passenger Restraints Disable Switch (Subfault)
C0001	- TCS Control Channel 'A' Valve 1 (Subfault)
C0002	- TCS Control Channel 'A' Valve 2 (Subfault)
C0003	- TCS Control Channel 'B' Valve 1 (Subfault)
C0004	- TCS Control Channel 'B' Valve 2 (Subfault)
C0010	- Left Front Inlet Control (Subfault)
C0011	- Left Front Outlet Control (Subfault)
C0012	- Left Front Hydraulic Release Too Long (Subfault)
C0014	- Right Front Inlet Control (Subfault)
C0015	- Right Front Outlet Control (Subfault)
C0016	- Right Front Hydraulic Release Too Long (Subfault)
C0018	- Left Rear Inlet Control (Subfault)
C0019	- Left Rear Outlet Control (Subfault)
C001A	- Left Rear Hydraulic Release Too Long (Subfault)
C001C	- Right Rear Inlet Control (Subfault)
C001D	- Right Rear Outlet Control (Subfault)
C001E	- Right Rear Hydraulic Release Too Long (Subfault)
C0020	- ABS Pump Motor Control (Subfault)
C0021	- Brake Booster Performance (Subfault)
C0022	- Brake Booster Solenoid (Subfault)
C0023	- Stop Lamp control (Subfault)
C0030	- Left Front Tone Wheel (Subfault)
C0031	- Left Front Wheel Speed Sensor (Subfault)

- C0032 - Left Front Wheel Speed Sensor Supply (Subfault)
- C0033 - Right Front Tone Wheel (Subfault)
- C0034 - Right Front Wheel Speed Sensor (Subfault)
- C0035 - Right Front Wheel Speed Sensor Supply (Subfault)
- C0036 - Left Rear Tone Wheel (Subfault)
- C0037 - Left Rear Wheel Speed Sensor (Subfault)
- C0038 - Left Rear Wheel Speed Sensor Supply (Subfault)
- C0039 - Right Rear Tone Wheel (Subfault)
- C003A - Right Rear Wheel Speed Sensor (Subfault)
- C003B - Right Rear Wheel Speed Sensor Supply (Subfault)
- C003C - Rear Tone Wheel (Subfault)
- C003D - Rear Wheel Speed Sensor (Subfault)
- C003E - Rear Wheel Speed Sensor Supply (Subfault)
- C0040 - Brake Pedal Switch 'A' (Subfault)
- C0041 - Brake Pedal Switch 'B' (Subfault)
- C0042 - Brake Pedal Position Sensor 'Circuit A' (Subfault)
- C0043 - Brake Pedal Position Sensor 'Circuit B' (Subfault)
- C0044 - Brake Pressure Sensor 'A' (Subfault)
- C0045 - Brake Pressure Sensor 'B' (Subfault)
- C0046 - Brake Pressure Sensor 'A' / 'B' (Subfault)
- C0047 - Brake Booster Pressure Sensor (Subfault)
- C0048 - Brake Booster Travel Sensor (Subfault)
- C0049 - Brake Fluid (Subfault)
- C004A - Brake Lining Wear Sensor (Subfault)
- C0051 - Steering Wheel Position Sensor (Subfault)
- C0052 - Steering Wheel Position Sensor 'Signal A' (Subfault)
- C0053 - Steering Wheel Position Sensor 'Signal B' (Subfault)
- C0054 - Steering Wheel Position Sensor 'Signal C' (Subfault)
- C0055 - Steering Wheel Position Sensor 'Signal D' (Subfault)
- C0061 - Lateral Acceleration Sensor (Subfault)
- C0062 - Longitudinal Acceleration Sensor (Subfault)
- C0063 - Yaw Rate Sensor (Subfault)
- C0069 - Yaw Rate/ Longitude Sensors (Subfault)
- C006A - Multi-axis Acceleration Sensor (Subfault)
- C006B - Stability System Active Too Long Sensor (Subfault)
- C0071 - 2/ 4 Wheel Drive Status Input (Subfault)
- C0072 - Brake Temperature Too High (Subfault)
- C0073 - Delivered Driving Torque (Subfault)
- C0074 - Requested Driving Torque (Subfault)

C0075	- Extended Brake Pedal Travel, output to PCM (Subfault)	
C0076	- PWM for Traction Control (Subfault)	
C0077	- Low Tire Pressure (Subfault)	
C0078	- Tire Diameter (Subfault)	
C0079	- Variable Effort Steering (Subfault)	
C0081	- ABS Malfunction Indicator (Subfault)	
C0082	- Brake System Malfunction Indicator (Subfault)	
C0083	- Tire Pressure Monitor Malfunction Indicator (Subfault)	
C0084	- Traction Active Indicator (Subfault)	
C0085	- Traction Disable Indicator (Subfault)	
C0086	- Vehicle Dynamics Indicator (Subfault)	
C0089	- TCS Disable Switch (Subfault)	
C008A	- TCS Mode Control (Subfault)	
P0001	- Fuel Volume Regulator Control Circuit/ Open	Test
P0002	- Fuel Volume Regulator Control Circuit Range/ Performance	Test
P0003	- Fuel Volume Regulator Control Circuit Low	Test
P0004	- Fuel Volume Regulator Control Circuit High	Test
P0005	- Fuel Shutoff Valve 'A' Control Circuit/ Open	Test
P0006	- Fuel Shutoff Valve 'A' Control Circuit Low	Test
P0007	- Fuel Shutoff Valve 'A' Control Circuit High	Test
P0008	- Engine Position System Performance (Bank 1)	
P0009	- Engine Position System Performance (Bank 2)	
P0010	- A' Camshaft Position Actuator Circuit (Bank 1)	Test
P0011	- A' Camshaft Position Timing Over-Advanced or System Performance (Bank 1)	Test
P0012	- A' Camshaft Position Timing Over-Retarded (Bank 1)	Test
P0013	- B' Camshaft Position Actuator Circuit (Bank 1)	Test
P0014	- B' Camshaft Position Timing Over-Advanced or System Performance (Bank 1)	Test
P0015	- B' Camshaft Position Timing Over-Retarded (Bank 1)	Test
P0016	- Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A)	Test
P0017	- Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor B)	Test
P0018	- Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor A)	Test
P0019	- Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor B)	Test
P0020	- A' Camshaft Position Actuator Circuit (Bank 2)	Test
	A' Camshaft Position Timing Over-Advanced or System	

P0021	- Performance (Bank 2)	Test
P0022	- A' Camshaft Position Timing Over-Retarded (Bank 2)	Test
P0023	- B' Camshaft Position Actuator Circuit (Bank 2)	Test
P0024	- B' Camshaft Position Timing Over-Advanced or System Performance (Bank 2)	Test
P0025	- B' Camshaft Position Timing Over-Retarded (Bank 2)	Test
P0026	- Intake Valve Control Solenoid Circuit Range/ Performance (Bank 1)	Test
P0027	- Exhaust Valve Control Solenoid Circuit Range/ Performance (Bank 1)	Test
P0028	- Intake Valve Control Solenoid Circuit Range/ Performance (Bank 2)	Test
P0029	- Exhaust Valve Control Solenoid Circuit Range/ Performance (Bank 2)	Test
P0030	- HO2S Heater Control Circuit (Bank 1 Sensor 1)	Test
P0031	- HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	Test
P0032	- HO2S Heater Control Circuit High (Bank 1 Sensor 1)	Test
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)	Test
P0037	- HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	Test
P0038	- HO2S Heater Control Circuit High (Bank 1 Sensor 2)	Test
P0039	- Turbo/ Super Charger Bypass Valve Control Circuit Range/ Performance	
P0040	- Oxygen Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1	Test
P0041	- Oxygen Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2	Test
P0042	- HO2S Heater Control Circuit (Bank 1 Sensor 3)	Test
P0043	- HO2S Heater Control Circuit Low (Bank 1 Sensor 3)	Test
P0044	- HO2S Heater Control Circuit High (Bank 1 Sensor 3)	Test
P0045	- Turbo/ Super Charger Boost Control Solenoid 'A' Circuit/ Open	Test
P0046	- Turbo/ Super Charger Boost Control Solenoid 'A' Circuit Range/ Performance	Test
P0047	- Turbo/ Super Charger Boost Control Solenoid 'A' Circuit Low	Test
P0048	- Turbo/ Super Charger Boost Control Solenoid 'A' Circuit High	Test
P0049	- Turbo/ Super Charger Turbine Overspeed	
P004A	- Turbocharger/ Supercharger Boost Control Solenoid 'B' Circuit/ Open	Test

P004B	- Turbocharger/ Supercharger Boost Control Solenoid 'B' Circuit Range/ Performance	Test
P004C	- Turbocharger/ Supercharger Boost Control Solenoid 'B' Circuit Low	Test
P004D	- Turbocharger/ Supercharger Boost Control Solenoid 'B' Circuit High	Test
P004E	- Turbocharger/ Supercharger Boost Control Solenoid 'A' Circuit Intermittent/ Erratic	Test
P004F	- Turbocharger/ Supercharger Boost Control Solenoid 'B' Circuit Intermittent/ Erratic	Test
P0050	- HO2S Heater Control Circuit (Bank 2 Sensor 1)	Test
P0051	- HO2S Heater Control Circuit Low (Bank 2 Sensor 1)	Test
P0052	- HO2S Heater Control Circuit High (Bank 2 Sensor 1)	Test
P0053	- HO2S Heater Resistance (Bank 1, Sensor 1)	Test
P0054	- HO2S Heater Resistance (Bank 1, Sensor 2)	Test
P0055	- HO2S Heater Resistance (Bank 1, Sensor 3)	Test
P0056	- HO2S Heater Control Circuit (Bank 2 Sensor 2)	Test
P0057	- HO2S Heater Control Circuit Low (Bank 2 Sensor 2)	Test
P0058	- HO2S Heater Control Circuit High (Bank 2 Sensor 2)	Test
P0059	- HO2S Heater Resistance (Bank 2, Sensor 1)	Test
P0060	- HO2S Heater Resistance (Bank 2, Sensor 2)	Test
P0061	- HO2S Heater Resistance (Bank 2, Sensor 3)	Test
P0062	- HO2S Heater Control Circuit (Bank 2 Sensor 3)	Test
P0063	- HO2S Heater Control Circuit Low (Bank 2 Sensor 3)	Test
P0064	- HO2S Heater Control Circuit High (Bank 2 Sensor 3)	Test
P0065	- Air Assisted Injector Control Circuit 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	- MAP - Barometric Pressure Correlation	
P0070	- Ambient Air Temperature Sensor Circuit	Test
P0071	- Ambient Air Temperature Sensor Circuit Range/ Performance	Test
P0072	- Ambient Air Temperature Sensor Circuit Low Input	Test
P0073	- Ambient Air Temperature Sensor Circuit High Input	Test
P0074	- Ambient Air Temperature Sensor Circuit Intermittent	Test
P0075	- Intake Valve Control Solenoid Circuit (Bank 1)	Test
P0076	- Intake Valve Control Solenoid Circuit Low (Bank 1)	Test
P0077	- Intake Valve Control Solenoid Circuit High (Bank 1)	Test
P0078	- Exhaust Valve Control Solenoid Circuit (Bank 1)	Test

P0079	- Exhaust Valve Control Solenoid Circuit Low (Bank 1)	Test
P0080	- Exhaust Valve Control Solenoid Circuit High (Bank 1)	Test
P0081	- Intake Valve Control Solenoid Circuit (Bank 2)	Test
P0082	- Intake Valve Control Solenoid Circuit Low (Bank 2)	Test
P0083	- Intake Valve Control Solenoid Circuit High (Bank 2)	Test
P0084	- Exhaust Valve Control Solenoid Circuit (Bank 2)	Test
P0085	- Exhaust Valve Control Solenoid Circuit Low (Bank 2)	Test
P0086	- Exhaust Valve Control Solenoid Circuit High (Bank 2)	Test
P0087	- Fuel Rail/ System Pressure - Too Low	Test
P0088	- Fuel Rail/ System Pressure - Too High	Test
P0089	- Fuel Pressure Regulator Performance	
P0090	- Fuel Pressure Regulator Control Circuit	
P0091	- Fuel Pressure Regulator Control Circuit Low	
P0092	- Fuel Pressure Regulator Control Circuit High	
P0093	- Fuel System Leak Detected - Large Leak	Test
P0094	- Fuel System Leak Detected - Small Leak	Test
P0095	- Intake Air Temperature Sensor 2 Circuit	Test
P0096	- Intake Air Temperature Sensor 2 Circuit Range/ Performance	Test
P0097	- Intake Air Temperature Sensor 2 Circuit Low Input	Test
P0098	- Intake Air Temperature Sensor 2 Circuit High Input	Test
P0099	- Intake Air Temperature Sensor 2 Circuit Intermittent/ Erratic	Test
P0100	- Mass or Volume Air Flow Circuit Malfunction	Test
P0101	- Mass or Volume Air Flow Circuit Range/ Performance Problem	Test
P0102	- Mass or Volume Air Flow Circuit Low Input	Test
P0103	- Mass or Volume Air Flow Circuit High Input	Test
P0104	- Mass or Volume Air Flow Circuit Intermittent	Test
P0105	- Manifold Absolute Pressure/ Barometric Pressure Circuit Malfunction	Test
P0106	- Manifold Absolute Pressure/ Barometric Pressure Circuit Range/ Performance Problem	Test
P0107	- Manifold Absolute Pressure/ Barometric Pressure Circuit Low Input	Test
P0108	- Manifold Absolute Pressure/ Barometric Pressure Circuit High Input	Test
P0109	- Manifold Absolute Pressure/ Barometric Pressure Circuit Intermittent	Test
P010A	- Mass or Volume Air Flow 'B' Circuit	Test
P010B	- Mass or Volume Air Flow 'B' Circuit Range/ Performance	Test

P010C	- Mass or Volume Air Flow 'B' Circuit Low Input	Test
P010D	- Mass or Volume Air Flow 'B' Circuit High Input	Test
P010E	- Mass or Volume Air Flow 'B' Circuit Intermittent/ Erratic	Test
P010F	- Mass or Volume Air Flow Sensor 'A/ B' Correlation	Test
P0110	- Intake Air Temperature Circuit Malfunction	Test
P0111	- Intake Air Temperature Circuit Range/ Performance Problem	Test
P0112	- Intake Air Temperature Circuit Low Input	Test
P0113	- Intake Air Temperature Circuit High Input	Test
P0114	- Intake Air Temperature Circuit Intermittent	Test
P0115	- Engine Coolant Temperature Circuit Malfunction	Test
P0116	- Engine Coolant Temperature Circuit Range/ Performance Problem	Test
P0117	- Engine Coolant Temperature Circuit Low Input	Test
P0118	- Engine Coolant Temperature Circuit High Input	Test
P0119	- Engine Coolant Temperature Circuit Intermittent	Test
P011A	- Engine Coolant Temperature Sensor 1/ 2 Correlation	Test
P0120	- Throttle/ Pedal Position Sensor/ Switch A Circuit Malfunction	Test
P0121	- Throttle/ Pedal Position Sensor/ Switch A Circuit Range/ Performance Problem	Test
P0122	- Throttle/ Pedal Position Sensor/ Switch A Circuit Low Input	Test
P0123	- Throttle/ Pedal Position Sensor/ Switch A Circuit High Input	Test
P0124	- Throttle/ Pedal Position Sensor/ Switch A Circuit Intermittent	Test
P0125	- Insufficient Coolant Temperature for Closed Loop Fuel Control	Test
P0126	- Insufficient Coolant Temperature for Stable Operation	Test
P0127	- Intake Air Temperature Too High	Test
P0128	- Coolant Thermostat (Temperature Below Thermostat Regulating Temperature)	
P0129	- Barometric Pressure Too Low	Test
P0130	- O2 Sensor Circuit malfunction (Bank 1 Sensor 1)	Test
P0131	- O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	Test
P0132	- O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	Test
P0133	- O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)	Test
P0134	- O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	Test
P0135	- O2 Sensor Heater Circuit malfunction (Bank 1 Sensor 1)	Test
P0136	- O2 Sensor Circuit malfunction (Bank 1 Sensor 2)	Test
P0137	- O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	Test
P0138	- O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	Test
P0139	- O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)	Test

P0140	- O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)	Test
P0141	- O2 Sensor Heater Circuit malfunction (Bank 1 Sensor 2)	Test
P0142	- O2 Sensor Circuit malfunction (Bank 1 Sensor 3)	Test
P0143	- O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)	Test
P0144	- O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)	Test
P0145	- O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)	Test
P0146	- O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)	Test
P0147	- O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)	Test
P0149	- Fuel Timing Error	
P0150	- O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)	Test
P0151	- O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)	Test
P0152	- O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)	Test
P0153	- O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)	Test
P0154	- O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)	Test
P0155	- O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)	Test
P0156	- O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)	Test
P0157	- O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)	Test
P0158	- O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)	Test
P0159	- O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)	Test
P0160	- O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)	Test
P0161	- O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)	Test
P0162	- O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)	Test
P0163	- O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)	Test
P0164	- O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)	Test
P0165	- O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)	Test
P0166	- O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)	Test
P0167	- O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)	Test
P0168	- Fuel Temperature Too High	Test
P0169	- Incorrect Fuel Composition	
P0170	- Fuel Trim Malfunction (Bank 1)	Test
P0171	- System too lean (Bank 1)	Test
P0172	- System too rich (Bank 1)	Test
P0173	- Fuel Trim Malfunction (Bank 2)	Test
P0174	- System Too Lean (Bank 2)	Test
P0175	- System Too Rich (Bank 2)	Test
P0176	- Fuel Composition Sensor Circuit Malfunction	Test
P0177	- Fuel Composition Sensor Circuit Range/ Performance	Test
P0178	- Fuel Composition Sensor Circuit Low Input	Test
P0179	- Fuel Composition Sensor Circuit High Input	Test

P0180	- Fuel Temperature Sensor A Circuit Malfunction	Test
P0181	- Fuel Temperature Sensor A Circuit Range/ Performance	Test
P0182	- Fuel Temperature Sensor A Circuit Low Input	Test
P0183	- Fuel Temperature Sensor A Circuit High Input	Test
P0184	- Fuel Temperature Sensor A Circuit Intermittent	Test
P0185	- Fuel Temperature Sensor B Circuit Malfunction	Test
P0186	- Fuel Temperature Sensor B Circuit Range/ Performance	Test
P0187	- Fuel Temperature Sensor B Circuit Low Input	Test
P0188	- Fuel Temperature Sensor B Circuit High Input	Test
P0189	- Fuel Temperature Sensor B Circuit Intermittent	Test
P018A	- Fuel Pressure Sensor 'B' Circuit	Test
P018B	- Fuel Pressure Sensor 'B' Circuit Range/ Performance	Test
P018C	- Fuel Pressure Sensor 'B' Circuit Low	Test
P018D	- Fuel Pressure Sensor 'B' Circuit High	Test
P018E	- Fuel Pressure Sensor 'B' Circuit Intermittent/ Erratic	Test
P0190	- Fuel Rail Pressure Sensor Circuit Malfunction	Test
P0191	- Fuel Rail Pressure Sensor Circuit Range/ Performance	Test
P0192	- Fuel Rail Pressure Sensor Circuit Low Input	Test
P0193	- Fuel Rail Pressure Sensor Circuit High Input	Test
P0194	- Fuel Rail Pressure Sensor Circuit Intermittent	Test
P0195	- Engine Oil Temperature Sensor Malfunction	Test
P0196	- Engine Oil Temperature Sensor Range/ Performance	Test
P0197	- Engine Oil Temperature Sensor Low Input	Test
P0198	- Engine Oil Temperature Sensor High Input	Test
P0199	- Engine Oil Temperature Sensor Intermittent	Test
P0200	- Injector Circuit Malfunction	Test
P0201	- Cylinder 1 Injector Circuit Malfunction	Test
P0202	- Cylinder 2 Injector Circuit Malfunction	Test
P0203	- Cylinder 3 Injector Circuit Malfunction	Test
P0204	- Cylinder 4 Injector Circuit Malfunction	Test
P0205	- Cylinder 5 Injector Circuit Malfunction	Test
P0206	- Cylinder 6 Injector Circuit Malfunction	Test
P0207	- Cylinder 7 Injector Circuit Malfunction	Test
P0208	- Cylinder 8 Injector Circuit Malfunction	Test
P0209	- Cylinder 9 Injector Circuit Malfunction	Test
P020A	- Cylinder 1 Injection Timing	Test
P020B	- Cylinder 2 Injection Timing	Test
P020C	- Cylinder 3 Injection Timing	Test
P020D	- Cylinder 4 Injection Timing	Test

P020E	- Cylinder 5 Injection Timing	Test
P020F	- Cylinder 6 Injection Timing	Test
P0210	- Cylinder 10 Injector Circuit Malfunction	Test
P0211	- Cylinder 11 Injector Circuit Malfunction	Test
P0212	- Cylinder 12 Injector Circuit Malfunction	Test
P0213	- Cold Start Injector 1 Malfunction	Test
P0214	- Cold Start Injector 2 Malfunction	Test
P0215	- Engine Shut-off Solenoid Malfunction	Test
P0216	- Injection Timing Control Circuit Malfunction	Test
P0217	- Engine Over Temperature Condition	Test
P0218	- Transmission Over Temperature Condition	Test
P0219	- Engine Overspeed Condition	Test
P021A	- Reference Voltage or Power	Test
P021B	- Cylinder 8 Injection Timing	Test
P021C	- Cylinder 9 Injection Timing	Test
P021D	- Cylinder 10 Injection Timing	Test
P021E	- Cylinder 11 Injection Timing	Test
P021F	- Cylinder 12 Injection Timing	Test
P0220	- Throttle/ Pedal Position Sensor/ Switch 'B' Circuit Malfunction	Test
P0221	- Throttle/ Pedal Position Sensor/ Switch 'B' Circuit Range/ Performance Problem	Test
P0222	- Throttle/ Pedal Position Sensor/ Switch 'B' Circuit Low Input	Test
P0223	- Throttle/ Pedal Position Sensor/ Switch 'B' Circuit High Input	Test
P0224	- Throttle/ Pedal Position Sensor/ Switch 'B' Circuit Intermittent	Test
P0225	- Throttle/ Pedal Position Sensor/ Switch 'C' Circuit Malfunction	Test
P0226	- Throttle/ Pedal Position Sensor/ Switch 'C' Circuit Range/ Performance Problem	Test
P0227	- Throttle/ Pedal Position Sensor/ Switch 'C' Circuit Low Input	Test
P0228	- Throttle/ Pedal Position Sensor/ Switch 'C' Circuit High Input	Test
P0229	- Throttle/ Pedal Position Sensor/ Switch 'C' Circuit Intermittent	Test
P022A	- Intercooler Bypass Control 'A' Circuit Open	
P022B	- Intercooler Bypass Control 'A' Circuit Low	
P022C	- Intercooler Bypass Control 'A' Circuit High	
P022D	- Intercooler Bypass Control 'B' Circuit Open	
P022E	- Intercooler Bypass Control 'B' Circuit Low	
P022F	- Intercooler Bypass Control 'B' Circuit High	
P0230	- Fuel Pump Primary Circuit Malfunction	Test

P0231	- Fuel Pump Secondary Circuit Low	Test
P0232	- Fuel Pump Secondary Circuit High	Test
P0233	- Fuel Pump Secondary Circuit Intermittent	Test
P0234	- Engine Overboost Condition	Test
P0235	- Turbo Charger Boost Sensor 'A' Circuit Malfunction	Test
P0236	- Turbo Charger Boost Sensor 'A' Circuit Range/ Performance	Test
P0237	- Turbo Charger Boost Sensor 'A' Circuit Low	Test
P0238	- Turbo Charger Boost Sensor 'A' Circuit High	Test
P0239	- Turbo Charger Boost Sensor 'B' Circuit Malfunction	Test
P023A	- Turbocharger/ Supercharger Intercooler Coolant Pump Control Circuit/ Open	
P023B	- Turbocharger/ Supercharger Intercooler Coolant Pump Control Circuit Low	
P023C	- Turbocharger/ Supercharger Intercooler Coolant Pump Control Circuit High	
P0240	- Turbo Charger Boost Sensor 'B' Circuit Range/ Performance	Test
P0241	- Turbo Charger Boost Sensor 'B' Circuit Low	Test
P0242	- Turbo Charger Boost Sensor 'B' Circuit High	Test
P0243	- Turbo Charger Wastegate Solenoid 'A' Malfunction	Test
P0244	- Turbo Charger Wastegate Solenoid 'A' Range/ Performance	Test
P0245	- Turbo Charger Wastegate Solenoid 'A' Low	Test
P0246	- Turbo Charger Wastegate Solenoid 'A' High	Test
P0247	- Turbo Charger Wastegate Solenoid 'B' Malfunction	Test
P0248	- Turbo Charger Wastegate Solenoid 'B' Range/ Performance	Test
P0249	- Turbo Charger Wastegate Solenoid 'B' Low	Test
P0250	- Turbo Charger Wastegate Solenoid 'B' High	Test
P0251	- Injection Pump Fuel Metering Control 'A' Malfunction (Cam/ Rotor/ Injector)	Test
P0252	- Injection Pump Fuel Metering Control 'A' Range/ Performance (Cam/ Rotor/ Injector)	Test
P0253	- Injection Pump Fuel Metering Control 'A' Low (Cam/ Rotor/ Injector)	Test
P0254	- Injection Pump Fuel Metering Control 'A' High (Cam/ Rotor/ Injector)	Test
P0255	- Injection Pump Fuel Metering Control 'A' Intermittent (Cam/ Rotor/ Injector)	Test
P0256	- Injection Pump Fuel Metering Control 'B' Malfunction (Cam/ Rotor/ Injector)	Test
P0257	- Injection Pump Fuel Metering Control 'B' Range/ Performance (Cam/ Rotor/ Injector)	Test

P0258	- Injection Pump Fuel Metering Control 'B' Low (Cam/ Rotor/ Injector)	Test
P0259	- Injection Pump Fuel Metering Control 'B' High (Cam/ Rotor/ Injector)	Test
P0260	- Injection Pump Fuel Metering Control 'B' Intermittent (Cam/ Rotor/ Injector)	Test
P0261	- Cylinder 1 Injector Circuit Low	Test
P0262	- Cylinder 1 Injector Circuit High	Test
P0263	- Cylinder 1 Contribution/ Balance fault	Test
P0264	- Cylinder 2 Injector Circuit Low	Test
P0265	- Cylinder 2 Injector Circuit High	Test
P0266	- Cylinder 2 Contribution/ Balance fault	Test
P0267	- Cylinder 3 Injector Circuit Low	Test
P0268	- Cylinder 3 Injector Circuit High	Test
P0269	- Cylinder 3 Contribution/ Balance fault	Test
P0270	- Cylinder 4 Injector Circuit Low	Test
P0271	- Cylinder 4 Injector Circuit High	Test
P0272	- Cylinder 4 Contribution/ Balance fault	Test
P0273	- Cylinder 5 Injector Circuit Low	Test
P0274	- Cylinder 5 Injector Circuit High	Test
P0275	- Cylinder 5 Contribution/ Balance fault	Test
P0276	- Cylinder 6 Injector Circuit Low	Test
P0277	- Cylinder 6 Injector Circuit High	Test
P0278	- Cylinder 6 Contribution/ Balance fault	Test
P0279	- Cylinder 7 Injector Circuit Low	Test
P0280	- Cylinder 7 Injector Circuit High	Test
P0281	- Cylinder 7 Contribution/ Balance fault	Test
P0282	- Cylinder 8 Injector Circuit Low	Test
P0283	- Cylinder 8 Injector Circuit High	Test
P0284	- Cylinder 8 Contribution/ Balance fault	Test
P0285	- Cylinder 9 Injector Circuit Low	Test
P0286	- Cylinder 9 Injector Circuit High	Test
P0287	- Cylinder 9 Contribution/ Balance fault	Test
P0288	- Cylinder 10 Injector Circuit Low	Test
P0289	- Cylinder 10 Injector Circuit High	Test
P0290	- Cylinder 10 Contribution/ Balance fault	Test
P0291	- Cylinder 11 Injector Circuit Low	Test
P0292	- Cylinder 11 Injector Circuit High	Test
P0293	- Cylinder 11 Contribution/ Balance fault	Test

P0294	- Cylinder 12 Injector Circuit Low	Test
P0295	- Cylinder 12 Injector Circuit High	Test
P0296	- Cylinder 12 Contribution/ Balance fault	Test
P0297	- Vehicle Overspeed Condition	Test
P0298	- Engine Oil Over Temperature	Test
P0299	- Turbo/ Super Charger Underboost	
P0300	- Random/ Multiple Cylinder Misfire Detected	Test
P0301	- Cylinder 1 Misfire Detected	Test
P0302	- Cylinder 2 Misfire Detected	Test
P0303	- Cylinder 3 Misfire Detected	Test
P0304	- Cylinder 4 Misfire Detected	Test
P0305	- Cylinder 5 Misfire Detected	Test
P0306	- Cylinder 6 Misfire Detected	Test
P0307	- Cylinder 7 Misfire Detected	Test
P0308	- Cylinder 8 Misfire Detected	Test
P0309	- Cylinder 9 Misfire Detected	Test
P0310	- Cylinder 10 Misfire Detected	Test
P0311	- Cylinder 11 Misfire Detected	Test
P0312	- Cylinder 12 Misfire Detected	Test
P0313	- Misfire Detected With Low Fuel	Test
P0314	- Single Cylinder Misfire (Cylinder not Specified)	Test
P0315	- Crankshaft Position System Variation Not Learned	Test
P0316	- Misfire Detected On Startup (First 1000 Revolutions)	Test
P0317	- Rough Road Hardware Not Present	
P0318	- Rough Road Sensor 'A' Signal Circuit	
P0319	- Rough Road Sensor 'B' Signal Circuit	
P0320	- Ignition/ Distributor Engine Speed Input Circuit Malfunction	Test
P0321	- Ignition/ Distributor Engine Speed Input Circuit Range/ Performance	Test
P0322	- Ignition/ Distributor Engine Speed Input Circuit No Signal	Test
P0323	- Ignition/ Distributor Engine Speed Input Circuit Intermittent	Test
P0324	- Knock Control System Error	Test
P0325	- Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)	Test
P0326	- Knock Sensor 1 Circuit Range/ Performance (Bank 1 or Single Sensor)	Test
P0327	- Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)	Test
P0328	- Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)	Test
P0329	- Knock Sensor 1 Circuit Input Intermittent (Bank 1 or Single	Test

	Sensor)	
P0330	- Knock Sensor 2 Circuit Malfunction (Bank 2)	Test
P0331	- Knock Sensor 2 Circuit Range/ Performance (Bank 2)	Test
P0332	- Knock Sensor 2 Circuit Low Input (Bank 2)	Test
P0333	- Knock Sensor 2 Circuit High Input (Bank 2)	Test
P0334	- Knock Sensor 2 Circuit Input Intermittent (Bank 2)	Test
P0335	- Crankshaft Position Sensor 'A' Circuit Malfunction	Test
P0336	- Crankshaft Position Sensor 'A' Circuit Range/ Performance	Test
P0337	- Crankshaft Position Sensor 'A' Circuit Low Input	Test
P0338	- Crankshaft Position Sensor 'A' Circuit High Input	Test
P0339	- Crankshaft Position Sensor 'A' Circuit Input Intermittent	Test
P0340	- Camshaft Position Sensor 'A' Circuit Malfunction	Test
P0341	- Camshaft Position Sensor 'A' Circuit Range/ Performance	Test
P0342	- Camshaft Position Sensor 'A' Circuit Low Input	Test
P0343	- Camshaft Position Sensor 'A' Circuit High Input	Test
P0344	- Camshaft Position Sensor 'A' Circuit Input Intermittent	Test
P0345	- Camshaft Position Sensor 'A' Circuit (Bank 2)	Test
P0346	- Camshaft Position Sensor 'A' Circuit Range/ Performance (Bank 2)	Test
P0347	- Camshaft Position Sensor 'A' Circuit Low Input (Bank 2)	Test
P0348	- Camshaft Position Sensor 'A' Circuit High Input (Bank 2)	Test
P0349	- Camshaft Position Sensor 'A' Circuit Input Intermittent (Bank 2)	Test
P0350	- Ignition Coil Primary/ Secondary Circuit Malfunction	Test
P0351	- Ignition Coil 'A' Primary/ Secondary Circuit Malfunction	Test
P0352	- Ignition Coil 'B' Primary/ Secondary Circuit Malfunction	Test
P0353	- Ignition Coil 'C' Primary/ Secondary Circuit Malfunction	Test
P0354	- Ignition Coil 'D' Primary/ Secondary Circuit Malfunction	Test
P0355	- Ignition Coil 'E' Primary/ Secondary Circuit Malfunction	Test
P0356	- Ignition Coil 'F' Primary/ Secondary Circuit Malfunction	Test
P0357	- Ignition Coil 'G' Primary/ Secondary Circuit Malfunction	Test
P0358	- Ignition Coil 'H' Primary/ Secondary Circuit Malfunction	Test
P0359	- Ignition Coil 'I' Primary/ Secondary Circuit Malfunction	Test
P0360	- Ignition Coil 'J' Primary/ Secondary Circuit Malfunction	Test
P0361	- Ignition Coil 'K' Primary/ Secondary Circuit Malfunction	Test
P0362	- Ignition Coil 'L' Primary/ Secondary Circuit Malfunction	Test
P0363	- Misfire Detected - Fuelling Disabled	Test
P0364	- Reserved	
P0365	- Camshaft Position Sensor 'B' Circuit (Bank 1)	Test

P0366	- Camshaft Position Sensor 'B' Circuit Range/ Performance (Bank 1)	Test
P0367	- Camshaft Position Sensor 'B' Circuit Low Input (Bank 1)	Test
P0368	- Camshaft Position Sensor 'B' Circuit High Input (Bank 1)	Test
P0369	- Camshaft Position Sensor 'B' Circuit Intermittent (Bank 1)	Test
P0370	- Timing Reference High Resolution Signal 'A' Malfunction	Test
P0371	- Timing Reference High Resolution Signal 'A' Too Many Pulses	Test
P0372	- Timing Reference High Resolution Signal 'A' Too Few Pulses	Test
P0373	- Timing Reference High Resolution Signal 'A' Intermittent/ Erratic Pulses	Test
P0374	- Timing Reference High Resolution Signal 'A' No Pulses	Test
P0375	- Timing Reference High Resolution Signal 'B' Malfunction	Test
P0376	- Timing Reference High Resolution Signal 'B' Too Many Pulses	Test
P0377	- Timing Reference High Resolution Signal 'B' Too Few Pulses	Test
P0378	- Timing Reference High Resolution Signal 'B' Intermittent/ Erratic Pulses	Test
P0379	- Timing Reference High Resolution Signal 'B' No Pulses	Test
P0380	- Glow Plug/ Heater Circuit 'A' Malfunction	Test
P0381	- Glow Plug/ Heater Indicator Circuit Malfunction	Test
P0382	- Glow Plug/ Heater Circuit 'B' Malfunction	Test
P0383	- Glow Plug Control Module Control Circuit Low	Test
P0384	- Glow Plug Control Module Control Circuit High	Test
P0385	- Crankshaft Position Sensor 'B' Circuit Malfunction	Test
P0386	- Crankshaft Position Sensor 'B' Circuit Range/ Performance	Test
P0387	- Crankshaft Position Sensor 'B' Circuit Low Input	Test
P0388	- Crankshaft Position Sensor 'B' Circuit High Input	Test
P0389	- Crankshaft Position Sensor 'B' Circuit Intermittent	Test
P0390	- Camshaft Position Sensor 'B' Circuit (Bank 2)	Test
P0391	- Camshaft Position Sensor 'B' Circuit Range/ Performance (Bank 2)	Test
P0392	- Camshaft Position Sensor 'B' Circuit Low Input (Bank 2)	Test
P0393	- Camshaft Position Sensor 'B' Circuit High Input (Bank 2)	Test
P0394	- Camshaft Position Sensor 'B' Circuit Intermittent (Bank 2)	Test
P0400	- Exhaust Gas Recirculation Flow Malfunction	Test
P0401	- Exhaust Gas Recirculation Flow Insufficient Detected	Test
P0402	- Exhaust Gas Recirculation Flow Excessive Detected	Test
P0403	- Exhaust Gas Recirculation Control Circuit Malfunction	Test
	Exhaust Gas Recirculation Control Circuit Range/	

P0404	- Performance	Test
P0405	- Exhaust Gas Recirculation Sensor 'A' circuit low	Test
P0406	- Exhaust Gas Recirculation Sensor 'A' circuit high	Test
P0407	- Exhaust Gas Recirculation Sensor 'B' Circuit Low	Test
P0408	- Exhaust Gas Recirculation Sensor 'B' Circuit High	Test
P0409	- Exhaust Gas Recirculation Sensor 'A' Circuit	Test
P0410	- Secondary Air Injection System Malfunction	Test
P0411	- Secondary Air Injection System Incorrect Flow Detected	Test
P0412	- Secondary Air Injection System Switching Valve 'A' Circuit Malfunction	Test
P0413	- Secondary Air Injection System Switching Valve 'A' Circuit Open	Test
P0414	- Secondary Air Injection System Switching Valve 'A' Circuit Shorted	Test
P0415	- Secondary Air Injection System Switching Valve 'B' Circuit Malfunction	Test
P0416	- Secondary Air Injection System Switching Valve 'B' Circuit Open	Test
P0417	- Secondary Air Injection System Switching Valve 'B' Circuit Shorted	Test
P0418	- Secondary Air Injection System Relay 'A' Circuit Malfunction	Test
P0419	- Secondary Air Injection System Relay 'B' Circuit Malfunction	Test
P0420	- Catalyst System Efficiency Below Threshold (Bank 1)	Test
P0421	- Warm Up Catalyst Efficiency Below Threshold (Bank 1)	Test
P0422	- Main Catalyst Efficiency Below Threshold (Bank 1)	Test
P0423	- Heated Catalyst Efficiency Below Threshold (Bank 1)	Test
P0424	- Heated Catalyst Temperature Below Threshold (Bank 1)	Test
P0425	- Catalyst Temperature Sensor (Bank 1 Sensor 1)	Test
P0426	- Catalyst Temperature Sensor Range/ Performance (Bank 1 Sensor 1)	Test
P0427	- Catalyst Temperature Sensor Low Input (Bank 1 Sensor 1)	Test
P0428	- Catalyst Temperature Sensor High Input (Bank 1 Sensor 1)	Test
P0429	- Catalyst Heater Control Circuit (Bank 1)	
P042A	- Catalyst Temperature Sensor Circuit Bank 1 Sensor Circuit 2	Test
P042B	- Catalyst Temperature Sensor Circuit Range/ Performance Bank1 Sensor Circuit 2	Test
P042C	- Catalyst Temperature Sensor Circuit Low Input Bank 1 Sensor Circuit 2	Test
P042D	- Catalyst Temperature Sensor Circuit High Input Bank 1 Sensor Circuit 2	Test

P0430	- Catalyst System Efficiency Below Threshold (Bank 2)	Test
P0431	- Warm Up Catalyst Efficiency Below Threshold (Bank 2)	Test
P0432	- Main Catalyst Efficiency Below Threshold (Bank 2)	Test
P0433	- Heated Catalyst Efficiency Below Threshold (Bank 2)	Test
P0434	- Heated Catalyst Temperature Below Threshold (Bank 2)	Test
P0435	- Catalyst Temperature Sensor (Bank 2 Sensor 1)	Test
P0436	- Catalyst Temperature Sensor Range/ Performance (Bank 2 Sensor 1)	Test
P0437	- Catalyst Temperature Sensor Low Input (Bank 2 Sensor 1)	Test
P0438	- Catalyst Temperature Sensor High Input (Bank 2 Sensor 1)	Test
P0439	- Catalyst Heater Control Circuit (Bank 2)	
P043A	- Catalyst Temperature Sensor Circuit (Bank 2 Sensor Circuit 2)	Test
P043B	- Catalyst Temperature Sensor Circuit Range/ Performance (Bank 2 Sensor Circuit 2)	Test
P043C	- Catalyst Temperature Sensor Circuit Low Input (Bank 2 Sensor Circuit 2)	Test
P043D	- Catalyst Temperature Sensor Circuit High Input (Bank 2 Sensor Circuit 2)	Test
P043E	- EVAP System Leak Detection Reference Orifice Low Flow	Test
P043F	- EVAP System Leak Detection Reference Orifice High Flow	Test
P0440	- Evaporative Emission Control System Malfunction	Test
P0441	- Evaporative Emission Control System Incorrect Purge Flow	Test
P0442	- Evaporative Emission Control System Leak Detected	Test
P0443	- Evaporative Emission Control System Purge Control Valve Circuit Malfunction	Test
P0444	- Evaporative Emission Control System Purge Control Valve Circuit Open	Test
P0445	- Evaporative Emission Control System Purge Control Valve Circuit Shorted	Test
P0446	- Evaporative Emission Control System Vent Control Circuit Malfunction	Test
P0447	- Evaporative Emission Control System Vent Control Circuit Open	Test
P0448	- Evaporative Emission Control System Vent Control Circuit Shorted	Test
P0449	- Evaporative Emission Control System Vent Valve/ Solenoid Circuit Malfunction	Test
P0450	- Evaporative Emission Control System Pressure Sensor Malfunction	Test
	Evaporative Emission Control System Pressure Sensor	

P0451	- Range/ Performance	Test
P0452	- Evaporative Emission Control System Pressure Sensor Low Input	Test
P0453	- Evaporative Emission Control System Pressure Sensor High Input	Test
P0454	- Evaporative Emission Control System Pressure Sensor Intermittent	Test
P0455	- Evaporative Emission Control System Gross Leak Detected	Test
P0456	- Evaporative Emission Control System Leak Detected (Very Small Leak)	Test
P0457	- Evaporative Emission Control System Leak Detected (Fuel Cap Loose/ Off)	Test
P0458	- Evaporative Emission System Purge Control Valve Circuit Low	Test
P0459	- Evaporative Emission System Purge Control Valve Circuit High	Test
P0460	- Fuel Level Sensor Circuit Malfunction	Test
P0461	- Fuel Level Sensor Circuit Range/ Performance	Test
P0462	- Fuel Level Sensor Circuit Low Input	Test
P0463	- Fuel Level Sensor Circuit High Input	Test
P0464	- Fuel Level Sensor Circuit Intermittent	Test
P0465	- Purge Flow Sensor Circuit Malfunction	Test
P0466	- Purge Flow Sensor Circuit Range/ Performance	Test
P0467	- Purge Flow Sensor Circuit Low Input	Test
P0468	- Purge Flow Sensor Circuit High Input	Test
P0469	- Purge Flow Sensor Circuit Intermittent	Test
P0470	- Exhaust Pressure Sensor Malfunction	Test
P0471	- Exhaust Pressure Sensor Range/ Performance	Test
P0472	- Exhaust Pressure Sensor Low	Test
P0473	- Exhaust Pressure Sensor High	Test
P0474	- Exhaust Pressure Sensor Intermittent	Test
P0475	- Exhaust Pressure Control Valve Malfunction	Test
P0476	- Exhaust Pressure Control Valve Range/ Performance	Test
P0477	- Exhaust Pressure Control Valve Low	Test
P0478	- Exhaust Pressure Control Valve High	Test
P0479	- Exhaust Pressure Control Valve Intermittent	Test
P0480	- Cooling Fan 1 Control Circuit Malfunction	Test
P0481	- Cooling Fan 2 Control Circuit Malfunction	Test
P0482	- Cooling Fan 3 Control Circuit Malfunction	Test
P0483	- Cooling Fan Rationality Check Malfunction	Test

P0484	- Cooling Fan Circuit Over Current	Test
P0485	- Cooling Fan Power/ Ground Circuit Malfunction	Test
P0486	- Exhaust Gas Recirculation Sensor 'B' Circuit	Test
P0487	- Exhaust Gas Recirculation Throttle Position Control Circuit	Test
P0488	- Exhaust Gas Recirculation Throttle Position Control Circuit Range/ Performance	Test
P0489	- Exhaust Gas Recirculation Control Circuit Low	Test
P0490	- Exhaust Gas Recirculation Control Circuit High	Test
P0491	- Secondary Air Injection System Switching Valve 'A' Circuit (Bank 1)	Test
P0492	- Secondary Air Injection System Switching Valve 'A' Circuit (Bank 2)	Test
P0493	- Fan Overspeed (clutch locked)	Test
P0494	- Fan Speed Low	Test
P0495	- Fan Speed High	Test
P0496	- Evaporative Emission System High Purge Flow	Test
P0497	- Evaporative Emission System Low Purge Flow	Test
P0498	- Evaporative Emission System Vent Control Circuit Low	Test
P0499	- Evaporative Emission System Vent Control Circuit High	Test
P0500	- Vehicle Speed Sensor Malfunction	Test
P0501	- Vehicle Speed Sensor Range/ Performance	Test
P0502	- Vehicle Speed Sensor Low Input	Test
P0503	- Vehicle Speed Sensor Intermittent/ Erratic/ High	Test
P0504	- Brake Switch 'A' 'B' Correlation	Test
P0505	- Idle Control System Malfunction	Test
P0506	- Idle Control System RPM Lower Than Expected	Test
P0507	- Idle Control System RPM Higher Than Expected	Test
P0508	- Idle Control System Circuit Low	Test
P0509	- Idle Control System Circuit High	Test
P0510	- Closed Throttle Position Switch Malfunction	Test
P0511	- Idle Air Control Circuit	Test
P0512	- Starter Request Circuit	
P0513	- Incorrect Immobiliser Key	Test
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	Test
P0519	- Idle Air Control Circuit System Performance	Test

P0520	- Engine Oil Pressure Sensor/ Switch Circuit Malfunction	
P0521	- Engine Oil Pressure Sensor/ Switch Range/ Performance	
P0522	- Engine Oil Pressure Sensor/ Switch Low Voltage	
P0523	- Engine Oil Pressure Sensor/ Switch High Voltage	
P0524	- Engine Oil Pressure Too Low	
P0525	- Cruise Control Servo Control Circuit Range/ Performance	
P0526	- Fan Speed Sensor Circuit	Test
P0527	- Fan Speed Sensor Circuit Range/ Performance	Test
P0528	- Fan Speed Sensor Circuit No Signal	Test
P0529	- Fan Speed Sensor Circuit Intermittent	Test
P0530	- A/C Refrigerant Pressure Sensor Circuit Malfunction	Test
P0531	- A/C Refrigerant Pressure Sensor Circuit Range/ Performance	Test
P0532	- A/C Refrigerant Pressure Sensor Circuit Low Input	Test
P0533	- A/C Refrigerant Pressure Sensor Circuit High Input	Test
P0534	- Air Conditioner Refrigerant Charge Loss	Test
P0535	- A/C Evaporator Temperature Sensor Circuit	Test
P0536	- A/C Evaporator Temperature Sensor Circuit Range/ Performance	Test
P0537	- A/ C Evaporator Temperature Sensor Circuit Low	Test
P0538	- A/C Evaporator Temperature Sensor Circuit High	Test
P0539	- A/C Evaporator Temperature Sensor Circuit Intermittent	Test
P0540	- Intake Air Heater Circuit	
P0541	- Intake Air Heater Circuit Low	
P0542	- Intake Air Heater Circuit High	
P0543	- Intake Air Heater 'A' Circuit Open	
P0544	- Exhaust Gas Temperature Sensor Circuit (Bank 1)	Test
P0545	- Exhaust Gas Temperature Sensor Circuit Low (Bank 1)	Test
P0546	- Exhaust Gas Temperature Sensor Circuit High (Bank 1)	Test
P0547	- Exhaust Gas Temperature Sensor Circuit (Bank 2)	Test
P0548	- Exhaust Gas Temperature Sensor Circuit Low (Bank 2)	Test
P0549	- Exhaust Gas Temperature Sensor Circuit High (Bank 2)	Test
P0550	- Power Steering Pressure Sensor Circuit Malfunction	Test
P0551	- Power Steering Pressure Sensor Circuit Range/ Performance	Test
P0552	- Power Steering Pressure Sensor Circuit Low Input	Test
P0553	- Power Steering Pressure Sensor Circuit High Input	Test
P0554	- Power Steering Pressure Sensor Circuit Intermittent	Test
P0555	- Brake Booster Pressure Sensor Circuit	Test

P0556	- Brake Booster Pressure Sensor Circuit Range/ Performance	Test
P0557	- Brake Booster Pressure Sensor Circuit Low Input	Test
P0558	- Brake Booster Pressure Sensor Circuit High Input	Test
P0559	- Brake Booster Pressure Sensor Circuit Intermittent	Test
P0560	- System Voltage Malfunction	Test
P0561	- System Voltage Unstable	Test
P0562	- System Voltage Low	Test
P0563	- System Voltage High	Test
P0564	- Cruise Control Multi-Function Input Signal	
P0565	- Cruise Control On Signal Malfunction	Test
P0566	- Cruise Control Off Signal Malfunction	Test
P0567	- Cruise Control Resume Signal Malfunction	Test
P0568	- Cruise Control Set Signal Malfunction	Test
P0569	- Cruise Control Coast Signal Malfunction	Test
P0570	- Cruise Control Accel Signal Malfunction	Test
P0571	- Cruise Control/ Brake Switch A Circuit Malfunction	Test
P0572	- Cruise Control/ Brake Switch A Circuit Low	Test
P0573	- Cruise Control/ Brake Switch A Circuit High	Test
P0574	- Cruise Control 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 Malfunction	Test
P0601	- Internal Control Module Memory Check Sum Error	Test
P0602	- Control Module Programming Error	Test
P0603	- Internal Control Module Keep Alive Memory (KAM) Error	Test
P0604	- Internal Control Module Random Access Memory (RAM) Error	
P0605	- Internal Control Module Read Only Memory (ROM) Error	Test
P0606	- Powertrain Control Module Processor Fault	Test
P0607	- Control Module Performance	
P0608	- Control Module VSS Output 'A' Malfunction	
P0609	- Control Module VSS Output 'B' Malfunction	
P060A	- Internal Control Module Monitoring Processor Performance	
P060B	- Internal Control Module A/ D Processing Performance	
P060C	- Internal Control Module Main Processor Performance	
P060D	- Internal Control Module Accelerator Pedal Position Performance	
P060E	- Internal Control Module Throttle Position Performance	
P060F	- Internal Control Module Engine Coolant Temperature Performance	
P0610	- Control Module Vehicle Options Error	
P0611	- Fuel Injector Control Module Performance	Test
P0612	- Fuel Injector Control Module Relay Control Circuit	Test
P0613	- TCM Processor	
P0614	- ECM/ TCM Incompatible	
P0615	- Starter Relay Circuit	Test
P0616	- Starter Relay Circuit Low	Test
P0617	- Starter Relay Circuit High	Test
P0618	- Alternative Fuel Control Module Keep Alive Memory (KAM) Error	
P0619	- Alternative Fuel Control Module RAM/ ROM Error	
P061A	- Internal Control Module Torque Performance	
P061B	- Internal Control Module Torque Calculation Performance	

P061C	- Internal Control Module Engine RPM Performance	
P061D	- Internal Control Module Engine Air Mass Performance	
P061E	- Internal Control Module Brake Signal Performance	
P061F	- Internal Control Module Throttle Actuator Controller Performance	
P0620	- Generator Control Circuit Malfunction	Test
P0621	- Generator Lamp 'L' Control Circuit Malfunction	Test
P0622	- Generator Field 'F' Control Circuit Malfunction	Test
P0623	- Generator Lamp Control Circuit	Test
P0624	- Fuel Cap Lamp Control Circuit	
P0625	- Generator Field Terminal Circuit Low	Test
P0626	- Generator Field Terminal Circuit High	Test
P0627	- Fuel Pump 'A' Control Circuit/ Open	Test
P0628	- Fuel Pump 'A' Control Circuit Low	Test
P0629	- Fuel Pump 'A' Control Circuit High	Test
P062A	- Fuel Pump 'A' Control Circuit Range/ Performance	Test
P062B	- Internal Control Module Fuel Injector Control Performance	
P062C	- Internal Control Module Vehicle Speed Performance	
P062D	- Fuel Injector Driver Circuit Performance Bank 1	Test
P062E	- Fuel Injector Driver Circuit Performance Bank 2	Test
P0630	- VIN Not Programmed or Mismatch ECM/ PCM	
P0631	- VIN Not Programmed or Mismatch TCM	
P0632	- Odometer Not Programmed - ECM/ PCM	
P0633	- Immobiliser Key Not Programmed - ECM/ PCM	Test
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 (Bank 1)	Test
P0639	- Throttle Actuator Control Range/ Performance (Bank 2)	Test
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	Test
P0646	- A/C Clutch Relay Control Circuit Low	Test
P0647	- A/C Clutch Relay Control Circuit High	Test
P0648	- Immobiliser Lamp Control Circuit	Test

P0649	- Speed Control Lamp Control Circuit	
P0650	- Malfunction Indicator Lamp (MI) Control Circuit	Test
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 Malfunction	Test
P0655	- Engine Hot Lamp Output Control Circuit Malfunction	
P0656	- Fuel Level Output Circuit Malfunction	Test
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 (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)	
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 Control Module Control Circuit/ Open	Test
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	Test

P0686	- ECM/ PCM Power Relay Control Circuit Low	Test
P0687	- ECM/ PCM Power Relay Control Circuit High	Test
P0688	- ECM/ PCM Power Relay Sense Circuit	Test
P0689	- ECM/ PCM Power Relay Sense Circuit Low	Test
P0690	- ECM/ PCM Power Relay Sense Circuit High	Test
P0691	- Fan 1 Control Circuit Low	Test
P0692	- Fan 1 Control Circuit High	Test
P0693	- Fan 2 Control Circuit Low	Test
P0694	- Fan 2 Control Circuit High	Test
P0695	- Fan 3 Control Circuit Low	Test
P0696	- Fan 3 Control Circuit High	Test
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 Malfunction	Test
P0701	- Transmission Control System Range/ Performance	Test
P0702	- Transmission Control System Electrical	Test
P0703	- Torque Converter/ Brake Switch B Circuit	Test
P0704	- Clutch Switch Input Circuit Malfunction	Test
P0705	- Transmission Range Sensor Circuit Malfunction (PRNDRL Input)	Test
P0706	- Transmission Range Sensor Circuit Range/ Performance	Test
P0707	- Transmission Range Sensor Circuit Low Input	Test
P0708	- Transmission Range Sensor Circuit High Input	Test
P0709	- Transmission Range Sensor Circuit Intermittent	Test
P0710	- Transmission Fluid Temperature Sensor Circuit Malfunction	Test
P0711	- Transmission Fluid Temperature Sensor Circuit Range/ Performance	Test
P0712	- Transmission Fluid Temperature Sensor Circuit Low Input	Test
P0713	- Transmission Fluid Temperature Sensor Circuit High Input	Test
P0714	- Transmission Fluid Temperature Sensor Circuit Intermittent	Test
P0715	- Input/ Turbine Speed Sensor Circuit Malfunction	Test
P0716	- Input/ Turbine Speed Sensor Circuit Range/ Performance	Test
P0717	- Input/ Turbine Speed Sensor Circuit No Signal	Test
P0718	- Input/ Turbine Speed Sensor Circuit Intermittent	Test
P0719	- Torque Converter/ Brake Switch B Circuit Low	Test
P0720	- Output Speed Sensor Circuit Malfunction	Test
P0721	- Output Speed Sensor Circuit Range/ Performance	Test
P0722	- Output Speed Sensor Circuit No Signal	Test

P0723	- Output Speed Sensor Circuit Intermittent	Test
P0724	- Torque Converter/ Brake Switch B Circuit High	Test
P0725	- Engine Speed Input Circuit Malfunction	Test
P0726	- Engine Speed Input Circuit Range/ Performance	Test
P0727	- Engine Speed Input Circuit No Signal	Test
P0728	- Engine Speed Input Circuit Intermittent	Test
P0729	- Gear 6 Incorrect Ratio	Test
P0730	- Incorrect Gear Ratio	Test
P0731	- Gear 1 Incorrect Ratio	Test
P0732	- Gear 2 Incorrect Ratio	Test
P0733	- Gear 3 Incorrect Ratio	Test
P0734	- Gear 4 Incorrect Ratio	Test
P0735	- Gear 5 Incorrect Ratio	Test
P0736	- Reverse Incorrect Ratio	Test
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 Malfunction	Test
P0741	- Torque Converter Clutch Circuit Performance or Stuck Off	Test
P0742	- Torque Converter Clutch Circuit Stuck On	Test
P0743	- Torque Converter Clutch Circuit Electrical	Test
P0744	- Torque Converter Clutch Circuit Intermittent	Test
P0745	- Pressure Control Solenoid 'A' Malfunction	Test
P0746	- Pressure Control Solenoid 'A' Performance or Stuck Off	Test
P0747	- Pressure Control Solenoid 'A' Stuck On	Test
P0748	- Pressure Control Solenoid 'A' Electrical	Test
P0749	- Pressure Control Solenoid 'A' Intermittent	Test
P0750	- Shift Solenoid 'A' Malfunction	Test
P0751	- Shift Solenoid 'A' Performance or Stuck Off	Test
P0752	- Shift Solenoid 'A' Stuck On	Test
P0753	- Shift Solenoid 'A' Electrical	Test
P0754	- Shift Solenoid 'A' Intermittent	Test
P0755	- Shift Solenoid 'B' Malfunction	Test
P0756	- Shift Solenoid 'B' Performance or Stuck Off	Test
P0757	- Shift Solenoid 'B' Stuck On	Test
P0758	- Shift Solenoid 'B' Electrical	Test
P0759	- Shift Solenoid 'B' Intermittent	Test
P0760	- Shift Solenoid 'C' Malfunction	Test
P0761	- Shift Solenoid 'C' Performance or Stuck Off	Test

P0762	- Shift Solenoid 'C' Stuck On	Test
P0763	- Shift Solenoid 'C' Electrical	Test
P0764	- Shift Solenoid 'C' Intermittent	Test
P0765	- Shift Solenoid 'D' Malfunction	Test
P0766	- Shift Solenoid 'D' Performance or Stuck Off	Test
P0767	- Shift Solenoid 'D' Stuck On	Test
P0768	- Shift Solenoid 'D' Electrical	Test
P0769	- Shift Solenoid 'D' Intermittent	Test
P0770	- Shift Solenoid 'E' Malfunction	Test
P0771	- Shift Solenoid 'E' Performance or Stuck Off	Test
P0772	- Shift Solenoid 'E' Stuck On	Test
P0773	- Shift Solenoid 'E' Electrical	Test
P0774	- Shift Solenoid 'E' Intermittent	Test
P0775	- Pressure Control Solenoid 'B'	Test
P0776	- Pressure Control Solenoid 'B' Performance or Stuck Off	Test
P0777	- Pressure Control Solenoid 'B' Stuck On	Test
P0778	- Pressure Control Solenoid 'B' Electrical	Test
P0779	- Pressure Control Solenoid 'B' Intermittent	Test
P0780	- Shift Malfunction	Test
P0781	- 1-2 Shift Malfunction	Test
P0782	- 2-3 Shift Malfunction	Test
P0783	- 3-4 Shift Malfunction	Test
P0784	- 4-5 Shift Malfunction	Test
P0785	- Shift/ Timing Solenoid Malfunction	Test
P0786	- Shift/ Timing Solenoid Range/ Performance	Test
P0787	- Shift/ Timing Solenoid Low	Test
P0788	- Shift/ Timing Solenoid High	Test
P0789	- Shift/ Timing Solenoid Intermittent	Test
P0790	- Normal Performance Switch Circuit Malfunction	Test
P0791	- Intermediate Shaft Speed Sensor Circuit	Test
P0792	- Intermediate Shaft Speed Sensor Circuit Range/ Performance	Test
P0793	- Intermediate Shaft Speed Sensor Circuit No Signal	Test
P0794	- Intermediate Shaft Speed Sensor Circuit Intermittent	Test
P0795	- Pressure Control Solenoid 'C'	Test
P0796	- Pressure Control Solenoid 'C' Performance or Stuck Off	Test
P0797	- Pressure Control Solenoid 'C' Stuck On	Test
P0798	- Pressure Control Solenoid 'C' Electrical	Test
P0799	- Pressure Control Solenoid 'C' Intermittent	Test

P0800	- Transfer Case Control System (MIL Request)	
P0801	- Reverse Inhibit Control Circuit Malfunction	Test
P0802	- Transmission Control System MIL Request Circuit/ Open	Test
P0803	- 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction	Test
P0804	- 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction	Test
P0805	- Clutch Position Sensor Circuit	Test
P0806	- Clutch Position Sensor Circuit Range/ Performance	Test
P0807	- Clutch Position Sensor Circuit Low	Test
P0808	- Clutch Position Sensor Circuit High	Test
P0809	- Clutch Position Sensor Circuit Intermittent	Test
P0810	- Clutch Position Control Error	Test
P0811	- Excessive Clutch Slippage	Test
P0812	- Reverse Input Circuit	Test
P0813	- Reverse Output Circuit	Test
P0814	- Transmission Range Display Circuit	Test
P0815	- Upshift Switch Circuit	Test
P0816	- DownShift Switch Circuit	Test
P0817	- Starter Disable Circuit	Test
P0818	- Driveline Disconnect Switch Input Circuit	Test
P0819	- Up and Down Shift Switch to Transmission Range Correlation	Test
P0820	- Gear Lever X-Y Position Sensor Circuit	Test
P0821	- Gear Lever X Position Circuit	Test
P0822	- Gear Lever Y Position Circuit	Test
P0823	- Gear Lever X Position Circuit Intermittent	Test
P0824	- Gear Lever Y Position Circuit Intermittent	Test
P0825	- Gear Lever Push-Pull Switch (Shift Anticipate)	Test
P0826	- Up and Down Switch Input Circuit	Test
P0827	- Up and Down Switch Input Circuit Low	Test
P0828	- Up and Down Switch Input Circuit High	Test
P0829	- 5-6 Shift	Test
P0830	- Clutch Pedal Switch 'A' Circuit	Test
P0831	- Clutch Pedal Switch 'A' Circuit Low	Test
P0832	- Clutch Pedal Switch 'A' Circuit High	Test
P0833	- Clutch Pedal Switch 'B' Circuit	Test
P0834	- Clutch Pedal Switch 'B' Circuit Low	Test
P0835	- Clutch Pedal Switch 'B' Circuit High	Test
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	Test
P0841	- Transmission Fluid Pressure Sensor/ Switch 'A' Circuit Range/ Performance	Test
P0842	- Transmission Fluid Pressure Sensor/ Switch 'A' Circuit Low	Test
P0843	- Transmission Fluid Pressure Sensor/ Switch 'A' Circuit High	Test
P0844	- Transmission Fluid Pressure Sensor/ Switch 'A' Circuit Intermittent	Test
P0845	- Transmission Fluid Pressure Sensor/ Switch 'B' Circuit	Test
P0846	- Transmission Fluid Pressure Sensor/ Switch 'B' Circuit Range/ Performance	Test
P0847	- Transmission Fluid Pressure Sensor/ Switch 'B' Circuit Low	Test
P0848	- Transmission Fluid Pressure Sensor/ Switch 'B' Circuit High	Test
P0849	- Transmission Fluid Pressure Sensor/ Switch 'B' Circuit Intermittent	Test
P0850	- Park/ Neutral Switch Input Circuit	Test
P0851	- Park/ Neutral Switch Input Circuit Low	Test
P0852	- Park/ Neutral Switch Input Circuit High	Test
P0853	- Drive Switch Input Circuit	Test
P0854	- Drive Switch Input Circuit Low	Test
P0855	- Drive Switch Input Circuit High	Test
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	Test
P0861	- Gear Shift Module Communication Circuit Low	Test
P0862	- Gear Shift Module Communication Circuit High	Test
P0863	- TCM Communication Circuit	Test
P0864	- TCM Communication Circuit Range/ Performance	Test
P0865	- TCM Communication Circuit Low	Test
P0866	- TCM Communication Circuit High	Test
P0867	- Transmission Fluid Pressure	Test
P0868	- Transmission Fluid Pressure Low	Test
P0869	- Transmission Fluid Pressure High	Test
P0870	- Transmission Fluid Pressure Sensor/ Switch 'C' Circuit	Test
P0871	- Transmission Fluid Pressure Sensor/ Switch 'C' Circuit Range/ Performance	Test

P0872	- Transmission Fluid Pressure Sensor/ Switch 'C' Circuit Low	Test
P0873	- Transmission Fluid Pressure Sensor/ Switch 'C' Circuit High	Test
P0874	- Transmission Fluid Pressure Sensor/ Switch 'C' Circuit Intermittent	Test
P0875	- Transmission Fluid Pressure Sensor/ Switch 'D' Circuit	Test
P0876	- Transmission Fluid Pressure Sensor/ Switch 'D' Circuit Range/ Performance	Test
P0877	- Transmission Fluid Pressure Sensor/ Switch 'D' Circuit Low	Test
P0878	- Transmission Fluid Pressure Sensor/ Switch 'D' Circuit High	Test
P0879	- Transmission Fluid Pressure Sensor/ Switch 'D' Circuit Intermittent	Test
P0880	- TCM Power Input Signal	Test
P0881	- TCM Power Input Signal Range/ Performance	Test
P0882	- TCM Power Input Signal Low	Test
P0883	- TCM Power Input Signal High	Test
P0884	- TCM Power Input Signal Intermittent	Test
P0885	- TCM Power Relay Control Circuit/ Open	Test
P0886	- TCM Power Relay Control Circuit Low	Test
P0887	- TCM Power Relay Control Circuit High	Test
P0888	- TCM Power Relay Sense Circuit	Test
P0889	- TCM Power Relay Sense Circuit Range/ Performance	Test
P0890	- TCM Power Relay Sense Circuit Low	Test
P0891	- TCM Power Relay Sense Circuit High	Test
P0892	- TCM Power Relay Sense Circuit Intermittent	Test
P0893	- Multiple Gears Engaged	Test
P0894	- Transmission Component Slipping	Test
P0895	- Shift Time Too Short	Test
P0896	- Shift Time Too Long	Test
P0897	- Transmission Fluid Deteriorated	Test
P0898	- Transmission Control System MIL Request Circuit Low	Test
P0899	- Transmission Control System MIL Request Circuit High	Test
P0900	- Clutch Actuator Circuit/ Open	Test
P0901	- Clutch Actuator Circuit Range/ Performance	Test
P0902	- Clutch Actuator Circuit Low	Test
P0903	- Clutch Actuator Circuit High	Test
P0904	- Gate Select Position Circuit [senses left/ right position]	Test
P0905	- Gate Select Position Circuit Range/ Performance	Test
P0906	- Gate Select Position Circuit Low	Test
P0907	- Gate Select Position Circuit High	Test

P0908	- Gate Select Position Circuit Intermittent	Test
P0909	- Gate Select Control Error	Test
P0910	- Gate Select Actuator Circuit/ Open [left/ right motion]	Test
P0911	- Gate Select Actuator Circuit Range/ Performance	Test
P0912	- Gate Select Actuator Circuit Low	Test
P0913	- Gate Select Actuator Circuit High	Test
P0914	- Gear Shift Position Circuit [senses forward/ rearward position, odd/ even gears]	Test
P0915	- Gear Shift Position Circuit Range/ Performance	Test
P0916	- Gear Shift Position Circuit Low	Test
P0917	- Gear Shift Position Circuit High	Test
P0918	- Gear Shift Position Circuit Intermittent	Test
P0919	- Gear Shift Position Control Error	Test
P0920	- Gear Shift Forward Actuator Circuit/ Open [forward motion, odd gears, 1,3,5]	Test
P0921	- Gear Shift Forward Actuator Circuit Range/ Performance	Test
P0922	- Gear Shift Forward Actuator Circuit Low	Test
P0923	- Gear Shift Forward Actuator Circuit High	Test
P0924	- Gear Shift Reverse Actuator Circuit/ Open [rearward motion, even gears, 2,4,6]	Test
P0925	- Gear Shift Reverse Actuator Circuit Range/ Performance	Test
P0926	- Gear Shift Reverse Actuator Circuit Low	Test
P0927	- Gear Shift Reverse Actuator Circuit High	Test
P0928	- Gear Shift Lock Solenoid Circuit/ Open	Test
P0929	- Gear Shift Lock Solenoid Circuit Range/ Performance	Test
P0930	- Gear Shift Lock Solenoid Circuit Low	Test
P0931	- Gear Shift Lock Solenoid Circuit High	Test
P0932	- Hydraulic Pressure Sensor Circuit	Test
P0933	- Hydraulic Pressure Sensor Range/ Performance	Test
P0934	- Hydraulic Pressure Sensor Circuit Low Input	Test
P0935	- Hydraulic Pressure Sensor Circuit High Input	Test
P0936	- Hydraulic Pressure Sensor Circuit Intermittent	Test
P0937	- Hydraulic Oil Temperature Sensor Circuit	Test
P0938	- Hydraulic Oil Temperature Sensor Range/ Performance	Test
P0939	- Hydraulic Oil Temperature Sensor Circuit Low Input	Test
P0940	- Hydraulic Oil Temperature Sensor Circuit High Input	Test
P0941	- Hydraulic Oil Temperature Sensor Circuit Intermittent	Test
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 Done	
P0950	- Auto Shift Manual Control Circuit [Up/ Down/ Auto/ etc]	
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 [Perf/ Winter/ Sport/ etc]	
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	Test
P0961	- Pressure Control Solenoid 'A' Control Circuit Range/ Performance	Test
P0962	- Pressure Control Solenoid 'A' Control Circuit Low	Test
P0963	- Pressure Control Solenoid 'A' Control Circuit High	Test
P0964	- Pressure Control Solenoid 'B' Control Circuit/ Open	Test
P0965	- Pressure Control Solenoid 'B' Control Circuit Range/ Performance	Test
P0966	- Pressure Control Solenoid 'B' Control Circuit Low	Test
P0967	- Pressure Control Solenoid 'B' Control Circuit High	Test
P0968	- Pressure Control Solenoid 'C' Control Circuit/ Open	Test
P0969	- Pressure Control Solenoid 'C' Control Circuit Range/ Performance	Test
P0970	- Pressure Control Solenoid 'C' Control Circuit Low	Test
P0971	- Pressure Control Solenoid 'C' Control Circuit High	Test
P0972	- Shift Solenoid 'A' Control Circuit Range/ Performance	Test
P0973	- Shift Solenoid 'A' Control Circuit Low	Test
P0974	- Shift Solenoid 'A' Control Circuit High	Test
P0975	- Shift Solenoid 'B' Control Circuit Range/ Performance	Test
P0976	- Shift Solenoid 'B' Control Circuit Low	Test
P0977	- Shift Solenoid 'B' Control Circuit High	Test
P0978	- Shift Solenoid 'C' Control Circuit Range/ Performance	Test
P0979	- Shift Solenoid 'C' Control Circuit Low	Test

P0980	- Shift Solenoid 'C' Control Circuit High	Test
P0981	- Shift Solenoid 'D' Control Circuit Range/ Performance	Test
P0982	- Shift Solenoid 'D' Control Circuit Low	Test
P0983	- Shift Solenoid 'D' Control Circuit High	Test
P0984	- Shift Solenoid 'E' Control Circuit Range/ Performance	Test
P0985	- Shift Solenoid 'E' Control Circuit Low	Test
P0986	- Shift Solenoid 'E' Control Circuit High	Test
P0987	- Transmission Fluid Pressure Sensor/ Switch 'E' Circuit	Test
P0988	- Transmission Fluid Pressure Sensor/ Switch 'E' Circuit Range/ Performance	Test
P0989	- Transmission Fluid Pressure Sensor/ Switch 'E' Circuit Low	Test
P0990	- Transmission Fluid Pressure Sensor/ Switch 'E' Circuit High	Test
P0991	- Transmission Fluid Pressure Sensor/ Switch 'E' Circuit Intermittent	Test
P0992	- Transmission Fluid Pressure Sensor/ Switch 'F' Circuit	Test
P0993	- Transmission Fluid Pressure Sensor/ Switch 'F' Circuit Range/ Performance	Test
P0994	- Transmission Fluid Pressure Sensor/ Switch 'F' Circuit Low	Test
P0995	- Transmission Fluid Pressure Sensor/ Switch 'F' Circuit High	Test
P0996	- Transmission Fluid Pressure Sensor/ Switch 'F' Circuit Intermittent	Test
P0997	- Shift Solenoid 'F' Control Circuit Range/ Performance	Test
P0998	- Shift Solenoid 'F' Control Circuit Low	Test
P0999	- Shift Solenoid 'F' Control Circuit High	Test
P0A00	- Motor Electronics Coolant Temperature Sensor Circuit	
P0A01	- Motor Electronics Coolant Temperature Sensor Circuit Range/ Performance	
P0A02	- Motor Electronics Coolant Temperature Sensor Circuit Low	
P0A03	- Motor Electronics Coolant Temperature Sensor Circuit High	
P0A04	- Motor Electronics Coolant Temperature Sensor Circuit Intermittent	
P0A05	- Motor Electronics Coolant Pump Control Circuit/ Open	
P0A06	- Motor Electronics Coolant Pump Control Circuit Low	
P0A07	- Motor Electronics Coolant Pump Control Circuit High	
P0A08	- DC/DC Converter Fault Circuit/Open	
P0A09	- DC/ DC Converter Fault Circuit Low	
P0A0A	- High Voltage System Inter-Lock Circuit	
P0A0B	- High Voltage System Inter-Lock Circuit Performance	
P0A0C	- High Voltage System Inter-Lock Circuit Low	
P0A0D	- High Voltage System Inter-Lock Circuit High	

P0A0E	- High Voltage System Inter-Lock Circuit Intermittent
P0A0F	- Engine Failed to Start
P0A10	- DC/ DC Converter Fault Circuit High
P0A11	- DC/ DC Converter Enable Circuit/ Open
P0A12	- DC/ DC Converter Enable Circuit Low
P0A13	- DC/ DC Converter Enable Circuit High
P0A14	- Engine Mount Control Circuit/ Open
P0A15	- Engine Mount Control Circuit Low
P0A16	- Engine Mount Control Circuit High
P0A17	- Motor Torque Sensor Circuit
P0A18	- Motor Torque Sensor Circuit Range/ Performance
P0A19	- Motor Torque Sensor Circuit Low
P0A1A	- Generator Control Module
P0A1B	- Drive Motor 'A' Control Module
P0A1C	- Drive Motor 'B' Control Module
P0A1D	- Hybrid Powertrain Control Module
P0A1E	- Starter/ Generator Control Module
P0A1F	- Battery Energy Control Module
P0A20	- Motor Torque Sensor Circuit High
P0A21	- Motor Torque Sensor Circuit Intermittent
P0A22	- 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	- Hybrid Battery Power Off Circuit
P0A28	- Hybrid Battery Power Off Circuit Low
P0A29	- Hybrid Battery Power Off Circuit High
P0A2A	- Drive Motor 'A' Temperature Sensor Circuit
P0A2B	- Drive Motor 'A' Temperature Sensor Circuit Range/ Performance
P0A2C	- Drive Motor 'A' Temperature Sensor Circuit Low
P0A2D	- Drive Motor 'A' Temperature Sensor Circuit High
P0A2E	- Drive Motor 'A' Temperature Sensor Circuit Intermittent
P0A2F	- Drive Motor 'A' Over Temperature
P0A30	- Drive Motor 'B' Temperature Sensor Circuit
P0A31	- Drive Motor 'B' Temperature Sensor Circuit Range/ Performance
P0A32	- Drive Motor 'B' Temperature Sensor Circuit Low

P0A33	- Drive Motor 'B' Temperature Sensor Circuit High
P0A34	- Drive Motor 'B' Temperature Sensor Circuit Intermittent
P0A35	- Drive Motor 'B' Over Temperature
P0A36	- Generator Temperature Sensor Circuit
P0A37	- Generator Temperature Sensor Circuit Range/ Performance
P0A38	- Generator Temperature Sensor Circuit Low
P0A39	- Generator Temperature Sensor Circuit High
P0A3A	- Generator Temperature Sensor Circuit Intermittent
P0A3B	- Generator Over Temperature
P0A3C	- Drive Motor 'A' Inverter Over Temperature
P0A3D	- Drive Motor 'B' Inverter Over Temperature
P0A3E	- Generator Inverter Over Temperature
P0A3F	- Drive Motor 'A' Position Sensor Circuit
P0A40	- Drive Motor 'A' Position Sensor Circuit Range/ Performance
P0A41	- Drive Motor 'A' Position Sensor Circuit Low
P0A42	- Drive Motor 'A' Position Sensor Circuit High
P0A43	- Drive Motor 'A' Position Sensor Circuit Intermittent
P0A44	- Drive Motor 'A' Position Sensor Circuit Overspeed
P0A45	- Drive Motor 'B' Position Sensor Circuit
P0A46	- Drive Motor 'B' Position Sensor Circuit Range/ Performance
P0A47	- Drive Motor 'B' Position Sensor Circuit Low
P0A48	- Drive Motor 'B' Position Sensor Circuit High
P0A49	- Drive Motor 'B' Position Sensor Circuit Intermittent
P0A4A	- Drive Motor 'B' Position Sensor Circuit Overspeed
P0A4B	- Generator Position Sensor Circuit
P0A4C	- Generator Position Sensor Circuit Range/ Performance
P0A4D	- Generator Position Sensor Circuit Low
P0A4E	- Generator Position Sensor Circuit High
P0A4F	- Generator Position Sensor Circuit Intermittent
P0A50	- Generator Position Sensor Circuit Overspeed
P0A51	- Drive Motor 'A' Current Sensor Circuit
P0A52	- Drive Motor 'A' Current Sensor Circuit Range/ Performance
P0A53	- Drive Motor 'A' Current Sensor Circuit Low
P0A54	- Drive Motor 'A' Current Sensor Circuit High
P0A55	- Drive Motor 'B' Current Sensor Circuit
P0A56	- Drive Motor 'B' Current Sensor Circuit Range/ Performance
P0A57	- Drive Motor 'B' Current Sensor Circuit Low
P0A58	- Drive Motor 'B' Current Sensor Circuit High
P0A59	- Generator Current Sensor Circuit

P0A5A	- Generator Current Sensor Circuit Range/ Performance
P0A5B	- Generator Current Sensor Circuit Low
P0A5C	- Generator Current Sensor Circuit High
P0A5D	- Drive Motor 'A' Phase U Current
P0A5E	- Drive Motor 'A' Phase U Current Low
P0A5F	- Drive Motor 'A' Phase U Current High
P0A60	- Drive Motor 'A' Phase V Current
P0A61	- Drive Motor 'A' Phase V Current Low
P0A62	- Drive Motor 'A' Phase V Current High
P0A63	- Drive Motor 'A' Phase W Current
P0A64	- Drive Motor 'A' Phase W Current Low
P0A65	- Drive Motor 'A' Phase W Current High
P0A66	- Drive Motor 'B' Phase U Current
P0A67	- Drive Motor 'B' Phase U Current Low
P0A68	- Drive Motor 'B' Phase U Current High
P0A69	- Drive Motor 'B' Phase V Current
P0A6A	- Drive Motor 'B' Phase V Current Low
P0A6B	- Drive Motor 'B' Phase V Current High
P0A6C	- Drive Motor 'B' Phase W Current
P0A6D	- Drive Motor 'B' Phase W Current Low
P0A6E	- Drive Motor 'B' Phase W Current High
P0A6F	- Generator Phase U Current
P0A70	- Generator Phase U Current Low
P0A71	- Generator Phase U Current High
P0A72	- Generator Phase V Current
P0A73	- Generator Phase V Current Low
P0A74	- Generator Phase V Current High
P0A75	- Generator Phase W Current
P0A76	- Generator Phase W Current Low
P0A77	- Generator Phase W Current High
P0A78	- Drive Motor 'A' Inverter Performance
P0A79	- Drive Motor 'B' Inverter Performance
P0A7A	- Generator Inverter Performance
P0A7B	- Battery Energy Control Module Requested MIL Illumination
P0A7C	- Motor Electronic Over Temperature
P0A7D	- Hybrid Battery Pack State of Charge Low
P0A7E	- Hybrid Battery Pack Over Temperature
P0A7F	- Replace Hybrid Battery Pack Deterioration
P0A80	- Replace Hybrid Battery Pack

P0A81	- Hybrid Battery Pack Cooling Fan Control Circuit
P0A82	- Hybrid Battery Pack Cooling Fan Performance or Stuck Off
P0A83	- Hybrid Battery Pack Cooling Fan Stuck On
P0A84	- Hybrid Battery Pack Cooling Fan Control Circuit Low
P0A85	- Hybrid Battery Pack Cooling Fan Control Circuit High
P0A86	- 14 Volt Power Module Current Sensor Circuit
P0A87	- 14 Volt Power Module Current Sensor Circuit Range/ Performance
P0A88	- 14 Volt Power Module Current Sensor Circuit Low
P0A89	- 14 Volt Power Module Current Sensor Circuit High
P0A8A	- 14 Volt Power Module Current Sensor Circuit Intermittent
P0A8B	- 14 Volt Power Module System Voltage
P0A8C	- 14 Volt Power Module System Voltage Unstable
P0A8D	- 14 Volt Power Module System Voltage Low
P0A8E	- 14 Volt Power Module System Voltage High
P0A8F	- 14 Volt Power Module System Voltage Performance
P0A90	- Drive Motor 'A' Performance
P0A91	- Drive Motor 'B' Performance
P0A92	- Hybrid Generator Performance
P0A93	- Inverter Cooling System Performance
P0A94	- DC/ DC Converter Performance
P0A95	- High Voltage Fuse
P0A96	- Hybrid Battery Pack Cooling Fan 2 Control Circuit
P0A97	- Hybrid Battery Pack Cooling Fan 2 Performance or Stuck Off
P0A98	- Hybrid Battery Pack Cooling Fan 2 Stuck On
P0A99	- Hybrid Battery Pack Cooling Fan 2 Control Circuit On
P0A9A	- Hybrid Battery Pack Cooling Fan 2 Control Circuit High
P0A9B	- Hybrid Battery Temperature Sensor Circuit
P0A9C	- Hybrid Battery Temperature Sensor Circuit Range/ Performance
P0A9D	- Hybrid Battery Temperature Sensor Circuit Low
P0A9E	- Hybrid Battery Temperature Sensor Circuit High
P0A9F	- Hybrid Battery Temperature Sensor Circuit Intermittent/ Erratic
P0AA0	- Hybrid Battery Positive Contactor Circuit
P0AA1	- Hybrid Battery Positive Contactor Circuit Stuck Closed
P0AA2	- Hybrid Battery Positive Contactor Circuit Stuck Open
P0AA3	- Hybrid Battery Negative Contactor Circuit
P0AA4	- Hybrid Battery Negative Contactor Circuit Stuck Closed

P0AA5	- Hybrid Battery Negative Contactor Circuit Stuck Open	
P0AA6	- Hybrid Battery Voltage System Isolation Fault	
P0AA7	- Hybrid Battery Voltage Isolation Sensor Circuit	
P0AA8	- Hybrid Battery Voltage Isolation Sensor Circuit Range/ Performance	
P0AA9	- Hybrid Battery Voltage Isolation Sensor Circuit Low	
P0AAA	- Hybrid Battery Voltage Isolation Sensor Circuit High	
P0AAB	- Hybrid Battery Voltage Isolation Sensor Circuit Intermittent/ Erratic	
P0AAC	- Hybrid Battery Pack Air Temperature Sensor 'A' Circuit	
P0AAD	- Hybrid Battery Pack Air Temperature Sensor 'A' Circuit Range/ Performance	
P0AAE	- Hybrid Battery Pack Air Temperature Sensor 'A' Circuit Low	
P0AAF	- Hybrid Battery Pack Air Temperature Sensor 'A' Circuit High	
P0AB0	- Hybrid Battery Pack Air Temperature Sensor 'A' Circuit Intermittent/ Erratic	
P0AB1	- Hybrid Battery Pack Air Temperature Sensor 'B' Circuit	
P0AB2	- Hybrid Battery Pack Air Temperature Sensor 'B' Circuit Range/ Performance	
P0AB3	- Hybrid Battery Pack Air Temperature Sensor 'B' Circuit Low	
P0AB4	- Hybrid Battery Pack Air Temperature Sensor 'B' Circuit High	
P0AB5	- Hybrid Battery Pack Air Temperature Sensor 'B' Circuit Intermittent/ Erratic	
P0AB6	- Engine Mount Control 'B' Circuit Open	
P0AB7	- Engine Mount Control 'B' Circuit Low	
P0AB8	- Engine Mount Control 'B' Circuit High	
P0AB9	- Hybrid System Performance	
P2000	- NOx Trap Efficiency Below Threshold (Bank 1)	
P2001	- NOx Trap Efficiency Below Threshold (Bank 2)	
P2002	- Particulate Trap Efficiency Below Threshold (Bank 1)	
P2003	- Particulate Trap Efficiency Below Threshold (Bank 2)	
P2004	- Intake Manifold Runner Control Stuck Open (Bank 1)	Test
P2005	- Intake Manifold Runner Control Stuck Open (Bank 2)	Test
P2006	- Intake Manifold Runner Control Stuck Closed (Bank 1)	Test
P2007	- Intake Manifold Runner Control Stuck Closed (Bank 2)	Test
P2008	- Intake Manifold Runner Control Circuit/ Open (Bank 1)	Test
P2009	- Intake Manifold Runner Control Circuit Low (Bank 1)	Test
P2010	- Intake Manifold Runner Control Circuit High (Bank 1)	Test
P2011	- Intake Manifold Runner Control Circuit/ Open (Bank 2)	Test
P2012	- Intake Manifold Runner Control Circuit Low (Bank 2)	Test

P2013	- Intake Manifold Runner Control Circuit High (Bank 2)	Test
P2014	- Intake Manifold Runner Position Sensor/ Switch Circuit (Bank 1)	Test
P2015	- Intake Manifold Runner Position Sensor/ Switch Circuit Range/ Perf. (Bank 1)	Test
P2016	- Intake Manifold Runner Position Sensor/ Switch Circuit Low (Bank 1)	Test
P2017	- Intake Manifold Runner Position Sensor/ Switch Circuit High (Bank 1)	Test
P2018	- Intake Manifold Runner Position Sensor/ Switch Circuit Intermittent (Bank 1)	Test
P2019	- Intake Manifold Runner Position Sensor/ Switch Circuit (Bank 2)	Test
P2020	- Intake Manifold Runner Position Sensor/ Switch Circuit Range/ Perf. (Bank 2)	Test
P2021	- Intake Manifold Runner Position Sensor/ Switch Circuit Low (Bank 2)	Test
P2022	- Intake Manifold Runner Position Sensor/ Switch Circuit High (Bank 2)	Test
P2023	- Intake Manifold Runner Position Sensor/ Switch Circuit Intermittent (Bank 2)	Test
P2024	- Evaporative Emissions Fuel Vapor Temperature Sensor Circuit	Test
P2025	- Evaporative Emissions Fuel Vapor Temperature Sensor Circuit Performance	Test
P2026	- Evaporative Emissions Fuel Vapor Temperature Sensor Circuit Low Voltage	Test
P2027	- Evaporative Emissions Fuel Vapor Temperature Sensor Circuit High Voltage	Test
P2028	- Evaporative Emissions Fuel Vapor Temperature Sensor Circuit Intermittent	Test
P2029	- Fuel Fired Heater Disabled	
P2030	- Fuel Fired Heater Performance	
P2031	- Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 2	Test
P2032	- Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 2	Test
P2033	- Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 2	Test
P2034	- Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 2	Test
P2035	- Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 2	Test
	Exhaust Gas Temperature Sensor Circuit High Bank 2	

P2036	- Sensor 2	Test
P2037	- Reductant Injection Air Pressure Sensor Circuit	
P2038	- Reductant Injection Air Pressure Sensor Circuit Range/ Performance	
P2039	- Reductant Injection Air Pressure Sensor Circuit Low Input	
P2040	- Reductant Injection Air Pressure Sensor Circuit High Input	
P2041	- Reductant Injection Air Pressure Sensor Circuit Intermittent	
P2042	- Reductant Temperature Sensor Circuit	
P2043	- Reductant Temperature Sensor Circuit Range/ Performance	
P2044	- Reductant Temperature Sensor Circuit Low Input	
P2045	- Reductant Temperature Sensor Circuit High Input	
P2046	- Reductant Temperature Sensor Circuit Intermittent	
P2047	- Reductant Injector Circuit/ Open Bank 1 Unit 1	
P2048	- Reductant Injector Circuit Low Bank 1 Unit 1	
P2049	- Reductant Injector Circuit High Bank 1 Unit 1	
P2050	- Reductant Injector Circuit/ Open Bank 2 Unit 1	
P2051	- Reductant Injector Circuit Low Bank 2 Unit 1	
P2052	- Reductant Injector Circuit High Bank 2 Unit 1	
P2053	- Reductant Injector Circuit/ Open Bank 1 Unit 2	
P2054	- Reductant Injector Circuit Low Bank 1 Unit 2	
P2055	- Reductant Injector Circuit High Bank 1 Unit 2	
P2056	- Reductant Injector Circuit/ Open Bank 2 Unit 2	
P2057	- Reductant Injector Circuit Low Bank 2 Unit 2	
P2058	- Reductant Injector Circuit High Bank 2 Unit 2	
P2059	- Reductant Injection Air Pump Control Circuit/ Open	
P2060	- Reductant Injection Air Pump Control Circuit Low	
P2061	- Reductant Injection Air Pump Control Circuit High	
P2062	- Reductant Supply Control Circuit/ Open	
P2063	- Reductant Supply Control Circuit Low	
P2064	- Reductant Supply Control Circuit High	
P2065	- Fuel Level Sensor 'B' Circuit	Test
P2066	- Fuel Level Sensor 'B' Circuit Range/ Performance	Test
P2067	- Fuel Level Sensor 'B' Circuit Low	Test
P2068	- Fuel Level Sensor 'B' Circuit High	Test
P2069	- Fuel Level Sensor 'B' Circuit Intermittent	Test
P2070	- Intake Manifold Tuning Valve Stuck Open	Test
P2071	- Intake Manifold Tuning Valve Stuck Closed	Test
P2072	- Throttle Actuator Control System - Ice Blockage	Test
P2073	- Manifold Absolute Pressure/ Mass Air Flow - Throttle	

	Position Correlation at Idle	
P2074	- Manifold Absolute Pressure/ Mass Air Flow - Throttle Position Correlation at Higher Load	
P2075	- Intake Manifold Tuning Valve Position Sensor/ Switch Circuit	Test
P2076	- Intake Manifold Tuning Valve Position Sensor/ Switch Circuit Range/ Performance	Test
P2077	- Intake Manifold Tuning Valve Position Sensor/ Switch Circuit Low	Test
P2078	- Intake Manifold Tuning Valve Position Sensor/ Switch Circuit High	Test
P2079	- Intake Manifold Tuning Valve Position Sensor/ Switch Circuit Intermittent	Test
P2080	- Exhaust Gas Temperature Sensor Circuit Range/ Performance Bank 1 Sensor 1	Test
P2081	- Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 1	Test
P2082	- Exhaust Gas Temperature Sensor Circuit Range/ Performance Bank 2 Sensor 1	Test
P2083	- Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 1	Test
P2084	- Exhaust Gas Temperature Sensor Circuit Range/ Performance Bank 1 Sensor 2	Test
P2085	- Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 2	Test
P2086	- Exhaust Gas Temperature Sensor Circuit Range/ Performance Bank 2 Sensor 2	Test
P2087	- Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 2	Test
P2088	- A' Camshaft Position Actuator Control Circuit Low Bank 1	
P2089	- A' Camshaft Position Actuator Control Circuit High Bank 1	
P2090	- B' Camshaft Position Actuator Control Circuit Low Bank 1	
P2091	- B' Camshaft Position Actuator Control Circuit High Bank 1	
P2092	- A' Camshaft Position Actuator Control Circuit Low Bank 2	
P2093	- A' Camshaft Position Actuator Control Circuit High Bank 2	
P2094	- B' Camshaft Position Actuator Control Circuit Low Bank 2	
P2095	- B' Camshaft Position Actuator Control Circuit High Bank 2	
P2096	- Post Catalyst Fuel Trim System Too Lean Bank 1	
P2097	- Post Catalyst Fuel Trim System Too Rich Bank 1	
P2098	- Post Catalyst Fuel Trim System Too Lean Bank 2	
P2099	- Post Catalyst Fuel Trim System Too Rich Bank 2	
P2100	- Throttle Actuator Control Motor Circuit/ Open	Test

P2101	- Throttle Actuator Control Motor Circuit Range/ Performance	Test
P2102	- Throttle Actuator Control Motor Circuit Low	Test
P2103	- Throttle Actuator Control Motor Circuit High	Test
P2104	- Throttle Actuator Control System - Forced Idle	
P2105	- Throttle Actuator Control System - Forced Engine Shutdown	
P2106	- Throttle Actuator Control System - Forced Limited Power	
P2107	- Throttle Actuator Control Module Processor	
P2108	- Throttle Actuator Control Module Performance	
P2109	- Throttle/ Pedal Position Sensor 'A' Minimum Stop Performance	Test
P2110	- Throttle Actuator Control System - Forced Limited RPM	
P2111	- Throttle Actuator Control System - Stuck Open	
P2112	- Throttle Actuator Control System - Stuck Closed	
P2113	- Throttle/ Pedal Position Sensor 'B' Minimum Stop Performance	Test
P2114	- Throttle/ Pedal Position Sensor 'C' Minimum Stop Performance	Test
P2115	- Throttle/ Pedal Position Sensor 'D' Minimum Stop Performance	Test
P2116	- Throttle/ Pedal Position Sensor 'E' Minimum Stop Performance	Test
P2117	- Throttle/ Pedal Position Sensor 'F' Minimum Stop Performance	Test
P2118	- Throttle Actuator Control Motor Current Range/ Performance	Test
P2119	- Throttle Actuator Control Throttle Body Range/ Performance	Test
P2120	- Throttle/ Pedal Position Sensor/ Switch 'D' Circuit	Test
P2121	- Throttle/ Pedal Position Sensor/ Switch 'D' Circuit Range/ Performance	Test
P2122	- Throttle/ Pedal Position Sensor/ Switch 'D' Circuit Low Input	Test
P2123	- Throttle/ Pedal Position Sensor/ Switch 'D' Circuit High Input	Test
P2124	- Throttle/ Pedal Position Sensor/ Switch 'D' Circuit Intermittent	Test
P2125	- Throttle/ Pedal Position Sensor/ Switch 'E' Circuit	Test
P2126	- Throttle/ Pedal Position Sensor/ Switch 'E' Circuit Range/ Performance	Test
P2127	- Throttle/ Pedal Position Sensor/ Switch 'E' Circuit Low Input	Test
P2128	- Throttle/ Pedal Position Sensor/ Switch 'E' Circuit High Input	Test
P2129	- Throttle/ Pedal Position Sensor/ Switch 'E' Circuit Intermittent	Test
P2130	- Throttle/ Pedal Position Sensor/ Switch 'F' Circuit	Test
P2131	- Throttle/ Pedal Position Sensor/ Switch 'F' Circuit Range/ Performance	Test

P2132	- Throttle/ Pedal Position Sensor/ Switch 'F' Circuit Low Input	Test
P2133	- Throttle/ Pedal Position Sensor/ Switch 'F' Circuit High Input	Test
P2134	- Throttle/ Pedal Position Sensor/ Switch 'F' Circuit Intermittent	Test
P2135	- Throttle/ Pedal Position Sensor/ Switch 'A'/ 'B' Voltage Correlation	Test
P2136	- Throttle/ Pedal Position Sensor/ Switch 'A'/ 'C' Voltage Correlation	Test
P2137	- Throttle/ Pedal Position Sensor/ Switch 'B'/ 'C' Voltage Correlation	Test
P2138	- Throttle/ Pedal Position Sensor/ Switch 'D'/ 'E' Voltage Correlation	Test
P2139	- Throttle/ Pedal Position Sensor/ Switch 'D'/ 'F' Voltage Correlation	Test
P2140	- Throttle/ Pedal Position Sensor/ Switch 'E'/ 'F' Voltage Correlation	Test
P2141	- Exhaust Gas Recirculation Throttle Control Circuit Low	
P2142	- Exhaust Gas Recirculation Throttle Control Circuit High	
P2143	- Exhaust Gas Recirculation Vent Control Circuit/ Open	
P2144	- Exhaust Gas Recirculation Vent Control Circuit Low	
P2145	- Exhaust Gas Recirculation Vent Control Circuit High	
P2146	- Fuel Injector Group 'A' Supply Voltage Circuit/ Open	Test
P2147	- Fuel Injector Group 'A' Supply Voltage Circuit Low	Test
P2148	- Fuel Injector Group 'A' Supply Voltage Circuit High	Test
P2149	- Fuel Injector Group 'B' Supply Voltage Circuit/ Open	Test
P2150	- Fuel Injector Group 'B' Supply Voltage Circuit Low	Test
P2151	- Fuel Injector Group 'B' Supply Voltage Circuit High	Test
P2152	- Fuel Injector Group 'C' Supply Voltage Circuit/ Open	Test
P2153	- Fuel Injector Group 'C' Supply Voltage Circuit Low	Test
P2154	- Fuel Injector Group 'C' Supply Voltage Circuit High	Test
P2155	- Fuel Injector Group 'D' Supply Voltage Circuit/ Open	Test
P2156	- Fuel Injector Group 'D' Supply Voltage Circuit Low	Test
P2157	- Fuel Injector Group 'D' Supply Voltage Circuit High	Test
P2158	- Vehicle Speed Sensor 'B'	Test
P2159	- Vehicle Speed Sensor 'B' Range/ Performance	Test
P2160	- Vehicle Speed Sensor 'B' Circuit Low	Test
P2161	- Vehicle Speed Sensor 'A' Intermittent/ Erratic	Test
P2162	- Vehicle Speed Sensor 'A'/ 'B' Correlation	Test
P2163	- Throttle/ Pedal Position Sensor 'A' Maximum Stop Performance	Test
	Throttle/ Pedal Position Sensor 'B' Maximum Stop	

P2164	- Performance	Test
P2165	- Throttle/ Pedal Position Sensor 'C' Maximum Stop Performance	Test
P2166	- Throttle/ Pedal Position Sensor 'D' Maximum Stop Performance	Test
P2167	- Throttle/ Pedal Position Sensor 'E' Maximum Stop Performance	Test
P2168	- Throttle/ Pedal Position Sensor 'F' Maximum Stop Performance	Test
P2169	- Exhaust Pressure Regulator Vent Solenoid Control Circuit/ Open	
P2170	- Exhaust Pressure Regulator Vent Solenoid Control Circuit Low	
P2171	- Exhaust Pressure Regulator Vent Solenoid Control Circuit high	
P2172	- Throttle Actuator Control System - Sudden High Airflow Detected	Test
P2173	- Throttle Actuator Control System - High Airflow Detected	Test
P2174	- Throttle Actuator Control System - Sudden Low Airflow Detected	Test
P2175	- Throttle Actuator Control System - Low Airflow Detected	Test
P2176	- Throttle Actuator Control System - Idle Position Not Learned	Test
P2177	- System Too Lean Off Idle - Bank 1	Test
P2178	- System Too Rich Off Idle - Bank 1	Test
P2179	- System Too Lean Off Idle - Bank 2	Test
P2180	- System Too Rich Off Idle - Bank 2	Test
P2181	- Cooling System Performance	
P2182	- Engine Coolant Temperature Sensor 2 Circuit	Test
P2183	- Engine Coolant Temperature Sensor 2 Circuit Range/ Performance	Test
P2184	- Engine Coolant Temperature Sensor 2 Circuit Low	Test
P2185	- Engine Coolant Temperature Sensor 2 Circuit High	Test
P2186	- Engine Coolant Temperature Sensor 2 Circuit Intermittent/ Erratic	Test
P2187	- System Too Lean at Idle - Bank 1	Test
P2188	- System Too Rich at Idle - Bank 1	Test
P2189	- System Too Lean at Idle - Bank 2	Test
P2190	- System Too Rich at Idle - Bank 2	Test
P2191	- System Too Lean at Higher Load - Bank 1	Test
P2192	- System Too Rich at Higher Load - Bank 1	Test
P2193	- System Too Lean at Higher Load - Bank 2	Test

P2194	- System Too Rich at Higher Load - Bank 2	Test
P2195	- O2 Sensor Signal Biased/ Stuck Lean - Bank 1, Sensor 1	Test
P2196	- O2 Sensor Signal Biased/ Stuck Rich - Bank 1, Sensor 1	Test
P2197	- O2 Sensor Signal Biased/ Stuck Lean - Bank 2, Sensor 1	Test
P2198	- O2 Sensor Signal Biased/ Stuck Rich - Bank 2, Sensor 1	Test
P2199	- Intake Air Temperature 1/ 2 Correlation	Test
P2200	- NOx Sensor Circuit Bank 1	
P2201	- NOx Sensor Circuit Range/ Performance Bank 1	
P2202	- NOx Sensor Circuit Low Input Bank 1	
P2203	- NOx Sensor Circuit High Input Bank 1	
P2204	- NOx Sensor Circuit Intermittent Bank 1	
P2205	- NOx Sensor Heater Control Circuit/ Open Bank 1	
P2206	- NOx Sensor Heater Control Circuit Low Bank 1	
P2207	- NOx Sensor Heater Control Circuit High Bank 1	
P2208	- NOx Sensor Heater Sense Circuit Bank 1	
P2209	- NOx Sensor Heater Sense Circuit Range/ Performance Bank 1	
P2210	- NOx Sensor Heater Sense Circuit Low Input Bank 1	
P2211	- NOx Sensor Heater Sense Circuit High Input Bank 1	
P2212	- NOx Sensor Heater Sense Circuit Intermittent Bank 1	
P2213	- NOx Sensor Circuit Bank 2	
P2214	- NOx Sensor Circuit Range/ Performance Bank 2	
P2215	- NOx Sensor Circuit Low Input Bank 2	
P2216	- NOx Sensor Circuit High Input Bank 2	
P2217	- NOx Sensor Circuit Intermittent Bank 2	
P2218	- NOx Sensor Heater Control Circuit/ Open Bank 2	
P2219	- NOx Sensor Heater Control Circuit Low Bank 2	
P2220	- NOx Sensor Heater Control Circuit High Bank 2	
P2221	- NOx Sensor Heater Sense Circuit Bank 2	
P2222	- NOx Sensor Heater Sense Circuit Range/ Performance Bank 2	
P2223	- NOx Sensor Heater Sense Circuit Low Input Bank 2	
P2224	- NOx Sensor Heater Sense Circuit High Input Bank 2	
P2225	- NOx Sensor Heater Sense Circuit Intermittent Bank 2	
P2226	- Barometric Pressure Circuit	Test
P2227	- Barometric Pressure Circuit Range/ Performance	Test
P2228	- Barometric Pressure Circuit Low Input	Test
P2229	- Barometric Pressure Circuit High Input	Test
P2230	- Barometric Pressure Circuit Intermittent	Test

P2231	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 1, Sensor 1	Test
P2232	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 1, Sensor 2	Test
P2233	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 1, Sensor 3	Test
P2234	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 2, Sensor 1	Test
P2235	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 2, Sensor 2	Test
P2236	- O2 Sensor Signal Circuit Shorted to Heater Circuit - Bank 2, Sensor 3	Test
P2237	- O2 Sensor Positive Current Control Circuit/ Open - Bank 1, Sensor 1	Test
P2238	- O2 Sensor Positive Current Control Circuit Low - Bank 1, Sensor 1	Test
P2239	- O2 Sensor Positive Current Control Circuit High - Bank 1, Sensor 1	Test
P2240	- O2 Sensor Positive Current Control Circuit/ Open - Bank 2, Sensor 1	Test
P2241	- O2 Sensor Positive Current Control Circuit Low - Bank 2, Sensor 1	Test
P2242	- O2 Sensor Positive Current Control Circuit High - Bank 2, Sensor 1	Test
P2243	- O2 Sensor Reference Voltage Circuit/ Open - Bank 1, Sensor 1	Test
P2244	- O2 Sensor Reference Voltage Performance - Bank 1, Sensor 1	Test
P2245	- O2 Sensor Reference Voltage Circuit Low - Bank 1, Sensor 1	Test
P2246	- O2 Sensor Reference Voltage Circuit High - Bank 1, Sensor 1	Test
P2247	- O2 Sensor Reference Voltage Circuit/ Open - Bank 2, Sensor 1	Test
P2248	- O2 Sensor Reference Voltage Performance - Bank 2, Sensor 1	Test
P2249	- O2 Sensor Reference Voltage Circuit Low - Bank 2, Sensor 1	Test
P2250	- O2 Sensor Reference Voltage Circuit High - Bank 2, Sensor 1	Test
P2251	- O2 Sensor Negative Current Control Circuit/ Open - Bank 1, Sensor 1	Test

P2252	- O2 Sensor Negative Current Control Circuit Low - Bank 1, Sensor 1	Test
P2253	- O2 Sensor Negative Current Control Circuit High - Bank 1, Sensor 1	Test
P2254	- O2 Sensor Negative Current Control Circuit/ Open - Bank 2, Sensor 1	Test
P2255	- O2 Sensor Negative Current Control Circuit Low - Bank 2, Sensor 1	Test
P2256	- O2 Sensor Negative Current Control Circuit High - Bank 2, Sensor 1	Test
P2257	- Secondary Air Injection System Control 'A' Circuit Low	Test
P2258	- Secondary Air Injection System Control 'A' Circuit High	Test
P2259	- Secondary Air Injection System Control 'B' Circuit Low	Test
P2260	- Secondary Air Injection System Control 'B' Circuit High	Test
P2261	- Turbo/ Super Charger Bypass Valve - Mechanical	
P2262	- Turbo/ Super Charger Boost Pressure Not Detected - Mechanical	Test
P2263	- Turbo/ Super Charge Boost System Performance	
P2264	- Water in Fuel Sensor Circuit	
P2265	- Water in Fuel Sensor Circuit Range/ Performance	
P2266	- Water in Fuel Sensor Circuit Low	
P2267	- Water in Fuel Sensor Circuit High	
P2268	- Water in Fuel Sensor Circuit Intermittent	
P2269	- Water in Fuel Condition	
P2270	- O2 Sensor Signal Stuck Lean - Bank 1, Sensor 2	Test
P2271	- O2 Sensor Signal Stuck Rich - Bank 1, Sensor 2	Test
P2272	- O2 Sensor Signal Stuck Lean - Bank 2, Sensor 2	Test
P2273	- O2 Sensor Signal Stuck Rich - Bank 2, Sensor 2	Test
P2274	- O2 Sensor Signal Stuck Lean - Bank 1, Sensor 3	Test
P2275	- O2 Sensor Signal Stuck Rich - Bank 1, Sensor 3	Test
P2276	- O2 Sensor Signal Stuck Lean - Bank 2, Sensor 3	Test
P2277	- O2 Sensor Signal Stuck Rich - Bank 2, Sensor 3	Test
P2278	- Oxygen Sensor Signals Swapped Bank 1 Sensor 3/ Bank 2 Sensor 3	Test
P2279	- Intake Air System Leak	Test
P2280	- Air Flow Restriction/ Air Leak Between Air Cleaner and MAF	
P2281	- Air Leak Between MAF and Throttle Body	
P2282	- Air Leak Between Throttle Body and Intake Valve	
P2283	- Injector Control Pressure Sensor Circuit	
	Injector Control Pressure Sensor Circuit Range/	

P2284	- 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 Too High	
P2289	- Injector Control Pressure Too High - Engine Off	
P2290	- Injector Control Pressure Too Low	
P2291	- Injector Control Pressure Too Low - Engine Cranking	
P2292	- Injector Control Pressure Erratic	
P2293	- Fuel Pressure Regulator 2 Performance	
P2294	- Fuel Pressure Regulator 2 Control Circuit	
P2295	- Fuel Pressure Regulator 2 Control Circuit Low	
P2296	- Fuel Pressure Regulator 2 Control Circuit High	
P2297	- O2 Sensor Out of Range During Deceleration Bank 1, Sensor 1	Test
P2298	- O2 Sensor Out of Range During Deceleration Bank 2, Sensor 1	Test
P2299	- Brake Pedal Position/ Accelerator Pedal Position Incompatible	
P2300	- Ignition Coil 'A' Primary Control Circuit Low	Test
P2301	- Ignition Coil 'A' Primary Control Circuit High	Test
P2302	- Ignition Coil 'A' Secondary Circuit	Test
P2303	- Ignition Coil 'B' Primary Control Circuit Low	Test
P2304	- Ignition Coil 'B' Primary Control Circuit High	Test
P2305	- Ignition Coil 'B' Secondary Circuit	Test
P2306	- Ignition Coil 'C' Primary Control Circuit Low	Test
P2307	- Ignition Coil 'C' Primary Control Circuit High	Test
P2308	- Ignition Coil 'C' Secondary Circuit	Test
P2309	- Ignition Coil 'D' Primary Control Circuit Low	Test
P2310	- Ignition Coil 'D' Primary Control Circuit High	Test
P2311	- Ignition Coil 'D' Secondary Circuit	Test
P2312	- Ignition Coil 'E' Primary Control Circuit Low	Test
P2313	- Ignition Coil 'E' Primary Control Circuit High	Test
P2314	- Ignition Coil 'E' Secondary Circuit	Test
P2315	- Ignition Coil 'F' Primary Control Circuit Low	Test
P2316	- Ignition Coil 'F' Primary Control Circuit High	Test
P2317	- Ignition Coil 'F' Secondary Circuit	Test
P2318	- Ignition Coil 'G' Primary Control Circuit Low	Test
P2319	- Ignition Coil 'G' Primary Control Circuit High	Test

P2320	- Ignition Coil 'G' Secondary Circuit	Test
P2321	- Ignition Coil 'H' Primary Control Circuit Low	Test
P2322	- Ignition Coil 'H' Primary Control Circuit High	Test
P2323	- Ignition Coil 'H' Secondary Circuit	Test
P2324	- Ignition Coil 'I' Primary Control Circuit Low	Test
P2325	- Ignition Coil 'I' Primary Control Circuit High	Test
P2326	- Ignition Coil 'I' Secondary Circuit	Test
P2327	- Ignition Coil 'J' Primary Control Circuit Low	Test
P2328	- Ignition Coil 'J' Primary Control Circuit High	Test
P2329	- Ignition Coil 'J' Secondary Circuit	Test
P2330	- Ignition Coil 'K' Primary Control Circuit Low	Test
P2331	- Ignition Coil 'K' Primary Control Circuit High	Test
P2332	- Ignition Coil 'K' Secondary Circuit	Test
P2333	- Ignition Coil 'L' Primary Control Circuit Low	Test
P2334	- Ignition Coil 'L' Primary Control Circuit High	Test
P2335	- Ignition Coil 'L' Secondary Circuit	Test
P2336	- Cylinder #1 Above Knock Threshold	Test
P2337	- Cylinder #2 Above Knock Threshold	Test
P2338	- Cylinder #3 Above Knock Threshold	Test
P2339	- Cylinder #4 Above Knock Threshold	Test
P2340	- Cylinder #5 Above Knock Threshold	Test
P2341	- Cylinder #6 Above Knock Threshold	Test
P2342	- Cylinder #7 Above Knock Threshold	Test
P2343	- Cylinder #8 Above Knock Threshold	Test
P2344	- Cylinder #9 Above Knock Threshold	Test
P2345	- Cylinder #10 Above Knock Threshold	Test
P2346	- Cylinder #11 Above Knock Threshold	Test
P2347	- Cylinder #12 Above Knock Threshold	Test
P2400	- Evaporative Emission System Leak Detection Pump Control Circuit/ Open	Test
P2401	- Evaporative Emission System Leak Detection Pump Control Circuit Low	Test
P2402	- Evaporative Emission System Leak Detection Pump Control Circuit High	Test
P2403	- Evaporative Emission System Leak Detection Pump Sense Circuit/ Open	Test
P2404	- Evaporative Emission System Leak Detection Pump Sense Circuit Range/ Performance	Test
P2405	- Evaporative Emission System Leak Detection Pump Sense Circuit Low	Test

P2406	- Evaporative Emission System Leak Detection Pump Sense Circuit High	Test
P2407	- Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/ Erratic	Test
P2408	- Fuel Cap Sensor/ Switch Circuit	
P2409	- Fuel Cap Sensor/ Switch Circuit Range/ Performance	
P2410	- Fuel Cap Sensor/ Switch Circuit Low	
P2411	- Fuel Cap Sensor/ Switch Circuit High	
P2412	- Fuel Cap Sensor/ Switch Circuit Intermittent/ Erratic	
P2413	- Exhaust Gas Recirculation System Performance	
P2414	- O2 Sensor Exhaust Sample Error Bank 1, Sensor 1	Test
P2415	- O2 Sensor Exhaust Sample Error Bank 2, Sensor 1	Test
P2416	- Oxygen Sensor Signals Swapped Bank 1 Sensor 2/ Bank 1 Sensor 3	Test
P2417	- Oxygen Sensor Signals Swapped Bank 2 Sensor 2/ Bank 2 Sensor 3	Test
P2418	- Evaporative Emission Control System Switching Valve Control Circuit/ Open	Test
P2419	- Evaporative Emission Control System Switching Valve Control Circuit Low	Test
P2420	- Evaporative Emission Control System Switching Valve Control Circuit High	Test
P2421	- Evaporative Emission Control System Vent Valve Stuck Open	Test
P2422	- Evaporative Emission Control System Vent Valve Stuck Closed	Test
P2423	- HC Absorption Catalyst Efficiency Below Threshold Bank 1	
P2424	- HC Absorption Catalyst Efficiency Below Threshold Bank 2	
P2425	- Exhaust Gas Recirculation Cooling Valve Control Circuit/ Open	
P2426	- Exhaust Gas Recirculation Cooling Valve Control Circuit Low	
P2427	- Exhaust Gas Recirculation Cooling Valve Control Circuit High	
P2428	- Exhaust Gas Temperature Too High Bank 1	
P2429	- Exhaust Gas Temperature Too High Bank 2	
P2430	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Bank 1	Test
P2431	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Range/ Performance Bank 1	Test
P2432	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Low Input Bank 1	Test

P2433	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit High Input Bank 1	Test
P2434	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Intermittent High Input Bank 1	Test
P2435	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Bank 2	Test
P2436	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Range/ Performance Bank 2	Test
P2437	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Low Input Bank 2	Test
P2438	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit High Input Bank 2	Test
P2439	- Secondary Air Injection System Air Flow/ Pressure Sensor Circuit Intermittent High Input Bank 2	Test
P2440	- Secondary Air Injection System Switching Valve Stuck Open Bank 1	Test
P2441	- Secondary Air Injection System Switching Valve Stuck Closed Bank 1	Test
P2442	- Secondary Air Injection System Switching Valve Stuck Open Bank 2	Test
P2443	- Secondary Air Injection System Switching Valve Stuck Closed Bank 2	Test
P2444	- Secondary Air Injection System Pump Stuck On Bank 1	Test
P2445	- Secondary Air Injection System Pump Stuck Off Bank 1	Test
P2446	- Secondary Air Injection System Pump Stuck On Bank 2	Test
P2447	- Secondary Air Injection System Pump Stuck Off Bank 2	Test
P2448	- Secondary Air Injection System High Airflow Bank 1	Test
P2449	- Secondary Air Injection System High Airflow Bank 2	Test
P2450	- Evaporative Emission System Switching Valve Performance or Stuck Open	Test
P2451	- Evaporative Emission System Switching Valve Stuck Closed	Test
P2452	- Particulate Matter Trap Differential Pressure Sensor Circuit	
P2453	- Particulate Matter Trap Differential Pressure Sensor Circuit Range/ Performance	
P2454	- Particulate Matter Trap Differential Pressure Sensor Circuit Low	
P2455	- Particulate Matter Trap Differential Pressure Sensor Circuit High	
P2456	- Particulate Matter Trap Differential Pressure Sensor Circuit Intermittent/ Erratic	
P2457	- Exhaust Gas Recirculation Cooler System Performance	

P2500	- Generator Lamp Terminal Circuit Low	
P2501	- Generator Lamp Terminal Circuit High	
P2502	- Charging System Voltage	Test
P2503	- Charging System Voltage Low	Test
P2504	- Charging System Voltage High	Test
P2505	- ECM/ PCM Power Input Signal	Test
P2506	- ECM/ PCM Power Input Signal Range/ Performance	Test
P2507	- ECM/ PCM Power Input Signal Low	Test
P2508	- ECM/ PCM Power Input Signal High	Test
P2509	- ECM/ PCM Power Input Signal Intermittent	Test
P250A	- Engine Oil Level Sensor Circuit	Test
P250B	- Engine Oil Level Sensor Circuit Range/ Performance	Test
P250C	- Engine Oil Level Sensor Circuit Low	Test
P250D	- Engine Oil Level Sensor Circuit High	Test
P250E	- Engine Oil Level Sensor Circuit Intermittent/ Erratic	Test
P250F	- Engine Oil Level Too Low	Test
P2510	- ECM/ PCM Power Relay Sense Circuit Range/ Performance	Test
P2511	- ECM/ PCM Power Relay Sense Circuit Intermittent	Test
P2512	- Event Data Recorder Request Circuit/ Open	
P2513	- Event Data Recorder Request Circuit Low	
P2514	- Event Data Recorder Request Circuit High	
P2515	- A/C Refrigerant Pressure Sensor 'B' Circuit	Test
P2516	- A/C Refrigerant Pressure Sensor 'B' Circuit Range/ Performance	Test
P2517	- A/C Refrigerant Pressure Sensor 'B' Circuit Low Input	Test
P2518	- A/C Refrigerant Pressure Sensor 'B' Circuit High Input	Test
P2519	- A/C Request 'A' Circuit	Test
P251A	- PTO Enable Switch Circuit/ Open	
P251B	- PTO Enable Switch Circuit Low	
P251C	- PTO Enable Switch Circuit High	
P251D	- PTO Engine Shutdown Circuit/ Open	
P251E	- PTO Engine Shutdown Circuit Low	
P251F	- PTO Engine Shutdown Circuit High	
P2520	- A/C Request 'A' Circuit Low	Test
P2521	- A/C Request 'A' Circuit High	Test
P2522	- A/C Request 'B' Circuit	Test
P2523	- A/C Request 'B' Circuit Low	Test
P2524	- A/C Request 'B' Circuit High	Test
P2525	- Vacuum Reservoir Pressure Sensor Circuit	

P2526	- Vacuum Reservoir Pressure Sensor Circuit Range/ Performance
P2527	- Vacuum Reservoir Pressure Sensor Circuit Low
P2528	- Vacuum Reservoir Pressure Sensor Circuit High
P2529	- Vacuum Reservoir Pressure Sensor Circuit Intermittent
P252A	- Engine Oil Quality Sensor Circuit
P252B	- Engine Oil Quality Sensor Circuit Range/ Performance
P252C	- Engine Oil Quality Sensor Circuit Low
P252D	- Engine Oil Quality Sensor Circuit High
P252E	- Engine Oil Quality Circuit Intermittent/ Erratic
P252F	- Engine Oil Level Too High
P2530	- Ignition Switch Run Position Circuit
P2531	- Ignition Switch Run Position Circuit Low
P2532	- Ignition Switch Run Position Circuit High
P2533	- Ignition Switch Run/ Start Position Circuit
P2534	- Ignition Switch Run/ Start Position Circuit Low
P2535	- Ignition Switch Run/ Start Position Circuit High
P2536	- Ignition Switch Accessory Position Circuit
P2537	- Ignition Switch Accessory Position Circuit Low
P2538	- Ignition Switch Accessory Position Circuit High
P2539	- Low Pressure Fuel System Sensor Circuit
P253A	- PTO Sense Circuit/ Open
P253B	- PTO Sense Circuit Range/ Performance
P253C	- PTO Sense Circuit Low
P253D	- PTO Sense Circuit High
P253E	- PTO Sense Circuit Intermittent/ Erratic
P2540	- Low Pressure Fuel System Sensor Circuit Range/ Performance
P2541	- Low Pressure Fuel System Sensor Circuit Low Input
P2542	- Low Pressure Fuel System Sensor Circuit High Input
P2543	- Low Pressure Fuel System Sensor Circuit Intermittent
P2544	- Torque Management Request Input Signal 'A'
P2545	- Torque Management Request Input Signal 'A' Range/ Performance
P2546	- Torque Management Request Input Signal 'A' Low
P2547	- Torque Management Request Input Signal 'A' High
P2548	- Torque Management Request Input Signal 'B'
P2549	- Torque Management Request Input Signal 'B' Range/ Performance

P254A	- PTO Speed Selector Sensor/ Switch 1 Circuit/ Open	
P254B	- PTO Speed Selector Sensor/ Switch 1 Circuit Range/ Performance	
P254C	- PTO Speed Selector Sensor/ Switch 1 Circuit Low	
P254D	- PTO Speed Selector Sensor/ Switch 1 Circuit High	
P254E	- PTO Speed Selector Sensor/ Switch 1 Circuit Intermittent/ Erratic	
P2550	- Torque Management Request Input Signal 'B' Low	
P2551	- Torque Management Request Input Signal 'B' High	
P2552	- Throttle/ Fuel Inhibit Circuit/ Open	
P2553	- Throttle/ Fuel Inhibit Circuit Range/ Performance	
P2554	- Throttle/ Fuel Inhibit Circuit Low	
P2555	- Throttle/ Fuel Inhibit Circuit High	
P2556	- Engine Coolant Level Sensor/ Switch Circuit	
P2557	- Engine Coolant Level Sensor/ Switch Circuit Range/ Performance	
P2558	- Engine Coolant Level Sensor/ Switch Circuit Low	
P2559	- Engine Coolant Level Sensor/ Switch Circuit High	
P255A	- PTO Speed Selector Sensor/ Switch 2 Circuit/ Open	
P255B	- PTO Speed Selector Sensor/ Switch 2 Circuit Range/ Performance	
P255C	- PTO Speed Selector Sensor/ Switch 2 Circuit Low	
P255D	- PTO Speed Selector Sensor/ Switch 2 Circuit High	
P255E	- PTO Speed Selector Sensor/ Switch 2 Circuit Intermittent/ Erratic	
P2560	- Engine Coolant Level Low	
P2561	- A/C Control Module Requested MIL Illumination	Test
P2562	- Turbocharger Boost Control Position Sensor 'A' Circuit	
P2563	- Turbocharger Boost Control Position Sensor 'A' Circuit Range/ Performance	
P2564	- Turbocharger Boost Control Position Sensor 'A' Circuit Low	
P2565	- Turbocharger Boost Control Position Sensor 'A' Circuit High	
P2566	- Turbocharger Boost Control Position Sensor 'A' Circuit Intermittent	
P2567	- Direct Ozone Reduction Catalyst Temperature Sensor Circuit	
P2568	- Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/ Performance	
P2569	- Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low	
P256A	- Engine Idle Speed Selector Sensor/ Switch Circuit/ Open	

P256B	- Engine Idle Speed Selector Sensor/ Switch Circuit Range/ Performance
P256C	- Engine Idle Speed Selector Sensor/ Switch Circuit Low
P256D	- Engine Idle Speed Selector Sensor/ Switch Circuit High
P256E	- Engine Idle Speed Selector Sensor/ Switch Circuit Intermittent/ Erratic
P2570	- Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P2571	- Direct Ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/ Erratic
P2572	- Direct Ozone Reduction Catalyst Deterioration Sensor Circuit
P2573	- Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Range/ Performance
P2574	- Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low
P2575	- Direct Ozone Reduction Catalyst Deterioration Sensor Circuit High
P2576	- Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Intermittent/ Erratic
P2577	- Direct Ozone Reduction Catalyst Efficiency Below Threshold
P2578	- Turbocharger Speed Sensor Circuit
P2579	- Turbocharger Speed Sensor Circuit Range/ Performance
P2580	- Turbocharger speed sensor circuit low
P2581	- Turbocharger speed sensor circuit high
P2582	- Turbocharger Speed Sensor Intermittent
P2583	- Cruise Control Front Distance Range Sensor
P2584	- Fuel Additive Control Module MIL Request
P2585	- Fuel Additive Control Module Warning Lamp Request
P2586	- Turbocharger Boost Control Position Sensor 'B' Circuit
P2587	- Turbocharger Boost Control Position Sensor 'B' Circuit Range/ Performance
P2588	- Turbocharger Boost Control Position Sensor 'B' Circuit Low
P2589	- Turbocharger Boost Control Position Sensor 'B' Circuit High
P2590	- Turbocharger Boost Control Position Sensor 'B' Circuit Intermittent
P2600	- Coolant Pump Control Circuit/ Open
P2601	- Coolant Pump Control Circuit Range/ Performance
P2602	- Coolant Pump Control Circuit Low
P2603	- Coolant Pump Control Circuit High
P2604	- Intake Air Heater 'A' Circuit Range/ Performance

P2605	- Intake Air Heater 'B' Circuit/ Open	
P2606	- Intake Air Heater 'B' Circuit Range/ Performance	
P2607	- Intake Air Heater 'B' Circuit Low	
P2608	- Intake Air Heater 'B' Circuit High	
P2609	- Intake Air Heater System Performance	
P260A	- PTO Control Circuit/ Open	
P260B	- PTO Control Circuit Low	
P260C	- PTO Control Circuit High	
P260D	- PTO Engaged Lamp Control Circuit	
P2610	- ECM/ PCM Internal Engine Off Timer Performance	
P2611	- A/C Refrigerant Distribution Valve Control Circuit/ Open	Test
P2612	- A/C Refrigerant Distribution Valve Control Circuit Low	Test
P2613	- A/C Refrigerant Distribution Valve Control Circuit High	Test
P2614	- Camshaft Position Output Circuit/ Open	Test
P2615	- Camshaft Position Output Circuit Low	Test
P2616	- Camshaft Position Output Circuit high	Test
P2617	- Crankshaft Position Output Circuit/ Open	Test
P2618	- Crankshaft Position Output Circuit Low	Test
P2619	- Crankshaft Position Output Circuit high	Test
P2620	- Throttle Position Output Circuit/ Open	Test
P2621	- Throttle Position Output Circuit Low	Test
P2622	- Throttle Position Output Circuit High	Test
P2623	- Injector Control Pressure Regulator/ Open	
P2624	- Injector Control Pressure Regulator Low	
P2625	- Injector Control Pressure Regulator High	
P2626	- O2 Sensor Positive Current Trim Circuit/ Open Bank 1 Sensor 1	Test
P2627	- O2 Sensor Positive Current Trim Circuit Low Bank 1, Sensor 1	Test
P2628	- O2 Sensor Positive Current Trim Circuit High Bank 1, Sensor 1	Test
P2629	- O2 Sensor Positive Current Trim Circuit/ Open Bank 2 Sensor 1	Test
P2630	- O2 Sensor Positive Current Trim Circuit Low Bank 2, Sensor 1	Test
P2631	- O2 Sensor Positive Current Trim Circuit High Bank 2, Sensor 1	Test
P2632	- Fuel Pump 'B' Control Circuit/ Open	Test
P2633	- Fuel Pump 'B' Control Circuit Low	Test
P2634	- Fuel Pump 'B' Control Circuit High	Test

P2635	- Fuel Pump 'A' Low Flow/ Performance	Test
P2636	- Fuel Pump 'B' Low Flow/ Performance	Test
P2637	- Torque Management Feedback Signal 'A'	
P2638	- Torque Management Feedback Signal 'A' Range/ Performance	
P2639	- Torque Management Feedback Signal 'A' Low	
P2640	- Torque Management Feedback Signal 'A' High	
P2641	- Torque Management Feedback Signal 'B'	
P2642	- Torque Management Feedback Signal 'B' Range/ Performance	
P2643	- Torque Management Feedback Signal 'B' Low	
P2644	- Torque Management Feedback Signal 'B' High	
P2645	- A Rocker Arm Actuator Control Circuit/ Open Bank 1	
P2646	- A Rocker Arm Actuator Control System Performance or Stuck Off Bank 1	
P2647	- A Rocker Arm Actuator Control System Stuck On Bank 1	
P2648	- A Rocker Arm Actuator Control Circuit Low Bank 1	
P2649	- A Rocker Arm Actuator Control Circuit High Bank 1	
P2650	- B Rocker Arm Actuator Control Circuit/ Open Bank 1	
P2651	- B Rocker Arm Actuator Control System Performance or Stuck Off Bank 1	
P2652	- B Rocker Arm Actuator Control System Stuck On Bank 1	
P2653	- B Rocker Arm Actuator Control Circuit Low Bank 1	
P2654	- B Rocker Arm Actuator Control Circuit High Bank 1	
P2655	- A Rocker Arm Actuator Control Circuit/ Open Bank 2	
P2656	- A Rocker Arm Actuator Control System Performance or Stuck Off Bank 2	
P2657	- A Rocker Arm Actuator Control System Stuck On Bank 2	
P2658	- A Rocker Arm Actuator Control Circuit Low Bank 2	
P2659	- A Rocker Arm Actuator Control Circuit High Bank 2	
P2660	- B Rocker Arm Actuator Control Circuit/ Open Bank 2	
P2661	- B Rocker Arm Actuator Control System Performance or Stuck Off Bank 2	
P2662	- B Rocker Arm Actuator Control System Stuck On Bank 2	
P2663	- B Rocker Arm Actuator Control Circuit Low Bank 2	
P2664	- B Rocker Arm Actuator Control Circuit High Bank 2	
P2665	- Fuel Shutoff Valve 'B' Control Circuit/ Open	Test
P2666	- Fuel Shutoff Valve 'B' Control Circuit Low	Test
P2667	- Fuel Shutoff Valve 'B' Control Circuit High	Test
P2668	- Fuel Indicator Lamp Control Circuit	

P2669	- Actuator Supply Voltage 'B' Circuit/ Open	
P2670	- Actuator Supply Voltage 'B' Circuit Low	
P2671	- Actuator Supply Voltage 'B' Circuit High	
P2672	- Injection Pump Timing Offset	
P2673	- Injection Pump Timing Calibration Not Learned	
P2674	- Injection Pump Fuel Calibration Not Learned	
P2675	- Air Cleaner Inlet Control Circuit/ Open	
P2676	- Air Cleaner Inlet Control Circuit Low	
P2677	- Air Cleaner Inlet Control Circuit High	
P2678	- Coolant Degassing Valve Control Circuit/ Open	
P2679	- Coolant Degassing Valve Control Circuit Low	
P2680	- Coolant Degassing Valve Control Circuit High	
P2681	- Engine Coolant Bypass Valve Control Circuit/ Open	
P2682	- Engine Coolant Bypass Valve Control Circuit Low	
P2683	- Engine Coolant Bypass Valve Control 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'	Test
P2707	- Shift Solenoid 'F' Performance or Stuck Off	Test
P2708	- Shift Solenoid 'F' Stuck On	Test
P2709	- Shift Solenoid 'F' Electrical	Test
P2710	- Shift Solenoid 'F' Intermittent	Test
P2711	- Unexpected Mechanical Gear Disengagement	
P2712	- Hydraulic Pressure Unit Leakage	
P2713	- Pressure Control Solenoid 'D'	Test
P2714	- Pressure Control Solenoid 'D' Performance or Stuck Off	Test
P2715	- Pressure Control Solenoid 'D' Stuck On	Test
P2716	- Pressure Control Solenoid 'D' Electrical	Test
P2717	- Pressure Control Solenoid 'D' Intermittent	Test
P2718	- Pressure Control Solenoid 'D' Control Circuit/ Open	Test

P2719	- Pressure Control Solenoid 'D' Control Circuit Range/ Performance	Test
P2720	- Pressure Control Solenoid 'D' Control Circuit Low	Test
P2721	- Pressure Control Solenoid 'D' Control Circuit High	Test
P2722	- Pressure Control Solenoid 'E'	Test
P2723	- Pressure Control Solenoid 'E' Performance or Stuck Off	Test
P2724	- Pressure Control Solenoid 'E' Stuck On	Test
P2725	- Pressure Control Solenoid 'E' Electrical	Test
P2726	- Pressure Control Solenoid 'E' Intermittent	Test
P2727	- Pressure Control Solenoid 'E' Control Circuit/ Open	Test
P2728	- Pressure Control Solenoid 'E' Control Circuit Range/ Performance	Test
P2729	- Pressure Control Solenoid 'E' Control Circuit Low	Test
P2730	- Pressure Control Solenoid 'E' Control Circuit High	Test
P2731	- Pressure Control Solenoid 'F'	Test
P2732	- Pressure Control Solenoid 'F' Performance or Stuck Off	Test
P2733	- Pressure Control Solenoid 'F' Stuck On	Test
P2734	- Pressure Control Solenoid 'F' Electrical	Test
P2735	- Pressure Control Solenoid 'F' Intermittent	Test
P2736	- Pressure Control Solenoid 'F' Control Circuit/ Open	Test
P2737	- Pressure Control Solenoid 'F' Control Circuit Range/ Performance	Test
P2738	- Pressure Control Solenoid 'F' Control Circuit Low	Test
P2739	- Pressure Control Solenoid 'F' Control Circuit High	Test
P2740	- Transmission Fluid Temperature Sensor 'B' Circuit	Test
P2741	- Transmission Fluid Temperature Sensor 'B' Circuit Range/ Performance	Test
P2742	- Transmission Fluid Temperature Sensor 'B' Circuit Low Input	Test
P2743	- Transmission Fluid Temperature Sensor 'B' Circuit High Input	Test
P2744	- Transmission Fluid Temperature Sensor 'B' Circuit Intermittent	Test
P2745	- Intermediate Shaft Speed Sensor 'B' Circuit	Test
P2746	- Intermediate Shaft Speed Sensor 'B' Circuit Range/ Performance	Test
P2747	- Intermediate Shaft Speed Sensor 'B' Circuit No Signal	Test
P2748	- Intermediate Shaft Speed Sensor 'B' Circuit Intermittent	Test
P2749	- Intermediate Shaft Speed Sensor 'C' Circuit	Test
P2750	- Intermediate Shaft Speed Sensor 'C' Circuit Range/ Performance	Test

P2751	- Intermediate Shaft Speed Sensor 'C' Circuit No Signal	Test
P2752	- Intermediate Shaft Speed Sensor 'C' Circuit Intermittent	Test
P2753	- Transmission Fluid Cooler Control Circuit/ Open	
P2754	- Transmission Fluid Cooler Control Circuit Low	
P2755	- Transmission Fluid Cooler Control Circuit High	
P2756	- Torque Converter Clutch Pressure Control Solenoid	Test
P2757	- Torque Converter Clutch Pressure Control Solenoid Control Circuit Perf or Stuck Off	Test
P2758	- Torque Converter Clutch Pressure Control Solenoid Stuck On	Test
P2759	- Torque Converter Clutch Pressure Control Solenoid Electrical	Test
P2760	- Torque Converter Clutch Pressure Control Solenoid Intermittent	Test
P2761	- Torque Converter Clutch Pressure Control Solenoid Control Circuit/ Open	Test
P2762	- Torque Converter Clutch Pressure Control Solenoid Control Circuit Range/ Perf	Test
P2763	- Torque Converter Clutch Pressure Control Solenoid Control Circuit High	Test
P2764	- Torque Converter Clutch Pressure Control Solenoid Control Circuit Low	Test
P2765	- Input/ Turbine Speed Sensor 'B' Circuit	Test
P2766	- Input/ Turbine Speed Sensor 'B' Circuit Range/ Performance	Test
P2767	- Input/ Turbine Speed Sensor 'B' Circuit No Signal	Test
P2768	- Input/ Turbine Speed Sensor 'B' Circuit Intermittent	Test
P2769	- Torque Converter Clutch Circuit Low	
P2770	- Torque Converter Clutch Circuit High	
P2771	- Four Wheel Drive (4WD) Low Switch Circuit	
P2772	- Four Wheel Drive (4WD) Low Switch Circuit Range/ Performance	
P2773	- Four Wheel Drive (4WD) Low Switch Circuit Low	
P2774	- Four Wheel Drive (4WD) Low Switch Circuit High	
P2775	- Upshift Switch Circuit Range/ Performance	Test
P2776	- Upshift Switch Circuit Low	Test
P2777	- Upshift Switch Circuit High	Test
P2778	- Upshift Switch Circuit Intermittent/ Erratic	Test
P2779	- Downshift Switch Circuit Range/ Performance	
P2780	- Downshift Switch Circuit Low	
P2781	- Downshift Switch Circuit High	

P2782	- Downshift Switch Circuit Intermittent/ Erratic	
P2783	- Torque Converter Temperature Too High	
P2784	- Input/ Turbine Speed Sensor 'A'/ 'B' Correlation	Test
P2785	- Clutch Actuator Temperature Too High	
P2786	- Gear Shift Actuator Temperature Too High	
P2787	- Clutch Temperature Too High	
P2788	- Auto Shift Manual Adaptive Learning at Limit	
P2789	- Clutch Adaptive Learning at Limit	
P2790	- Gate Select Direction Circuit	
P2791	- Gate Select Direction Circuit Low	
P2792	- Gate Select Direction Circuit High	
P2793	- Gear Shift Direction Circuit	
P2794	- Gear Shift Direction Circuit Low	
P2795	- Gear Shift Direction Circuit High	
P2796	- Auxiliary Transmission Fluid Pump Control Circuit	
P2797	- Auxiliary Transmission Fluid Pump Circuit Performance	
P2798	- Auxiliary Transmission Fluid Pump Control Circuit Low	
P2799	- Auxiliary Transmission Fluid Pump Control Circuit High	
P2800	- Transmission Range Sensor 'B' Circuit (PRNDL Input)	
P2801	- Transmission Range Sensor 'B' Circuit Range/ Performance	
P2802	- Transmission Range Sensor 'B' Circuit Low Input	
P2803	- Transmission Range Sensor 'B' Circuit High Input	
P2804	- Transmission Range Sensor 'B' Circuit Intermittent	
P2805	- Transmission Range Sensor 'A'/ 'B' Correlation	
P2806	- Transmission Range Sensor Alignment	
P2807	- Pressure Control Solenoid 'G'	Test
P2808	- Pressure Control Solenoid 'G' Performance or Stuck Off	Test
P2809	- Pressure Control Solenoid 'G' Stuck On	Test
P2810	- Pressure Control Solenoid 'G' Electrical	Test
P2811	- Pressure Control Solenoid 'G' Intermittent	Test
P2812	- Pressure Control Solenoid 'G' Control Circuit/ Open	Test
P2813	- Pressure Control Solenoid 'G' Control Circuit Range/ Performance	Test
P2814	- Pressure Control Solenoid 'G' Control Circuit Low	Test
P2815	- Pressure Control Solenoid 'G' Control Circuit High	Test
P2A00	- O2 Circuit Range/ Performance (Bank 1, Sensor 1)	Test
P2A01	- O2 Circuit Range/ Performance (Bank 1, Sensor 2)	Test
P2A02	- O2 Circuit Range/ Performance (Bank 1, Sensor 3)	Test
P2A03	- O2 Circuit Range/ Performance (Bank 2, Sensor 1)	Test

P2A04	- O2 Circuit Range/ Performance (Bank 2, Sensor 2)	Test
P2A05	- O2 Circuit Range/ Performance (Bank 2, Sensor 3)	Test
P2A06	- O2 Circuit Negative Voltage (Bank 1, Sensor 1)	Test
P2A07	- O2 Circuit Negative Voltage (Bank 1, Sensor 2)	Test
P2A08	- O2 Circuit Negative Voltage (Bank 1, Sensor 3)	Test
P2A09	- O2 Circuit Negative Voltage (Bank 2, Sensor 1)	Test
P2A10	- O2 Circuit Negative Voltage (Bank 2, Sensor 2)	Test
P2A11	- O2 Circuit Negative Voltage (Bank 2, Sensor 3)	Test
P3400	- Cylinder Deactivation System Bank 1	
P3401	- Cylinder 1 Deactivation/ Intake Valve Control Circuit/ Open	
P3402	- Cylinder 1 Deactivation/ Intake Valve Control Circuit Performance	
P3403	- Cylinder 1 Deactivation/ Intake Valve Control Circuit Low	
P3404	- Cylinder 1 Deactivation/ Intake Valve Control Circuit High	
P3405	- Cylinder 1 Exhaust Valve Control Circuit	
P3406	- Cylinder 1 Exhaust Valve Control Circuit Performance	
P3407	- Cylinder 1 Exhaust Valve Control Circuit Low	
P3408	- Cylinder 1 Exhaust Valve Control Circuit High	
P3409	- Cylinder 2 Deactivation/ Intake Valve Control Circuit/ Open	
P3410	- Cylinder 2 Deactivation/ Intake Valve Control Circuit Performance	
P3411	- Cylinder 2 Deactivation/ Intake Valve Control Circuit Low	
P3412	- Cylinder 2 Deactivation/ Intake Valve Control Circuit High	
P3413	- Cylinder 2 Exhaust Valve Control Circuit	
P3414	- Cylinder 2 Exhaust Valve Control Circuit Performance	
P3415	- Cylinder 2 Exhaust Valve Control Circuit Low	
P3416	- Cylinder 2 Exhaust Valve Control Circuit High	
P3417	- Cylinder 3 Deactivation/ Intake Valve Control Circuit/ Open	
P3418	- Cylinder 3 Deactivation/ Intake Valve Control Circuit Performance	
P3419	- Cylinder 3 Deactivation/ Intake Valve Control Circuit Low	
P3420	- Cylinder 3 Deactivation/ Intake Valve Control Circuit High	
P3421	- Cylinder 3 Exhaust Valve Control Circuit	
P3422	- Cylinder 3 Exhaust Valve Control Circuit Performance	
P3423	- Cylinder 3 Exhaust Valve Control Circuit Low	
P3424	- Cylinder 3 Exhaust Valve Control Circuit High	
P3425	- Cylinder 4 Deactivation/ Intake Valve Control Circuit/ Open	
P3426	- Cylinder 4 Deactivation/ Intake Valve Control Circuit Performance	

- P3427 - Cylinder 4 Deactivation/ Intake Valve Control Circuit Low
- P3428 - Cylinder 4 Deactivation/ Intake Valve Control Circuit High
- P3429 - Cylinder 4 Exhaust Valve Control Circuit
- P3430 - Cylinder 4 Exhaust Valve Control Circuit Performance
- P3431 - Cylinder 4 Exhaust Valve Control Circuit Low
- P3432 - Cylinder 4 Exhaust Valve Control Circuit High
- P3433 - Cylinder 5 Deactivation/ Intake Valve Control Circuit/ Open
- P3434 - Cylinder 5 Deactivation/ Intake Valve Control Circuit
Performance
- P3435 - Cylinder 5 Deactivation/ Intake Valve Control Circuit Low
- P3436 - Cylinder 5 Deactivation/ Intake Valve Control Circuit High
- P3437 - Cylinder 5 Exhaust Valve Control Circuit
- P3438 - Cylinder 5 Exhaust Valve Control Circuit Performance
- P3439 - Cylinder 5 Exhaust Valve Control Circuit Low
- P3440 - Cylinder 5 Exhaust Valve Control Circuit High
- P3441 - Cylinder 6 Deactivation/ Intake Valve Control Circuit/ Open
- P3442 - Cylinder 6 Deactivation/ Intake Valve Control Circuit
Performance
- P3443 - Cylinder 6 Deactivation/ Intake Valve Control Circuit Low
- P3444 - Cylinder 6 Deactivation/ Intake Valve Control Circuit High
- P3445 - Cylinder 6 Exhaust Valve Control Circuit
- P3446 - Cylinder 6 Exhaust Valve Control Circuit Performance
- P3447 - Cylinder 6 Exhaust Valve Control Circuit Low
- P3448 - Cylinder 6 Exhaust Valve Control Circuit High
- P3449 - Cylinder 7 Deactivation/ Intake Valve Control Circuit/ Open
- P3450 - Cylinder 7 Deactivation/ Intake Valve Control Circuit
Performance
- P3451 - Cylinder 7 Deactivation/ Intake Valve Control Circuit Low
- P3452 - Cylinder 7 Deactivation/ Intake Valve Control Circuit High
- P3453 - Cylinder 7 Exhaust Valve Control Circuit
- P3454 - Cylinder 7 Exhaust Valve Control Circuit Performance
- P3455 - Cylinder 7 Exhaust Valve Control Circuit Low
- P3456 - Cylinder 7 Exhaust Valve Control Circuit High
- P3457 - Cylinder 8 Deactivation/ Intake Valve Control Circuit/ Open
- P3458 - Cylinder 8 Deactivation/ Intake Valve Control Circuit
Performance
- P3459 - Cylinder 8 Deactivation/ Intake Valve Control Circuit Low
- P3460 - Cylinder 8 Deactivation/ Intake Valve Control Circuit High
- P3461 - Cylinder 8 Exhaust Valve Control Circuit

- P3462 - Cylinder 8 Exhaust Valve Control Circuit Performance
- P3463 - Cylinder 8 Exhaust Valve Control Circuit Low
- P3464 - Cylinder 8 Exhaust Valve Control Circuit High
- P3465 - Cylinder 9 Deactivation/ Intake Valve Control Circuit/ Open
- P3466 - Cylinder 9 Deactivation/ Intake Valve Control Circuit
Performance
- P3467 - Cylinder 9 Deactivation/ Intake Valve Control Circuit Low
- P3468 - Cylinder 9 Deactivation/ Intake Valve Control Circuit High
- P3469 - Cylinder 9 Exhaust Valve Control Circuit
- P3470 - Cylinder 9 Exhaust Valve Control Circuit Performance
- P3471 - Cylinder 9 Exhaust Valve Control Circuit Low
- P3472 - Cylinder 9 Exhaust Valve Control Circuit High
- P3473 - Cylinder 10 Deactivation/ Intake Valve Control Circuit/ Open
- P3474 - Cylinder 10 Deactivation/ Intake Valve Control Circuit
Performance
- P3475 - Cylinder 10 Deactivation/ Intake Valve Control Circuit Low
- P3476 - Cylinder 10 Deactivation/ Intake Valve Control Circuit High
- P3477 - Cylinder 10 Exhaust Valve Control Circuit
- P3478 - Cylinder 10 Exhaust Valve Control Circuit Performance
- P3479 - Cylinder 10 Exhaust Valve Control Circuit Low
- P3480 - Cylinder 10 Exhaust Valve Control Circuit High
- P3481 - Cylinder 11 Deactivation/ Intake Valve Control Circuit/ Open
- P3482 - Cylinder 11 Deactivation/ Intake Valve Control Circuit
Performance
- P3483 - Cylinder 11 Deactivation/ Intake Valve Control Circuit Low
- P3484 - Cylinder 11 Deactivation/ Intake Valve Control Circuit High
- P3485 - Cylinder 11 Exhaust Valve Control Circuit
- P3486 - Cylinder 11 Exhaust Valve Control Circuit Performance
- P3487 - Cylinder 11 Exhaust Valve Control Circuit Low
- P3488 - Cylinder 11 Exhaust Valve Control Circuit High
- P3489 - Cylinder 12 Deactivation/ Intake Valve Control Circuit/ Open
- P3490 - Cylinder 12 Deactivation/ Intake Valve Control Circuit
Performance
- P3491 - Cylinder 12 Deactivation/ Intake Valve Control Circuit Low
- P3492 - Cylinder 12 Deactivation/ Intake Valve Control Circuit High
- P3493 - Cylinder 12 Exhaust Valve Control Circuit
- P3494 - Cylinder 12 Exhaust Valve Control Circuit Performance
- P3495 - Cylinder 12 Exhaust Valve Control Circuit Low
- P3496 - Cylinder 12 Exhaust Valve Control Circuit High

P3497	- Cylinder Deactivation System Bank 2	
U0001	- High Speed CAN Communication Bus	Test
U0002	- High Speed CAN Communication Bus Performance	Test
U0003	- High Speed CAN Communication Bus (+) Open	Test
U0004	- High Speed CAN Communication Bus (+) Low	Test
U0005	- High Speed CAN Communication Bus (+) High	Test
U0006	- High Speed CAN Communication Bus (-) Open	Test
U0007	- High Speed CAN Communication Bus (-) Low	Test
U0008	- High Speed CAN Communication Bus (-) High	Test
U0009	- High Speed CAN Communication Bus (-) shorted to Bus (+)	Test
U0010	- Medium Speed CAN Communication Bus	Test
U0011	- Medium Speed CAN Communication Bus Performance	Test
U0012	- Medium Speed CAN Communication Bus (+) Open	Test
U0013	- Medium Speed CAN Communication Bus (+) Low	Test
U0014	- Medium Speed CAN Communication Bus (+) High	Test
U0015	- Medium Speed CAN Communication Bus (-) Open	Test
U0016	- Medium Speed CAN Communication Bus (-) Low	Test
U0017	- Medium Speed CAN Communication Bus (-) High	Test
U0018	- Medium Speed CAN Communication Bus (-) shorted to Bus (+)	Test
U0019	- Low Speed CAN Communication Bus	Test
U0020	- Low Speed CAN Communication Bus Performance	Test
U0021	- Low Speed CAN Communication Bus (+) Open	Test
U0022	- Low Speed CAN Communication Bus (+) Low	Test
U0023	- Low Speed CAN Communication Bus (+) High	Test
U0024	- Low Speed CAN Communication Bus (-) Open	Test
U0025	- Low Speed CAN Communication Bus (-) Low	Test
U0026	- Low Speed CAN Communication Bus (-) High	Test
U0027	- Low Speed CAN Communication Bus (-) shorted to Bus (+)	Test
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
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 - Lost Communications with Coolant Temperature Control Module
- U0117 - Lost Communications With Electrical PTO Control Module
- U0118 - Lost Communications With Fuel Additive Control Module
- U0119 - Lost Communication With Fuel Cell Control Module
- U0120 - Lost Communication with Starter/ Generator Control Module
- 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
- U0129 - Lost Communication With Brake System Control Module
- U0130 - Lost Communication With Steering Effort Control Module
- U0131 - Lost Communication With Power Steering Control Module
- U0132 - Lost Communication With Ride Level Control Module
- U0133 - Lost Communication With Active Roll Control Module
- U0134 - Lost Communication With Power Steering Control Module Rear
- U0135 - Lost Communication With Differential Control Module Front

- U0136 - Lost Communication With Differential Control Module Rear
- U0137 - Lost Communication With Trailer Brake Control Module
- U0138 - Lost Communication With All Terrain Control Module
- U0140 - Lost Communication With Body Control Module
- U0141 - Lost Communication With Body Control Module 'A'
- U0142 - Lost Communication With Body Control Module 'B'
- U0143 - Lost Communication With Body Control Module 'C'
- U0144 - Lost Communication With Body Control Module 'D'
- U0145 - Lost Communication With Body Control Module 'E'
- U0146 - Lost Communication With Gateway 'A'
- U0147 - Lost Communication With Gateway 'B'
- U0148 - Lost Communication With Gateway 'C'
- U0149 - Lost Communication With Gateway 'D'
- U0150 - Lost Communication With Gateway 'E'
- U0151 - Lost Communication With Restraints Control Module
- U0152 - Lost Communication With Side Restraints Control Module
- U0153 - Lost Communication With Side Restraints Control Module
- U0154 - Lost Communication With Restraints Occupant Classification System Module
- U0155 - Lost Communication With Instrument Panel Cluster (IPC) Control Module
- U0156 - Lost Communication With Information Centre 'A'
- U0157 - Lost Communication With Information Centre 'B'
- U0158 - Lost Communication With Head Up Display
- U0159 - Lost Communication With Parking Assist Control Module 'A'
- U0160 - Lost Communication With Audible Alert Control Module
- U0161 - Lost Communication With Compass Module
- U0162 - Lost Communication With Navigation Display Module
- U0163 - Lost Communication With Navigation Control Module
- U0164 - Lost Communication With HVAC Control Module
- U0165 - Lost Communication With HVAC Control Module
- U0166 - Lost Communication With Auxiliary Heater Control Module
- U0167 - Lost Communication With Vehicle Immobilizer Control Module
- U0168 - Lost Communication With Vehicle Security Control Module
- U0169 - Lost Communication With Sunroof Control Module
- U0170 - Lost Communication With 'Restraints System Sensor 'A'
- U0171 - Lost Communication With 'Restraints System Sensor 'B'
- U0172 - Lost Communication With 'Restraints System Sensor 'C'

- U0173 - Lost Communication With 'Restraints System Sensor 'D'
- U0174 - Lost Communication With 'Restraints System Sensor 'E'
- U0175 - Lost Communication With 'Restraints System Sensor 'F'
- U0176 - Lost Communication With 'Restraints System Sensor 'G'
- U0177 - Lost Communication With 'Restraints System Sensor 'H'
- U0178 - Lost Communication With 'Restraints System Sensor 'I'
- U0179 - Lost Communication With 'Restraints System Sensor 'J'
- U0180 - Lost Communication With Automatic Lighting Control Module
- U0181 - Lost Communication With Headlamp Levelling Control Module
- U0182 - Lost Communication With Lighting Control Module
- U0183 - Lost Communication With Lighting Control Module, Rear
- U0184 - Lost Communication With Radio
- U0185 - Lost Communication With Antenna Control Module
- U0186 - Lost Communication With Audio Amplifier
- U0187 - Lost Communication With Digital Disc Player/ Changer Module 'A'
- U0188 - Lost Communication With Digital Disc Player/ Changer Module 'B'
- U0189 - Lost Communication With Digital Disc Player/ Changer Module 'C'
- U0190 - Lost Communication With Digital Disc Player/ Changer Module 'D'
- U0191 - Lost Communication With Television
- U0192 - Lost Communication With Personal Computer
- U0193 - Lost Communication With 'Digital Audio Control Module A'
- U0194 - Lost Communication With 'Digital Audio Control Module B'
- U0195 - Lost Communication With Subscription Entertainment Receiver Module
- U0196 - Lost Communication With Entertainment Control Module - Rear 'A'
- U0197 - Lost Communication With Telephone Control Module
- U0198 - Lost Communication With Telematic Control Module
- U0199 - Lost Communication With 'Door Control Module A'
- U0200 - Lost Communication With 'Door Control Module B'
- U0201 - Lost Communication With 'Door Control Module C'
- U0202 - Lost Communication With 'Door Control Module D'
- U0203 - Lost Communication With 'Door Control Module E'
- U0204 - Lost Communication With 'Door Control Module F'
- U0205 - Lost Communication With 'Door Control Module G'

- U0206 - Lost Communication With Folding Top Control Module
- U0207 - Lost Communication With Moveable Roof Control Module
- U0208 - Lost Communication With 'Seat Control Module A'
- U0209 - Lost Communication With 'Seat Control Module B'
- U0210 - Lost Communication With 'Seat Control Module C'
- U0211 - Lost Communication With 'Seat Control Module D'
- U0212 - Lost Communication With Steering Column Control Module
- U0213 - Lost Communication With Mirror Control Module 'A'
- U0214 - Lost Communication With Remote Function Actuation
- U0215 - Lost Communication With 'Door Switch A'
- U0216 - Lost Communication With 'Door Switch B'
- U0217 - Lost Communication With 'Door Switch C'
- U0218 - Lost Communication With 'Door Switch D'
- U0219 - Lost Communication With 'Door Switch E'
- U0220 - Lost Communication With 'Door Switch F'
- U0221 - Lost Communication With 'Door Switch G'
- U0222 - Lost Communication With 'Door Window Motor A'
- U0223 - Lost Communication With 'Door Window Motor B'
- U0224 - Lost Communication With 'Door Window Motor C'
- U0225 - Lost Communication With 'Door Window Motor D'
- U0226 - Lost Communication With 'Door Window Motor E'
- U0227 - Lost Communication With 'Door Window Motor F'
- U0228 - Lost Communication With 'Door Window Motor G'
- U0229 - Lost Communication With Heated Steering Wheel Module
- U0230 - Lost Communication With Rear Gate Module
- U0231 - Lost Communication With Rain Sensing Module
- U0232 - Lost Communication With Side Obstacle Detection Control
Module - Left
- U0233 - Lost Communication With Side Obstacle Detection Control
Module - Right
- U0234 - Lost Communication With Convenience Recall Module
- U0235 - Lost Communication With Cruise Control Front Distance
Range Sensor
- U0236 - Lost Communication With Column Lock Module
- U0237 - Lost Communication With Digital Audio Control Module 'C'
- U0238 - Lost Communication With Digital Audio Control Module 'D'
- U0239 - Lost Communication With Entrapment Control Module 'A'
- U0240 - Lost Communication With Entrapment Control Module 'B'
- U0241 - Lost Communication With Headlamp Control Module 'A'

- U0242 - Lost Communication With Headlamp Control Module 'B'
- U0243 - Lost Communication With Parking Assist Control Module 'B'
- U0244 - Lost Communication With Running Board Control Module
- U0245 - Lost Communication With Entertainment Control Module-
Front
- U0246 - Lost Communication With Seat Control Module 'E'
- U0247 - Lost Communication With Seat Control Module 'F'
- U0248 - Lost Communication with Remote Accessory Module
- U0249 - Lost Communication With Entertainment Control Module -
Rear 'B'
- U0293 - Lost Communication With Hybrid Powertrain Control Module
- U0294 - Lost Communication With Powertrain Control Monitor
Module
- U0295 - Lost Communication With AC to AC Converter Control
Module
- U0296 - Lost Communication With AC to DC Converter Control
Module 'A'
- U0297 - Lost Communication With AC to DC Converter Control
Module 'B'
- U0298 - Lost Communication With DC to DC Converter Control
Module 'A'
- U0299 - Lost Communication With DC to DC Converter Control
Module 'B'
- U0300 - Internal Control Module Software Incompatibility
- U0301 - Software Incompatibility with Engine/ Powertrain Control
Module
- U0302 - Software Incompatibility with Transmission Control Module
- U0303 - Software Incompatibility with Transfer Case Control Module
- U0304 - Software Incompatibility with Gear Shift Control Module
- U0305 - Software Incompatibility with Cruise Control Module
- U0306 - Software Incompatibility with Fuel Injector Control Module
- U0307 - Software Incompatibility with Glow Plug Control Module
- U0308 - Software Incompatibility with Throttle Actuator Control
Module
- U0309 - Software Incompatibility with Alternative Fuel Control Module
- U0310 - Software Incompatibility with Fuel Pump Control Module
- U0311 - Software Incompatibility with Drive Motor Control Module
- U0312 - Software Incompatibility with Battery Energy Control Module
A
- U0313 - Software Incompatibility with Battery Energy Control Module
B

- U0314 - Software Incompatibility with For-Wheel Drive Clutch Control Module
- U0315 - Software Incompatibility with Anti-Lock Brake System Control Module
- U0316 - Software Incompatibility with Vehicle Dynamics Control Module
- U0317 - Software Incompatibility with Park Brake Control Module
- U0318 - Software Incompatibility with Brake System Control Module
- U0319 - Software Incompatibility with Steering Effort Control Module
- U0320 - Software Incompatibility with Power Steering Control Module
- U0321 - Software Incompatibility with Ride Level Control Module
- U0322 - Software Incompatibility with Body Control Module
- U0323 - Software Incompatibility with Instrument Panel Control Module
- U0324 - Software Incompatibility with HVAC Control Module
- U0325 - Software Incompatibility with Auxiliary Heater Control Module
- U0326 - Software Incompatibility with Vehicle Immobilizer Control Module
- U0327 - Software Incompatibility with Vehicle Security Control Module
- U0328 - Software Incompatibility with Steering Angle Sensor Module
- U0329 - Software Incompatibility with Steering Column Control Module
- U0330 - Software Incompatibility with Tire Pressure Monitor Module
- U0331 - Software Incompatibility with Body Control Module 'A'
- U0332 - Software Incompatibility With Multi-axis Acceleration Sensor Module
- U0400 - Invalid Data Received
- U0401 - Invalid Data Received From ECM/ PCM
- U0402 - Invalid Data Received From Transmission Control Module
- U0403 - Invalid Data Received From Transfer Case Control Module
- U0404 - Invalid Data Received From Gear Shift Control Module
- U0405 - Invalid Data Received From Cruise Control Module
- U0406 - Invalid Data Received From Fuel Injector Control Module
- U0407 - Invalid Data Received From Glow Plug Control Module
- U0408 - Invalid Data Received From Throttle Actuator Control Module
- U0409 - Invalid Data Received From Alternative Fuel Control Module
- U0410 - Invalid Data Received From Fuel Pump Control Module
- U0411 - Invalid Data Received From Drive Motor Control Module
- U0412 - Invalid Data Received From Battery Energy Control Module

	'A'
U0413	- Invalid Data Received From Battery Energy Control Module
	'B'
U0414	- Invalid Data Received From Four-Wheel Drive Clutch Control Module
U0415	- Invalid Data Received From Anti-Lock Brake System Control Module
U0416	- Invalid Data Received From Vehicle Dynamics Control Module
U0417	- Invalid Data Received From Park Brake Control Module
U0418	- Invalid Data Received From Brake System Control Module
U0419	- Invalid Data Received From Steering Effort Control Module
U0420	- Invalid Data Received From Power Steering Control Module
U0421	- Invalid Data Received From Ride Level Control Module
U0422	- Invalid Data Received From Body Control Module
U0423	- Invalid Data Received From Instrument Panel Control Module
U0424	- Invalid Data Received From HVAC Control Module
U0425	- Invalid Data Received From Auxiliary Heater Control Module
U0426	- Invalid Data Received From Vehicle Immobilizer Control Module
U0427	- Invalid Data Received From Vehicle Security Control Module
U0428	- Invalid Data Received From Steering Angle Sensor Module
U0429	- Invalid Data Received From Steering Column Control Module
U0430	- Invalid Data Received From Tire Pressure Monitor Module
U0431	- Invalid Data Received From Body Control Module 'A'
U0432	- Invalid Data Received From Multi-axis Acceleration Sensor Module
U0433	- Invalid Data Received From Cruise Control Front Distance Range Sensor