



GENERIC POWERTRAIN CODES

Compiled by ***OBDCodeX***



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Codes	Definition
P0000	ISO/SAE Reserved (no valid description)
P0001	Fuel Volume Regulator Control Circuit/Open
P0002	Fuel Volume Regulator Control Circuit Range/Performance
P0003	Fuel Volume Regulator Control Circuit Low
P0004	Fuel Volume Regulator Control Circuit High
P0005	Fuel Shutoff Valve "A" Control Circuit/Open
P0006	Fuel Shutoff Valve "A" Control Circuit Low
P0007	Fuel Shutoff Valve "A" Control Circuit High
P0008	Engine Positions System Performance Bank 1
P0009	Engine Positions System Performance Bank 2
P000A	A Camshaft Position Slow Response Bank 1
P000B	B Camshaft Position Slow Response Bank 1
P000C	A Camshaft Position Slow Response Bank 2
P000D	B Camshaft Position Slow Response Bank 2
P000E	Fuel Volume Regulator Control Exceeded Learning Limit
P000F	Fuel System Over Pressure Relief Valve Activated
P0010	"A" Camshaft Position Actuator Circuit (Bank 1)
P0011	"A" Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)
P0012	"A" Camshaft Position - Timing Over-Retarded (Bank 1)
P0013	"B" Camshaft Position Actuator Circuit (Bank 1)
P0014	"B" Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)
P0015	"B" Camshaft Position - Timing Over-Retarded (Bank 1)
P0016	Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A)
P0017	Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor B)
P0018	Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor A)
P0019	Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor B)
P001A	A Camshaft Profile Control Circuit/Open Bank 1
P001B	A Camshaft Profile Control Circuit Low Bank 1
P001C	A Camshaft Profile Control Circuit High Bank 1
P001D	A Camshaft Profile Control Circuit/Open Bank 2
P001E	A Camshaft Profile Control Circuit Low Bank 2
P001F	A Camshaft Profile Control Circuit High Bank 2
P0020	"B" Camshaft Position Actuator Circuit (Bank 2)
P0021	"A" Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)
P0022	"A" Camshaft Position - Timing Over-Retarded (Bank 2)
P0023	"B" Camshaft Position Actuator Circuit (Bank 2)
P0024	"B" Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)
P0025	"B" Camshaft Position - Timing Over-Retarded (Bank 2)
P0026	Intake Valve Control Solenoid Circuit Range/Performance Bank 1
P0027	Exhaust Valve Control Solenoid Circuit Range/Performance Bank 1
P0028	Intake Valve Control Solenoid Circuit Range/Performance Bank 2

Codes	Definition
P0029	Exhaust Valve Control Solenoid Circuit Range/Performance Bank 2
P002A	B Camshaft Profile Control Circuit/Open Bank 1
P002B	B Camshaft Profile Control Circuit Low Bank 1
P002C	B Camshaft Profile Control Circuit High Bank 1
P002D	B Camshaft Profile Control Circuit/Open Bank 2
P002E	B Camshaft Profile Control Circuit Low Bank 2
P002F	B Camshaft Profile Control Circuit High Bank 2
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)
P0031	Oxygen (A/F) Sensor Heater Control Circuit Low (Bank 1 Sensor 1)
P0032	Oxygen (A/F) Sensor Heater Control Circuit High (Bank 1 Sensor 1)
P0033	Turbo Charger Bypass Valve Control Circuit
P0034	Turbo Charger Bypass Valve Control Circuit Low
P0035	Turbo Charger Bypass Valve Control Circuit High
P0036	HO2S Heater Control Circuit (Bank 1 Sensor 2)
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)
P0039	Turbo Charger Bypass Valve Control Circuit Range Performance
P003A	Turbocharger/Supercharger Boost Control A Position Exceeded Learning Limit
P003B	Turbocharger/Supercharger Boost Control B Position Exceeded Learning Limit
P003C	A Camshaft Profile Control Circuit Performance/Stuck Off Bank 1
P003D	A Camshaft Profile Control Circuit Stuck On Bank 1
P003E	A Camshaft Profile Control Circuit Performance/Stuck Off Bank 2
P003F	A Camshaft Profile Control Circuit Stuck On Bank 2
P0040	O2 Sensor Signals Swapped Bank 1 Sensor 1 / Bank 2 Sensor 1
P0041	O2 Sensor Signals Swapped Bank 1 Sensor 2 / Bank 2 Sensor 2
P0042	HO2S Heater Control Circuit (Bank 1 Sensor 3)
P0043	HO2S Heater Control Circuit Low (Bank 1 Sensor 3)
P0044	HO2S Heater Control Circuit High (Bank 1 Sensor 3)
P0045	Turbocharger/Supercharger Boost Control "A" Circuit Open
P0046	Turbocharger/Supercharger Boost Control "A" Circuit Range Performance
P0047	Turbocharger/Supercharger Boost Control "A" Circuit Low
P0048	Turbocharger/Supercharger Boost Control "A" Circuit High
P0049	Turbocharger/Supercharger Turbine Overspeed
P004A	Turbocharger/Supercharger Boost Control "B" Circuit Open
P004B	Turbocharger/Supercharger Boost Control "B" Circuit Range Performance
P004C	Turbocharger/Supercharger Boost Control "B" Circuit Low
P004D	Turbocharger/Supercharger Boost Control "B" Circuit High
P004E	Turbocharger/Supercharger Boost Control "A" Circuit Intermittent/Erratic
P004F	Turbocharger/Supercharger Boost Control "B" Circuit Intermittent/Erratic
P0050	HO2S Heater Control Circuit (Bank 2 Sensor 1)
P0051	Oxygen (A/F) Sensor Heater Control Circuit Low (Bank 2 Sensor 1)
P0052	Oxygen (A/F) Sensor Heater Control Circuit High (Bank 2 Sensor 1)

Codes	Definition
P0053	HO2S Heater Resistance (Bank 1 Sensor 1)
P0054	HO2S Heater Resistance (Bank 1 Sensor 2)
P0055	HO2S Heater Resistance (Bank 1 Sensor 3)
P0056	HO2S Heater Control Circuit (Bank 2 Sensor 2)
P0057	HO2S Heater Control Circuit Low (Bank 2 Sensor 2)
P0058	HO2S Heater Control Circuit High (Bank 2 Sensor 2)
P0059	HO2S Heater Resistance (Bank 2 Sensor 1)
P005A	B Camshaft Profile Control Circuit Performance/Stuck Off Bank 1
P005B	B Camshaft Profile Control Circuit Stuck On Bank 1
P005C	B Camshaft Profile Control Circuit Performance/Stuck Off Bank 2
P005D	B Camshaft Profile Control Circuit Stuck On Bank 2
P005E	Turbocharger/Supercharger Boost Control B Supply Voltage Circuit Low
P005F	Turbocharger/Supercharger Boost Control B Supply Voltage Circuit High
P0060	HO2S Heater Resistance (Bank 2 Sensor 2)
P0061	HO2S Heater Resistance (Bank 2 Sensor 3)
P0062	HO2S Heater Control Circuit (Bank 2 Sensor 3)
P0063	HO2S Heater Control Circuit Low (Bank 2 Sensor 3)
P0064	HO2S Heater Control Circuit High (Bank 2 Sensor 3)
P0065	Air Assisted Injector Control Range/Performance
P0066	Air Assisted Injector Control Circuit Or Circuit Low
P0067	Air Assisted Injector Control Circuit High
P0068	MAP/MAF - Throttle Position Correlation
P0069	Manifold Absolute Pressure - Barometric Pressure Correlation
P006A	MAP - Mass or Volume Air Flow Correlation Bank 1
P006B	MAP - Exhaust Pressure Correlation
P006C	MAP - Turbocharger/Supercharger Inlet Pressure Correlation
P006D	Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation
P006E	Turbocharger/Supercharger Boost Control A Supply Voltage Circuit Low
P006F	Turbocharger/Supercharger Boost Control A Supply Voltage Circuit High
P0070	Ambient Air Temperature Sensor Circuit
P0071	Ambient Air Temperature Sensor Performance
P0072	Ambient Air Temperature Sensor Circuit Low
P0073	Ambient Air Temperature Sensor Circuit High
P0074	Ambient Air Temperature Sensor Circuit Intermittent
P0075	Intake Valve Control Solenoid Circuit (Bank 1)
P0076	Intake Valve Control Solenoid Circuit Low (Bank 1)
P0077	Intake Valve Control Solenoid Circuit High (Bank 1)
P0078	Exhaust Valve Control Solenoid Circuit (Bank 1)
P0079	Exhaust Valve Control Solenoid Circuit Low (Bank 1)
P007A	Charge Air Cooler Temperature Sensor Circuit Bank 1
P007B	Charge Air Cooler Temperature Sensor Circuit Range/Performance Bank 1
P007C	Charge Air Cooler Temperature Sensor Circuit Low Bank 1
P007D	Charge Air Cooler Temperature Sensor Circuit High Bank 1

Codes	Definition
P007E	Charge Air Cooler Temperature Sensor Circuit Intermittent Bank 1
P007F	Charge Air Cooler Temperature Sensor Bank1/Bank2 Correlation
P0080	Exhaust Valve Control Solenoid Circuit High (Bank 1)
P0081	Intake Valve Control Solenoid Circuit (Bank 2)
P0082	Intake Valve Control Solenoid Circuit Low (Bank 2)
P0083	Exhaust Valve Control Solenoid Circuit High (Bank 2)
P0084	Exhaust Valve Control Solenoid Circuit (Bank 2)
P0085	Exhaust Valve Control Solenoid Circuit Low (Bank 2)
P0086	Exhaust Valve Control Solenoid Circuit High (Bank 2)
P0087	Fuel Rail/System Pressure - Too Low
P0088	Fuel Rail/System Pressure - Too High
P0089	Fuel Pressure Regulator 1 Performance
P008A	Low Pressure Fuel System Pressure - Too Low
P008B	Low Pressure Fuel System Pressure - Too High
P008C	Fuel Cooler Pump Control Circuit Open
P008D	Fuel Cooler Pump Control Circuit Low
P008E	Fuel Cooler Pump Control Circuit High
P008F	Engine Coolant Temperature/Fuel Temperature Correlation
P0090	Fuel Pressure Regulator 1 Control Circuit Open
P0091	Fuel Pressure Regulator 1 Control Circuit Low
P0092	Fuel Pressure Regulator 1 Control Circuit High
P0093	Fuel System Large Leak Detected
P0094	Fuel System Leak Detected - Small Leak
P0095	Intake Air Temperature Sensor 2 Circuit Malfunction
P0096	Intake Air Temperature (IAT) Sensor 2 Circuit Range/Performance
P0097	Intake Air Temperature Sensor 2 Circuit Low Input
P0098	Intake Air Temperature Sensor 2 Circuit High
P0099	Intake Air Temperature Sensor 2 Circuit Intermittent
P009A	Intake Air Temperature/Ambient Air Temperature Correlation
P009B	Fuel Pressure Relief Control Circuit/Open
P009C	Fuel Pressure Relief Control Circuit Low
P009D	Fuel Pressure Relief Control Circuit High
P009E	Fuel Pressure Relief Control Circuit Performance/Stuck Off
P009F	Fuel Pressure Relief Control Circuit Stuck On
P00A0	Charge Air Cooler Temperature Sensor Circuit Bank 2
P00A1	Charge Air Cooler Temperature Sensor Circuit Range Performance Bank 2
P00A2	Charge Air Cooler Temperature Sensor Circuit Low Bank 2
P00A3	Charge Air Cooler Temperature Sensor Circuit Low Bank 2
P00A4	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic Bank 2
P00A5	Intake Air Temperature Sensor 2 Circuit Malfunction Bank 2
P00A6	Intake Air Temperature (IAT) Sensor 2 Circuit Range/Performance Bank 2
P00A7	Intake Air Temperature Sensor 2 Circuit Low Input Bank 2
P00A8	Intake Air Temperature Sensor 2 Circuit High Bank 2
P00A9	Intake Air Temperature Sensor 2 Circuit Intermittent Bank 2

Codes	Definition
P00AA	Intake Air Temperature Sensor 1 Circuit Malfunction Bank 2
P00AB	Intake Air Temperature (IAT) Sensor 1 Circuit Range/Performance Bank 2
P00AC	Intake Air Temperature Sensor 1 Circuit Low Input Bank 2
P00AD	Intake Air Temperature Sensor 1 Circuit High Bank 2
P00AE	Intake Air Temperature Sensor 1 Circuit Intermittent Bank 2
P00AF	Turbocharger/Supercharger Boost Control A Module Performance
P00B0	Turbocharger/Supercharger Boost Control B Module Performance
P00B1	Radiator Coolant Temperature Sensor Circuit
P00B2	Radiator Coolant Temperature Sensor Circuit Range/Performance
P00B3	Radiator Coolant Temperature Sensor Circuit Low
P00B4	Radiator Coolant Temperature Sensor Circuit High
P00B5	Radiator Coolant Temperature Sensor Circuit Intermittent
P00B6	Radiator Coolant Temperature/Engine Coolant Temperature Correlation
P00B7	Engine Coolant Flow Low/Performance
P00B8	MAP - Mass or Volume Air Flow Correlation Bank 2
P00B9	Low Pressure Fuel System Pressure - Too Low, Low Ambient Temperature
P00BA	Low Fuel Pressure - Forced Limited Power
P00BB	Fuel Injector Insufficient Flow - Forced Limited Power
P00BC	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too Low
P00BD	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too High
P00BE	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too Low
P00BF	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too High
P00C0	ISO/SAE Reserved
P00C1	ISO/SAE Reserved
P00C2	ISO/SAE Reserved
P00C3	ISO/SAE Reserved
P00C4	ISO/SAE Reserved
P00C5	ISO/SAE Reserved
P00C6	ISO/SAE Reserved
P00C7	ISO/SAE Reserved
P00C8	ISO/SAE Reserved
P00C9	ISO/SAE Reserved
P00CA	ISO/SAE Reserved
P00CB	ISO/SAE Reserved
P00CC	ISO/SAE Reserved
P00CD	ISO/SAE Reserved
P00CE	ISO/SAE Reserved
P00CF	ISO/SAE Reserved
P00D0	ISO/SAE Reserved
P00D1	ISO/SAE Reserved
P00D2	ISO/SAE Reserved
P00D3	ISO/SAE Reserved
P00D4	ISO/SAE Reserved
P00D5	ISO/SAE Reserved

Codes	Definition
P00D6	ISO/SAE Reserved
P00D7	ISO/SAE Reserved
P00D8	ISO/SAE Reserved
P00D9	ISO/SAE Reserved
P00DA	ISO/SAE Reserved
P00DB	ISO/SAE Reserved
P00DC	ISO/SAE Reserved
P00DD	ISO/SAE Reserved
P00DE	ISO/SAE Reserved
P00DF	ISO/SAE Reserved
P00E0	ISO/SAE Reserved
P00E1	ISO/SAE Reserved
P00E2	ISO/SAE Reserved
P00E3	ISO/SAE Reserved
P00E4	ISO/SAE Reserved
P00E5	ISO/SAE Reserved
P00E6	ISO/SAE Reserved
P00E7	ISO/SAE Reserved
P00E8	ISO/SAE Reserved
P00E9	ISO/SAE Reserved
P00EA	ISO/SAE Reserved
P00EB	ISO/SAE Reserved
P00EC	ISO/SAE Reserved
P00ED	ISO/SAE Reserved
P00EE	ISO/SAE Reserved
P00EF	ISO/SAE Reserved
P00F0	ISO/SAE Reserved
P00F1	ISO/SAE Reserved
P00F2	ISO/SAE Reserved
P00F3	ISO/SAE Reserved
P00F4	ISO/SAE Reserved
P00F5	ISO/SAE Reserved
P00F6	ISO/SAE Reserved
P00F7	ISO/SAE Reserved
P00F8	ISO/SAE Reserved
P00F9	ISO/SAE Reserved
P00FA	ISO/SAE Reserved
P00FB	ISO/SAE Reserved
P00FC	ISO/SAE Reserved
P00FD	ISO/SAE Reserved
P00FE	ISO/SAE Reserved
P00FF	ISO/SAE Reserved
P0100	Mass or Volume Air Flow (MAF) Circuit Malfunction
P0101	Mass Air Flow (MAF) Circuit Range/Performance

Codes	Definition
P0102	Mass or Volume Air Flow Circuit Low
P0103	Mass or Volume Air Flow Circuit High
P0104	Mass or Volume Air Flow Circuit Intermittent/Erratic
P0105	Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction
P0106	Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High Input
P0109	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
P010A	Mass or Volume Air Flow "B" Circuit Malfunction
P010B	Mass Air Flow (MAF) "B" Circuit Range/Performance
P010C	Mass or Volume Air Flow "B" Circuit Low
P010D	Mass or Volume Air Flow "B" Circuit High
P010E	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic
P010F	Mass or Volume Air Flow Sensor A/B Correlation
P0110	Intake Air Temperature Sensor 1 Circuit Malfunction
P0111	Intake Air Temperature (IAT) Sensor 1 Circuit Range/Performance
P0112	Intake Air Temperature Sensor 1 Circuit Low Input
P0113	Intake Air Temperature Sensor 1 Circuit High Input
P0114	Intake Air Temperature Sensor 1 Circuit Intermittent
P0115	Engine Coolant Temperature Sensor Circuit Malfunction
P0116	Engine Coolant Temperature (ECT) Sensor Circuit Range/Performance
P0117	Engine Coolant Temperature (ECT) Sensor Circuit Low Input
P0118	Engine Coolant Temperature Sensor Circuit High Input
P0119	Engine Coolant Temperature Sensor Circuit Intermittent
P011A	Engine Coolant Temperature Sensor 1/2 Correlation
P011B	Engine Coolant Temperature/Intake Air Temperature Correlation
P011C	Charge Air Temperature/Intake Air Temperature Correlation Bank 1
P011D	Charge Air Temperature/Intake Air Temperature Correlation Bank 2
P011E	ISO/SAE Reserved
P011F	ISO/SAE Reserved
P0120	Throttle Position Sensor/Switch (TPS) A Circuit Malfunction
P0121	Throttle Position Sensor/Switch A Circuit Range/Performance Problem
P0122	Throttle Position Sensor/Switch A Circuit Low Input
P0123	Throttle Position Sensor/Switch A Circuit High Input
P0124	Throttle Position Sensor/Switch A Circuit Intermittent
P0125	Insufficient Coolant Temperature For Closed Loop Fuel Control
P0126	Insufficient Coolant Temperature for Stable Operation
P0127	Intake Air Temperature Too High
P0128	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
P0129	Barometric Pressure Too Low
P012A	Turbocharger/Supercharger Inlet Pressure Sensor Circuit (Downstream of throttle valve)

Codes	Definition
P012B	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Range/Performance (Downstream of throttle valve)
P012C	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low (Downstream of throttle valve)
P012D	Turbocharger/Supercharger Inlet Pressure Sensor Circuit High (Downstream Of Throttle Valve)
P012E	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Intermittent/Erratic (Downstream of throttle valve)
P012F	ISO/SAE Reserved
P0130	O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)
P0131	Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 1)
P0132	O2 Oxygen Sensor Circuit High Voltage (Bank1, Sensor1)
P0133	Oxygen Sensor Circuit Slow Response (Bank1, Sensor1)
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)
P0135	Oxygen O2 Sensor Heater Circuit Malfunction (Bank 1, Sensor 1)
P0136	Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 2)
P0137	Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 2)
P0138	O2 Oxygen Sensor Circuit High Voltage (Bank1, Sensor2)
P0139	Oxygen Sensor Circuit Slow Response (Bank1, Sensor2)
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)
P013B	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2)
P013C	O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 2)
P013D	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 2)
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)
P013F	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2)
P0140	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
P0141	O2 Sensor Heater Circuit Malfunction (Bank 1, Sensor 2)
P0142	O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)
P0143	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)
P0144	O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)
P0145	O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)
P0146	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)
P0147	O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)
P0148	Fuel Delivery Error
P0149	Fuel Timing Error
P014A	O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 2)
P014B	O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 2)
P014C	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)
P014E	O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 1)
P014F	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 1)
P0150	O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)
P0151	Oxygen O2 Sensor Circuit Low Voltage (Bank 2, Sensor 1)
P0152	O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)
P0153	Oxygen Sensor Circuit Slow Response (Bank2, Sensor1)

Codes	Definition
P0154	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0155	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
P0156	O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)
P0157	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)
P0158	O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)
P0159	Oxygen Sensor Circuit Slow Response (Bank2, Sensor2)
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)
P015B	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1)
P015C	O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 1)
P015D	O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 1)
P015E	ISO/SAE Reserved
P015F	ISO/SAE Reserved
P0160	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
P0161	Oxygen O2 Sensor Circuit Low Voltage (Bank 2, Sensor 2)
P0162	O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)
P0163	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)
P0164	O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)
P0165	O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)
P0166	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)
P0167	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
P0168	Fuel Temperature Too High
P0169	Incorrect Fuel Composition
P016A	ISO/SAE Reserved
P016B	ISO/SAE Reserved
P016C	ISO/SAE Reserved
P016D	ISO/SAE Reserved
P016E	ISO/SAE Reserved
P016F	ISO/SAE Reserved
P0170	Fuel Trim Malfunction (Bank 1)
P0171	System Too Lean (Bank 1)
P0172	System Too Rich (Bank 1)
P0173	Fuel Trim Malfunction (Bank 2)
P0174	System Too Lean (Bank 2)
P0175	System Too Rich (Bank 2)
P0176	Fuel Composition Sensor Circuit Malfunction
P0177	Fuel Composition Sensor Circuit Range/Performance
P0178	Fuel Composition Sensor Circuit Low Input
P0179	Fuel Composition Sensor Circuit High Input
P017A	ISO/SAE Reserved
P017B	ISO/SAE Reserved
P017C	ISO/SAE Reserved
P017D	ISO/SAE Reserved
P017E	ISO/SAE Reserved
P017F	ISO/SAE Reserved

Codes	Definition
P0180	Fuel Temperature Sensor A Circuit Malfunction
P0181	Fuel Temperature Sensor A Circuit Range/Performance
P0182	Fuel Temperature Sensor A Circuit Low Input
P0183	Fuel Temperature Sensor A Circuit High Input
P0184	Fuel Temperature Sensor A Circuit Intermittent
P0185	Fuel Temperature Sensor B Circuit Malfunction
P0186	Fuel Temperature Sensor B Circuit Range/Performance
P0187	Fuel Temperature Sensor B Circuit Low Input
P0188	Fuel Temperature Sensor B Circuit High Input
P0189	Fuel Temperature Sensor B Circuit Intermittent
P018A	Fuel Pressure Sensor B Circuit
P018B	Fuel Pressure Sensor B Circuit Range/Performance
P018C	Fuel Pressure Sensor B Circuit Low
P018D	Fuel Pressure Sensor B Circuit High
P018E	Fuel Pressure Sensor B Circuit Intermittent/Erratic
P018F	Fuel System Over Pressure Relief Valve Frequent Activation
P0190	Fuel Rail Pressure Sensor "A" Circuit
P0191	Fuel Rail Pressure Sensor "A" Circuit Range/Performance
P0192	Fuel Rail Pressure Sensor "A" Circuit Low
P0193	Fuel Rail Pressure Sensor "A" Circuit High
P0194	Fuel Rail Pressure Sensor "A" Circuit Intermittent/Erratic
P0195	Engine Oil Temperature Sensor Malfunction
P0196	Engine Oil Temperature Sensor Range/Performance
P0197	Engine Oil Temperature Sensor Low
P0198	Engine Oil Temperature Sensor High
P0199	Engine Oil Temperature Sensor Intermittent
P019A	ISO/SAE Reserved
P019B	ISO/SAE Reserved
P019C	ISO/SAE Reserved
P019D	ISO/SAE Reserved
P019E	ISO/SAE Reserved
P019F	ISO/SAE Reserved
P01A0	ISO/SAE Reserved
P01A1	ISO/SAE Reserved
P01A2	ISO/SAE Reserved
P01A3	ISO/SAE Reserved
P01A4	ISO/SAE Reserved
P01A5	ISO/SAE Reserved
P01A6	ISO/SAE Reserved
P01A7	ISO/SAE Reserved
P01A8	ISO/SAE Reserved
P01A9	ISO/SAE Reserved
P01AA	ISO/SAE Reserved
P01AB	ISO/SAE Reserved

Codes	Definition
P01AC	ISO/SAE Reserved
P01AD	ISO/SAE Reserved
P01AE	ISO/SAE Reserved
P01AF	ISO/SAE Reserved
P01B0	ISO/SAE Reserved
P01B1	ISO/SAE Reserved
P01B2	ISO/SAE Reserved
P01B3	ISO/SAE Reserved
P01B4	ISO/SAE Reserved
P01B5	ISO/SAE Reserved
P01B6	ISO/SAE Reserved
P01B7	ISO/SAE Reserved
P01B8	ISO/SAE Reserved
P01B9	ISO/SAE Reserved
P01BA	ISO/SAE Reserved
P01BB	ISO/SAE Reserved
P01BC	ISO/SAE Reserved
P01BD	ISO/SAE Reserved
P01BE	ISO/SAE Reserved
P01BF	ISO/SAE Reserved
P01C0	ISO/SAE Reserved
P01C1	ISO/SAE Reserved
P01C2	ISO/SAE Reserved
P01C3	ISO/SAE Reserved
P01C4	ISO/SAE Reserved
P01C5	ISO/SAE Reserved
P01C6	ISO/SAE Reserved
P01C7	ISO/SAE Reserved
P01C8	ISO/SAE Reserved
P01C9	ISO/SAE Reserved
P01CA	ISO/SAE Reserved
P01CB	ISO/SAE Reserved
P01CC	ISO/SAE Reserved
P01CD	ISO/SAE Reserved
P01CE	ISO/SAE Reserved
P01CF	ISO/SAE Reserved
P01D0	ISO/SAE Reserved
P01D1	ISO/SAE Reserved
P01D2	ISO/SAE Reserved
P01D3	ISO/SAE Reserved
P01D4	ISO/SAE Reserved
P01D5	ISO/SAE Reserved
P01D6	ISO/SAE Reserved
P01D7	ISO/SAE Reserved

Codes	Definition
P01D8	ISO/SAE Reserved
P01D9	ISO/SAE Reserved
P01DA	ISO/SAE Reserved
P01DB	ISO/SAE Reserved
P01DC	ISO/SAE Reserved
P01DD	ISO/SAE Reserved
P01DE	ISO/SAE Reserved
P01DF	ISO/SAE Reserved
P01E0	ISO/SAE Reserved
P01E1	ISO/SAE Reserved
P01E2	ISO/SAE Reserved
P01E3	ISO/SAE Reserved
P01E4	ISO/SAE Reserved
P01E5	ISO/SAE Reserved
P01E6	ISO/SAE Reserved
P01E7	ISO/SAE Reserved
P01E8	ISO/SAE Reserved
P01E9	ISO/SAE Reserved
P01EA	ISO/SAE Reserved
P01EB	ISO/SAE Reserved
P01EC	ISO/SAE Reserved
P01ED	ISO/SAE Reserved
P01EE	ISO/SAE Reserved
P01EF	ISO/SAE Reserved
P01F0	ISO/SAE Reserved
P01F1	ISO/SAE Reserved
P01F2	ISO/SAE Reserved
P01F3	ISO/SAE Reserved
P01F4	ISO/SAE Reserved
P01F5	ISO/SAE Reserved
P01F6	ISO/SAE Reserved
P01F7	ISO/SAE Reserved
P01F8	ISO/SAE Reserved
P01F9	ISO/SAE Reserved
P01FA	ISO/SAE Reserved
P01FB	ISO/SAE Reserved
P01FC	ISO/SAE Reserved
P01FD	ISO/SAE Reserved
P01FE	ISO/SAE Reserved
P01FF	ISO/SAE Reserved
P0200	Injector Circuit Malfunction
P0201	Cylinder 1 Injector Circuit Malfunction
P0202	Cylinder 2 Injector Circuit Malfunction
P0203	Cylinder 3 Injector Circuit Malfunction

Codes	Definition
P0204	Cylinder 4 Injector Circuit Malfunction
P0205	Cylinder 5 Injector Circuit Malfunction
P0206	Cylinder 6 Injector Circuit Malfunction
P0207	Cylinder 7 Injector Circuit Malfunction
P0208	Cylinder 8 Injector Circuit Malfunction
P0209	Cylinder 9 Injector Circuit Malfunction
P020A	Cylinder 1 Injection Timing
P020B	Cylinder 2 Injection Timing
P020C	Cylinder 3 Injection Timing
P020D	Cylinder 4 Injection Timing
P020E	Cylinder 5 Injection Timing
P020F	Cylinder 6 Injection Timing
P0210	Cylinder 10 Injector Circuit Malfunction
P0211	Cylinder 11 Injector Circuit Malfunction
P0212	Cylinder 12 Injector Circuit Malfunction
P0213	Cold Start Injector 1 Malfunction
P0214	Cold Start Injector 2 Malfunction
P0215	Engine Shutoff Solenoid Malfunction
P0216	Injection Timing Control Circuit Malfunction
P0217	Engine Overtemp Condition
P0218	Transmission Over Temperature Condition
P0219	Engine Overspeed Condition
P021A	Cylinder 7 Injection Timing
P021B	Cylinder 8 Injection Timing
P021C	Cylinder 9 Injection Timing
P021D	Cylinder 10 Injection Timing
P021E	Cylinder 11 Injection Timing
P021F	Cylinder 12 Injection Timing
P0220	Throttle Position Sensor/Switch (TPS) B Circuit Malfunction
P0221	Throttle Position Sensor/Switch B Circuit Range/Performance
P0222	Throttle Position Sensor/Switch B Circuit Low Input
P0223	Throttle Position Sensor/Switch B Circuit High Input
P0224	Throttle Position Sensor/Switch B Circuit Intermittent
P0225	Throttle Position Sensor/Switch (TPS) C Circuit Malfunction
P0226	Throttle Position Sensor/Switch C Circuit Range/Performance
P0227	Throttle Position Sensor/Switch C Circuit Low Input
P0228	Throttle Position Sensor/Switch C Circuit High Input
P0229	Throttle Position Sensor/Switch C Circuit Intermittent
P022A	Charge Air Cooler Bypass Control A Circuit Open
P022B	Charge Air Cooler Bypass Control A Circuit Low
P022C	Charge Air Cooler Bypass Control A Circuit High
P022D	Charge Air Cooler Bypass Control B Circuit Open
P022E	Charge Air Cooler Bypass Control B Circuit Low
P022F	Charge Air Cooler Bypass Control B Circuit High

Codes	Definition
P0230	Fuel Pump Primary (Control) Circuit Malfunction
P0231	Fuel Pump Secondary (Feedback) Circuit Low Voltage
P0232	Fuel Pump Secondary (Feedback) Circuit High Voltage
P0233	Fuel Pump Secondary Circuit Intermittent
P0234	Turbo/Supercharger "A" Overboost Condition
P0235	Turbocharger Boost Sensor A Circuit Malfunction
P0236	Turbocharger Boost Sensor A Range/Performance
P0237	Turbocharger/Supercharger Boost Sensor "A" Circuit Low
P0238	Turbocharger/Supercharger Boost Sensor "A" Circuit High
P0239	Turbocharger Boost Sensor B Circuit Malfunction
P023A	Charge Air Cooler Coolant Pump Control Circuit Open
P023B	Charge Air Cooler Coolant Pump Control Circuit Low
P023C	Charge Air Cooler Coolant Pump Control Circuit High
P023D	Manifold Absolute Pressure - Turbocharger/Supercharger Boost Sensor A Correlation
P023E	Manifold Absolute Pressure - Turbocharger/Supercharger Boost Sensor B Correlation
P023F	Fuel Pump Secondary Circuit/Open
P0240	Turbocharger Boost Sensor B Range/Performance
P0241	Turbocharger/Supercharger Boost Sensor "B" Circuit Low
P0242	Turbocharger/Supercharger Boost Sensor "B" Circuit High Input
P0243	Turbocharger Wastegate Solenoid A Malfunction
P0244	Turbocharger Wastegate Solenoid A Range/Performance
P0245	Turbocharger Wastegate Solenoid A Low
P0246	Turbocharger Wastegate Solenoid A High
P0247	Turbocharger Wastegate Solenoid B Malfunction
P0248	Turbocharger Wastegate Solenoid B Range/Performance
P0249	Turbocharger Wastegate Solenoid B Low
P024A	Charge Air Cooler Bypass Control A Circuit Range/Performance
P024B	Charge Air Cooler Bypass Control A Circuit Stuck
P024C	Charge Air Cooler Bypass Position Sensor A Circuit
P024D	Charge Air Cooler Bypass Position Sensor A Circuit Range/Performance
P024E	Charge Air Cooler Bypass Position Sensor A Circuit Low
P024F	Charge Air Cooler Bypass Position Sensor A Circuit High
P0250	Turbocharger Wastegate Solenoid B High
P0251	Injection Pump Fuel Metering Control A Malfunction (Cam/Rotor/Injector)
P0252	Injection Pump Fuel Metering Control A Range/Performance (Cam/Rotor/Injector)
P0253	Injection Pump Fuel Metering Control A Low (Cam/Rotor/Injector)
P0254	Injection Pump Fuel Metering Control A High (Cam/Rotor/Injector)
P0255	Injection Pump Fuel Metering Control B Intermittent (Cam/Rotor/Injector)
P0256	Injection Pump Fuel Metering Control B Malfunction (Cam/Rotor/Injector)
P0257	Injection Pump Fuel Metering Control B Range/Performance (Cam/Rotor/Injector)
P0258	Injection Pump Fuel Metering Control B Low (Cam/Rotor/Injector)

Codes	Definition
P0259	Injection Pump Fuel Metering Control B High (Cam/Rotor/Injector)
P025A	Fuel Pump Module Control Circuit/Open
P025B	Fuel Pump Module Control Range/Performance
P025C	Fuel Pump Module Control Low
P025D	Fuel Pump Module Control High
P025E	ISO/SAE Reserved
P025F	ISO/SAE Reserved
P0260	Injection Pump Fuel Metering Control B Intermittent (Cam/Rotor/Injector)
P0261	Cylinder #1 Injector Circuit Low
P0262	Cylinder #1 Injector Circuit High
P0263	Cylinder 1 Contribution/Balance
P0264	Cylinder #2 Injector Circuit Low
P0265	Cylinder #2 Injector Circuit High
P0266	Cylinder 2 Contribution/Balance
P0267	Cylinder #3 Injector Circuit Low
P0268	Cylinder #3 Injector Circuit High
P0269	Cylinder 3 Contribution/Balance
P026A	ISO/SAE Reserved
P026B	ISO/SAE Reserved
P026C	ISO/SAE Reserved
P026D	ISO/SAE Reserved
P026E	ISO/SAE Reserved
P026F	ISO/SAE Reserved
P0270	Cylinder #4 Injector Circuit Low
P0271	Cylinder #4 Injector Circuit High
P0272	Cylinder 4 Contribution/Balance
P0273	Cylinder #5 Injector Circuit Low
P0274	Cylinder #5 Injector Circuit High
P0275	Cylinder 5 Contribution/Balance
P0276	Cylinder #6 Injector Circuit Low
P0277	Cylinder #6 Injector Circuit High
P0278	Cylinder 6 Contribution/Balance
P0279	Cylinder #7 Injector Circuit Low
P027A	ISO/SAE Reserved
P027B	ISO/SAE Reserved
P027C	ISO/SAE Reserved
P027D	ISO/SAE Reserved
P027E	ISO/SAE Reserved
P027F	ISO/SAE Reserved
P0280	Cylinder #7 Injector Circuit High
P0281	Cylinder 7 Contribution/Balance
P0282	Cylinder #8 Injector Circuit Low
P0283	Cylinder #8 Injector Circuit High
P0284	Cylinder 8 Contribution/Balance

Codes	Definition
P0285	Cylinder #9 Injector Circuit Low
P0286	Cylinder #9 Injector Circuit High
P0287	Cylinder 9 Contribution/Balance
P0288	Cylinder #10 Injector Circuit Low
P0289	Cylinder #10 Injector Circuit High
P028A	ISO/SAE Reserved
P028B	ISO/SAE Reserved
P028C	ISO/SAE Reserved
P028D	ISO/SAE Reserved
P028E	ISO/SAE Reserved
P028F	ISO/SAE Reserved
P0290	Cylinder 10 Contribution/Balance
P0291	Cylinder #11 Injector Circuit Low
P0292	Cylinder #11 Injector Circuit High
P0293	Cylinder 11 Contribution/Balance
P0294	Cylinder #12 Injector Circuit Low
P0295	Cylinder #12 Injector Circuit High
P0296	Cylinder 12 Contribution/Balance
P0297	Vehicle Overspeed Condition
P0298	Engine Oil Over Temperature Condition
P0299	Turbocharger/Supercharger A Underboost Condition
P029A	Cylinder 1 Fuel Trim at Max Limit
P029B	Cylinder 1 Fuel Trim at Min Limit
P029C	Cylinder 1 Injector Restricted
P029D	Cylinder 1 Injector Leaking
P029E	Cylinder 2 Fuel Trim at Max Limit
P029F	Cylinder 2 Fuel Trim at Min Limit
P02A0	Cylinder 2 Injector Restricted
P02A1	Cylinder 2 Injector Leaking
P02A2	Cylinder 3 Fuel Trim at Max Limit
P02A3	Cylinder 3 Fuel Trim at Min Limit
P02A4	Cylinder 3 Injector Restricted
P02A5	Cylinder 3 Injector Leaking
P02A6	Cylinder 4 Fuel Trim at Max Limit
P02A7	Cylinder 4 Fuel Trim at Min Limit
P02A8	Cylinder 4 Injector Restricted
P02A9	Cylinder 4 Injector Leaking
P02AA	Cylinder 5 Fuel Trim at Max Limit
P02AB	Cylinder 5 Fuel Trim at Min Limit
P02AC	Cylinder 5 Injector Restricted
P02AD	Cylinder 5 Injector Leaking
P02AE	Cylinder 6 Fuel Trim at Max Limit
P02AF	Cylinder 6 Fuel Trim at Min Limit
P02B0	Cylinder 6 Injector Restricted

Codes	Definition
P02B1	Cylinder 6 Injector Leaking
P02B2	Cylinder 7 Fuel Trim at Max Limit
P02B3	Cylinder 7 Fuel Trim at Min Limit
P02B4	Cylinder 7 Injector Restricted
P02B5	Cylinder 7 Injector Leaking
P02B6	Cylinder 8 Fuel Trim at Max Limit
P02B7	Cylinder 8 Fuel Trim at Min Limit
P02B8	Cylinder 8 Injector Restricted
P02B9	Cylinder 8 Injector Leaking
P02BA	Cylinder 9 Fuel Trim at Max Limit
P02BB	Cylinder 9 Fuel Trim at Min Limit
P02BC	Cylinder 9 Injector Restricted
P02BD	Cylinder 9 Injector Leaking
P02BE	Cylinder 10 Fuel Trim at Max Limit
P02BF	Cylinder 10 Fuel Trim at Min Limit
P02C0	Cylinder 10 Injector Restricted
P02C1	Cylinder 10 Injector Leaking
P02C2	Cylinder 11 Fuel Trim at Max Limit
P02C3	Cylinder 11 Fuel Trim at Min Limit
P02C4	Cylinder 11 Injector Restricted
P02C5	Cylinder 11 Injector Leaking
P02C6	Cylinder 12 Fuel Trim at Max Limit
P02C7	Cylinder 12 Fuel Trim at Min Limit
P02C8	Cylinder 12 Injector Restricted
P02C9	Cylinder 12 Injector Leaking
P02CA	Turbocharger / Supercharger "B" Overboost Condition
P02CB	Turbocharger/Supercharger B Underboost Condition
P02CC	Cylinder 1 Fuel Injector Offset Learning At Min Limit
P02CD	Cylinder 1 Fuel Injector Offset Learning At Max Limit
P02CE	Cylinder 2 Fuel Injector Offset Learning At Min Limit
P02CF	Cylinder 2 Fuel Injector Offset Learning At Max Limit
P02D0	Cylinder 3 Fuel Injector Offset Learning At Min Limit
P02D1	Cylinder 3 Fuel Injector Offset Learning At Max Limit
P02D2	Cylinder 4 Fuel Injector Offset Learning At Min Limit
P02D3	Cylinder 4 Fuel Injector Offset Learning At Max Limit
P02D4	Cylinder 5 Fuel Injector Offset Learning At Min Limit
P02D5	Cylinder 5 Fuel Injector Offset Learning At Max Limit
P02D6	Cylinder 6 Fuel Injector Offset Learning At Min Limit
P02D7	Cylinder 6 Fuel Injector Offset Learning At Max Limit
P02D8	Cylinder 7 Fuel Injector Offset Learning At Min Limit
P02D9	Cylinder 7 Fuel Injector Offset Learning At Max Limit
P02DA	Cylinder 8 Fuel Injector Offset Learning At Min Limit
P02DB	Cylinder 8 Fuel Injector Offset Learning At Max Limit
P02DC	Cylinder 9 Fuel Injector Offset Learning At Min Limit

Codes	Definition
P02DD	Cylinder 9 Fuel Injector Offset Learning At Max Limit
P02DE	Cylinder 10 Fuel Injector Offset Learning At Min Limit
P02DF	Cylinder 10 Fuel Injector Offset Learning At Max Limit
P02E0	Diesel Intake Air Flow Control Circuit/Open
P02E1	Diesel Intake Air Flow Control Performance
P02E2	Diesel Intake Air Flow Control Circuit Low
P02E3	Diesel Intake Air Flow Control Circuit High
P02E4	Diesel Intake Air Flow Control Stuck Open
P02E5	Diesel Intake Air Flow Control Stuck Closed
P02E6	Diesel Intake Air Flow Position Sensor Circuit
P02E7	Diesel Intake Air Flow Position Sensor Circuit Range/Performance
P02E8	Diesel Intake Air Flow Position Sensor Circuit Low
P02E9	Diesel Intake Air Flow Position Sensor Circuit High
P02EA	Diesel Intake Air Flow Position Sensor Circuit Intermittent/Erratic
P02EB	Diesel Intake Air Flow Control Motor Current Range/Performance
P02EC	Diesel Intake Air Flow Control System - High Air Flow Detected
P02ED	Diesel Intake Air Flow Control System - Low Air Flow Detected
P02EE	Cylinder #1 Injector Circuit Range/Performance
P02EF	Cylinder #2 Injector Circuit Range/Performance
P02F0	Cylinder #e Injector Circuit Range/Performance
P02F1	Cylinder #4 Injector Circuit Range/Performance
P02F2	Cylinder #5 Injector Circuit Range/Performance
P02F3	Cylinder #6 Injector Circuit Range/Performance
P02F4	Cylinder #7 Injector Circuit Range/Performance
P02F5	Cylinder #8 Injector Circuit Range/Performance
P02F6	Cylinder #9 Injector Circuit Range/Performance
P02F7	Cylinder #10 Injector Circuit Range/Performance
P02F8	Cylinder #11 Injector Circuit Range/Performance
P02F9	Cylinder #12 Injector Circuit Range/Performance
P02FA	Diesel Intake Air Flow Position Sensor Min/Max Stop Performance
P02FB	ISO/SAE Reserved
P02FC	ISO/SAE Reserved
P02FD	ISO/SAE Reserved
P02FE	ISO/SAE Reserved
P02FF	ISO/SAE Reserved
P0300	Random/Multiple Cylinder Misfire Detected
P0301	Cylinder #1 Misfire Detected
P0302	Cylinder 2 Misfire Detected
P0303	Cylinder #3 Misfire Detected
P0304	Cylinder #4 Misfire Detected
P0305	Cylinder #5 Misfire Detected
P0306	Cylinder 6 Misfire Detected
P0307	Cylinder #7 Misfire Detected
P0308	Cylinder #8 Misfire Detected

Codes	Definition
P0309	Cylinder #9 Misfire Detected
P030A	ISO/SAE Reserved
P030B	ISO/SAE Reserved
P030C	ISO/SAE Reserved
P030D	ISO/SAE Reserved
P030E	ISO/SAE Reserved
P030F	ISO/SAE Reserved
P0310	Cylinder #10 Misfire Detected
P0311	Cylinder #11 Misfire Detected
P0312	Cylinder #12 Misfire Detected
P0313	Misfire Detected with Low Fuel
P0314	Single Cylinder Misfire (Cylinder not Specified)
P0315	Crankshaft Position System Variation Not Learned
P0316	Engine Misfire Detected on Startup (First 1000 Revolutions)
P0317	Rough Road Hardware Not Present
P0318	Rough Road Sensor A Signal Circuit
P0319	Rough Road Sensor B Signal Circuit
P031A	ISO/SAE Reserved
P031B	ISO/SAE Reserved
P031C	ISO/SAE Reserved
P031D	ISO/SAE Reserved
P031E	ISO/SAE Reserved
P031F	ISO/SAE Reserved
P0320	Ignition/Distributor Engine Speed Input Circuit
P0321	Ignition/Distributor Engine Speed Input Circuit Range / Performance
P0322	Ignition/Distributor Engine Speed Input Circuit Low
P0323	Ignition/Distributor Engine Speed Input Circuit High
P0324	Knock Control System Error
P0325	Knock Sensor Circuit Malfunction
P0326	Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0327	Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
P0328	Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0329	Knock Sensor Circuit Intermittent (Bank 1)
P032A	Knock Sensor 3 Circuit Malfunction (Bank 1)
P032B	Knock Sensor 3 Circuit Range/Performance (Bank 1)
P032C	Knock Sensor 3 Circuit Low (Bank 1)
P032D	Knock Sensor 3 Circuit High Voltage (Bank 1)
P032E	Knock Sensor 3 Circuit Intermittent (Bank 1)
P0330	Knock Sensor 2 Circuit Malfunction (Bank 2)
P0331	Knock Sensor 2 Circuit Range/Performance (Bank 2)
P0332	Knock Sensor 2 Circuit Low Input (Bank 2)
P0333	Knock Sensor 2 Circuit High Input (Bank 2)
P0334	Knock Sensor 2 Circuit Intermittent (Bank 2)
P0335	Crankshaft Position Sensor A Circuit Malfunction

Codes	Definition
P0336	Crankshaft Position Sensor A Circuit Range/Performance
P0337	Crankshaft Position Sensor Circuit A Low Input
P0338	Crankshaft Position Sensor A Circuit High Input
P0339	Crankshaft Position Sensor B Circuit Intermittent
P033A	Knock Sensor 4 Circuit Malfunction (Bank 2)
P033B	Knock Sensor 4 Circuit Range/Performance (Bank 2)
P033C	Knock Sensor 4 Circuit Low (Bank 2)
P033D	Knock Sensor 4 Circuit High Voltage (Bank 2)
P033E	Knock Sensor 4 Circuit Intermittent (Bank 2)
P033F	ISO/SAE Reserved
P0340	Camshaft Position Sensor Circuit Malfunction
P0341	Camshaft Position Sensor Circuit Range/Performance
P0342	Camshaft Position Sensor "A" Circuit Low (Bank 1)
P0343	Camshaft Position Sensor A Circuit High Input (Bank 1)
P0344	Camshaft Position Sensor A Circuit Intermittent (Bank 1)
P0345	Camshaft Position Sensor A Circuit Malfunction (Bank 2)
P0346	Camshaft Position Sensor A Circuit Range/Performance Bank 2
P0347	Camshaft Position Sensor "A" Circuit Low (Bank 2)
P0348	Camshaft Position Sensor A Circuit High Input (Bank 2)
P0349	Camshaft Position Sensor A Circuit Intermittent (Bank 2)
P034A	ISO/SAE Reserved
P034B	ISO/SAE Reserved
P034C	ISO/SAE Reserved
P034D	ISO/SAE Reserved
P034E	ISO/SAE Reserved
P034F	ISO/SAE Reserved
P0350	Ignition Coil Primary/Secondary Circuit Malfunction
P0351	Ignition Coil A Primary/Secondary Circuit Malfunction
P0352	Ignition Coil B Primary/Secondary Circuit Malfunction
P0353	Ignition Coil C Primary/Secondary Circuit Malfunction
P0354	Ignition Coil D Primary/Secondary Circuit Malfunction
P0355	Ignition Coil E Primary/Secondary Circuit Malfunction
P0356	Ignition Coil F Primary/Secondary Circuit Malfunction
P0357	Ignition Coil G Primary/Secondary Circuit Malfunction
P0358	Ignition Coil H Primary/Secondary Circuit Malfunction
P0359	Ignition Coil I Primary/Secondary Circuit Malfunction
P035A	ISO/SAE Reserved
P035B	ISO/SAE Reserved
P035C	ISO/SAE Reserved
P035D	ISO/SAE Reserved
P035E	ISO/SAE Reserved
P035F	ISO/SAE Reserved
P0360	Ignition Coil J Primary/Secondary Circuit Malfunction
P0361	Ignition Coil K Primary/Secondary Circuit Malfunction

Codes	Definition
P0362	Ignition Coil L Primary/Secondary Circuit Malfunction
P0363	Misfire Detected - Fueling Disabled
P0364	ISO/SAE Reserved
P0365	Camshaft Position Sensor "B" Circuit Bank 1
P0366	Camshaft Position Sensor B Circuit Range/Performance Bank 1
P0367	Camshaft Position Sensor "B" Circuit Low (Bank 1)
P0368	Camshaft Position Sensor "B" Circuit High Input (Bank 1)
P0369	Camshaft Position Sensor B Circuit Intermittent (Bank 1)
P036A	ISO/SAE Reserved
P036B	ISO/SAE Reserved
P036C	ISO/SAE Reserved
P036D	ISO/SAE Reserved
P036E	ISO/SAE Reserved
P036F	ISO/SAE Reserved
P0370	Timing Reference High Resolution Signal A Malfunction
P0371	Timing Reference High Resolution Signal A Too Many Pulses
P0372	Timing Reference High Resolution Signal A Too Few Pulses
P0373	Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
P0374	Timing Reference High Resolution Signal A No Pulses
P0375	Timing Reference High Resolution Signal B Malfunction
P0376	Timing Reference High Resolution Signal B Too Many Pulses
P0377	Timing Reference High Resolution Signal B Too Few Pulses
P0378	Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
P0379	Timing Reference High Resolution Signal B No Pulses
P037A	ISO/SAE Reserved
P037B	ISO/SAE Reserved
P037C	ISO/SAE Reserved
P037D	Glow Plug Sense Circuit
P037E	Glow Plug Sense Circuit Low
P037F	Glow Plug Sense Circuit High
P0380	Glow Plug/Heater Circuit "A"
P0381	Glow Plug/Heater Indicator Circuit Malfunction
P0382	Glow Plug/Heater Circuit "B"
P0383	Glow Plug Control Module Circuit Low
P0384	Glow Plug Control Module Circuit High
P0385	Crankshaft Position Sensor B Circuit Malfunction
P0386	Crankshaft Position Sensor B Circuit Range/Performance
P0387	Crankshaft Position Sensor B Circuit Low Input
P0388	Crankshaft Position Sensor B Circuit High Input
P0389	Crankshaft Position Sensor B Circuit Intermittent
P038A	ISO/SAE Reserved
P038B	ISO/SAE Reserved
P038C	ISO/SAE Reserved
P038D	ISO/SAE Reserved

Codes	Definition
P038E	ISO/SAE Reserved
P038F	ISO/SAE Reserved
P0390	Camshaft Position Sensor B Circuit Malfunction (Bank 2)
P0391	Camshaft Position Sensor "B" Circuit Range/Performance Bank 2
P0392	Camshaft Position Sensor "B" Circuit Low Bank 2
P0393	Camshaft Position Sensor B Circuit High Input (Bank 2)
P0394	Camshaft Position Sensor "B" Circuit Intermittent (Bank 2)
P0395	ISO/SAE Reserved
P0396	ISO/SAE Reserved
P0397	ISO/SAE Reserved
P0398	ISO/SAE Reserved
P0399	ISO/SAE Reserved
P039A	ISO/SAE Reserved
P039B	ISO/SAE Reserved
P039C	ISO/SAE Reserved
P039D	ISO/SAE Reserved
P039E	ISO/SAE Reserved
P039F	ISO/SAE Reserved
P03A0	ISO/SAE Reserved
P03A1	ISO/SAE Reserved
P03A2	ISO/SAE Reserved
P03A3	ISO/SAE Reserved
P03A4	ISO/SAE Reserved
P03A5	ISO/SAE Reserved
P03A6	ISO/SAE Reserved
P03A7	ISO/SAE Reserved
P03A8	ISO/SAE Reserved
P03A9	ISO/SAE Reserved
P03AA	ISO/SAE Reserved
P03AB	ISO/SAE Reserved
P03AC	ISO/SAE Reserved
P03AD	ISO/SAE Reserved
P03AE	ISO/SAE Reserved
P03AF	ISO/SAE Reserved
P03B0	ISO/SAE Reserved
P03B1	ISO/SAE Reserved
P03B2	ISO/SAE Reserved
P03B3	ISO/SAE Reserved
P03B4	ISO/SAE Reserved
P03B5	ISO/SAE Reserved
P03B6	ISO/SAE Reserved
P03B7	ISO/SAE Reserved
P03B8	ISO/SAE Reserved
P03B9	ISO/SAE Reserved

Codes	Definition
P03BA	ISO/SAE Reserved
P03BB	ISO/SAE Reserved
P03BC	ISO/SAE Reserved
P03BD	ISO/SAE Reserved
P03BE	ISO/SAE Reserved
P03BF	ISO/SAE Reserved
P03C0	ISO/SAE Reserved
P03C1	ISO/SAE Reserved
P03C2	ISO/SAE Reserved
P03C3	ISO/SAE Reserved
P03C4	ISO/SAE Reserved
P03C5	ISO/SAE Reserved
P03C6	ISO/SAE Reserved
P03C7	ISO/SAE Reserved
P03C8	ISO/SAE Reserved
P03C9	ISO/SAE Reserved
P03CA	ISO/SAE Reserved
P03CB	ISO/SAE Reserved
P03CC	ISO/SAE Reserved
P03CD	ISO/SAE Reserved
P03CE	ISO/SAE Reserved
P03CF	ISO/SAE Reserved
P03D0	ISO/SAE Reserved
P03D1	ISO/SAE Reserved
P03D2	ISO/SAE Reserved
P03D3	ISO/SAE Reserved
P03D4	ISO/SAE Reserved
P03D5	ISO/SAE Reserved
P03D6	ISO/SAE Reserved
P03D7	ISO/SAE Reserved
P03D8	ISO/SAE Reserved
P03D9	ISO/SAE Reserved
P03DA	ISO/SAE Reserved
P03DB	ISO/SAE Reserved
P03DC	ISO/SAE Reserved
P03DD	ISO/SAE Reserved
P03DE	ISO/SAE Reserved
P03DF	ISO/SAE Reserved
P03E0	ISO/SAE Reserved
P03E1	ISO/SAE Reserved
P03E2	ISO/SAE Reserved
P03E3	ISO/SAE Reserved
P03E4	ISO/SAE Reserved
P03E5	ISO/SAE Reserved

Codes	Definition
P03E6	ISO/SAE Reserved
P03E7	ISO/SAE Reserved
P03E8	ISO/SAE Reserved
P03E9	ISO/SAE Reserved
P03EA	ISO/SAE Reserved
P03EB	ISO/SAE Reserved
P03EC	ISO/SAE Reserved
P03ED	ISO/SAE Reserved
P03EE	ISO/SAE Reserved
P03EF	ISO/SAE Reserved
P03F0	ISO/SAE Reserved
P03F1	ISO/SAE Reserved
P03F2	ISO/SAE Reserved
P03F3	ISO/SAE Reserved
P03F4	ISO/SAE Reserved
P03F5	ISO/SAE Reserved
P03F6	ISO/SAE Reserved
P03F7	ISO/SAE Reserved
P03F8	ISO/SAE Reserved
P03F9	ISO/SAE Reserved
P03FA	ISO/SAE Reserved
P03FB	ISO/SAE Reserved
P03FC	ISO/SAE Reserved
P03FD	ISO/SAE Reserved
P03FE	ISO/SAE Reserved
P03FF	ISO/SAE Reserved
P0400	Exhaust Gas Recirculation (EGR) Flow Malfunction
P0401	Insufficient Exhaust Gas Recirculation (EGR) Flow
P0402	Exhaust Gas Recirculation Flow (EGR) Excessive Detected
P0403	Exhaust Gas Recirculation "A" Control Circuit
P0404	Exhaust Gas Recirculation "A" Circuit Range/Performance
P0405	Exhaust Gas Recirculation Sensor A Circuit Low
P0406	Exhaust Gas Recirculation Sensor A Circuit High
P0407	Exhaust Gas Recirculation Sensor B Circuit Low
P0408	Exhaust Gas Recirculation Sensor B Circuit High
P0409	Exhaust Gas Recirculation Sensor "A" Circuit
P040A	Exhaust Gas Recirculation Temperature Sensor A Circuit
P040B	Exhaust Gas Recirculation Temperature Sensor A Circuit Range/Performance
P040C	Exhaust Gas Recirculation Temperature Sensor A Circuit Low
P040D	Exhaust Gas Recirculation Temperature Sensor A Circuit High
P040E	Exhaust Gas Recirculation Temperature Sensor A Circuit Intermittent/Erratic
P040F	Exhaust Gas Recirculation Temperature Sensor A/B Correlation

Codes	Definition
P0410	Secondary Air Injection System Malfunction
P0411	Secondary Air Injection System Incorrect Flow Detected
P0412	Secondary Air Injection System Switching Valve A Circuit Malfunction
P0413	Secondary Air Injection System Switching Valve A Circuit Open
P0414	Secondary Air Injection System Switching Valve A Circuit Shorted
P0415	Secondary Air Injection System Switching Valve B Circuit Malfunction
P0416	Secondary Air Injection System Switching Valve B Circuit Open
P0417	Secondary Air Injection System Switching Valve B Circuit Shorted
P0418	Secondary Air Injection System Relay A Circuit Malfunction
P0419	Secondary Air Injection System Relay B Circuit Malfunction
P041A	Exhaust Gas Recirculation Temperature Sensor B Circuit
P041B	Exhaust Gas Recirculation Temperature Sensor B Circuit Range/Performance
P041C	Exhaust Gas Recirculation Temperature Sensor B Circuit Low
P041D	Exhaust Gas Recirculation Temperature Sensor B Circuit High
P041E	Exhaust Gas Recirculation Temperature Sensor B Circuit Intermittent/Erratic
P041F	Secondary Air Injection System Switching Valve A Circuit Low
P0420	Catalyst System Efficiency Below Threshold (Bank 1)
P0421	Warm Up Catalyst Efficiency Below Threshold (Bank 1)
P0422	Main Catalyst Efficiency Below Threshold (Bank 1)
P0423	Heated Catalyst Efficiency Below Threshold (Bank 1)
P0424	Heated Catalyst Temperature Below Threshold (Bank 1)
P0425	Catalyst Temperature Sensor Circuit Malfunction (Bank 1, Sensor 1)
P0426	Catalyst Temperature Sensor Circuit Range/Performance (Bank 1, Sensor 1)
P0427	Catalyst Temperature Sensor Circuit Low (Bank 1, Sensor 1)
P0428	Catalyst Temperature Sensor Circuit High (Bank 1, Sensor 1)
P0429	Catalyst Heater Control Circuit (Bank 1)
P042A	Catalyst Temperature Sensor Circuit Malfunction (Bank 1, Sensor 2)
P042B	Catalyst Temperature Sensor Circuit Range/Performance (Bank 1, Sensor 2)
P042C	Catalyst Temperature Sensor Circuit Low (Bank 1, Sensor 2)
P042D	Catalyst Temperature Sensor Circuit High (Bank 1, Sensor 2)
P042E	Exhaust Gas Recirculation A Control Stuck Open
P042F	Exhaust Gas Recirculation A Control Stuck Closed
P0430	Catalyst System Efficiency Below Threshold (Bank 2)
P0431	Warm Up Catalyst Efficiency Below Threshold (Bank 2)
P0432	Main Catalyst Efficiency Below Threshold (Bank 2)
P0433	Heated Catalyst Efficiency Below Threshold (Bank 2)
P0434	Heated Catalyst Temperature Below Threshold (Bank 1)
P0435	Catalyst Temperature Sensor Circuit Malfunction (Bank 2, Sensor 1)
P0436	Catalyst Temperature Sensor Circuit Range/Performance (Bank 2, Sensor 1)
P0437	Catalyst Temperature Sensor Circuit Low (Bank 2, Sensor 1)
P0438	Catalyst Temperature Sensor Circuit High (Bank 2, Sensor 1)
P0439	Catalyst Heater Control Circuit (Bank 2)

Codes	Definition
P043A	Catalyst Temperature Sensor Circuit Malfunction (Bank 2, Sensor 2)
P043B	Catalyst Temperature Sensor Circuit Range/Performance (Bank 2, Sensor 2)
P043C	Catalyst Temperature Sensor Circuit Low (Bank 2, Sensor 2)
P043D	Catalyst Temperature Sensor Circuit High (Bank 2, Sensor 2)
P043E	Evaporative Emission System Leak Detection Reference Orifice Low Flow
P043F	Evaporative Emission System Leak Detection Reference Orifice High Flow
P0440	Evaporative Emission Control System Malfunction
P0441	Evaporative Emission Control System Incorrect Purge Flow
P0442	Evaporative Emission Control System Leak Detected (small leak)
P0443	Evaporative Emission Control System Purge Control Valve Circuit
P0444	Evaporative Emission Control System Purge Control Valve Circuit Open
P0445	Evaporative Emission Control System Purge Control Valve Circuit Shorted
P0446	Evaporative Emission Control System Vent Control Circuit Malfunction
P0447	Evaporative Emission Control System Vent Valve/Solenoid Circuit Open
P0448	Evaporative Emission Control System Vent Valve/Solenoid Circuit Shorted
P0449	Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
P044A	Exhaust Gas Recirculation Sensor "C" Circuit
P044B	Exhaust Gas Recirculation Sensor "C" Circuit Range/Performance
P044C	Exhaust Gas Recirculation Sensor C Circuit Low
P044D	Exhaust Gas Recirculation Sensor C Circuit High
P044E	Exhaust Gas Recirculation Sensor "C" Circuit Intermittent/Erratic
P044F	Secondary Air Injection System Switching Valve A Circuit High
P0450	Evaporative Emission Control System Pressure Sensor Malfunction
P0451	Evaporative Emission Control System Pressure Sensor Range/Performance
P0452	Evaporative Emission System Pressure Sensor/Switch Low
P0453	Evaporative Emissions Control System Pressure Sensor High Input
P0454	Evaporative Emission Control System Pressure Sensor Intermittent
P0455	Evaporative Emission Control System Leak Detected (no purge flow or large leak)
P0456	Evaporative Emissions System - Small leak detected
P0457	Evaporative Emission Control System (EVAP) Leak Detected
P0458	Evaporative Emission System Purge Control Valve Circuit Low
P0459	Evaporative Emission System Purge Control Valve Circuit High
P045A	Exhaust Gas Recirculation "B" Control Circuit
P045B	Exhaust Gas Recirculation "B" Control Circuit Range/Performance
P045C	Exhaust Gas Recirculation "B" Control Circuit Low
P045D	Exhaust Gas Recirculation "B" Control Circuit High
P045E	Exhaust Gas Recirculation B Control Stuck Open
P045F	Exhaust Gas Recirculation B Control Stuck Closed
P0460	Fuel Level Sensor Circuit Malfunction
P0461	Fuel Level Sensor Circuit Range/Performance
P0462	Fuel Level Sensor Circuit Low Input
P0463	Fuel Level Sensor Circuit High Input

Codes	Definition
P0464	Fuel Level Sensor Circuit Intermittent
P0465	Purge Flow Sensor Circuit Malfunction
P0466	Purge Flow Sensor Circuit Range/Performance
P0467	Purge Flow Sensor Circuit Low
P0468	Purge Flow Sensor Circuit High
P0469	Purge Flow Sensor Circuit Intermittent
P046A	Catalyst Temperature Sensor 1/2 Correlation (Bank 1)
P046B	Catalyst Temperature Sensor 1/2 Correlation (Bank 2)
P046C	Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance
P046D	Exhaust Gas Recirculation Sensor "A" Circuit Intermittent/Erratic
P046E	Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance
P046F	Exhaust Gas Recirculation Sensor "B" Circuit Intermittent/Erratic
P0470	Exhaust Pressure Sensor Malfunction
P0471	Exhaust Pressure Sensor Range/Performance
P0472	Exhaust Pressure Sensor Low Input
P0473	Exhaust Pressure Sensor High Input
P0474	Exhaust Pressure Sensor Circuit "A" Intermittent/Erratic
P0475	Exhaust Pressure Control Valve "A"
P0476	Exhaust Pressure Control Valve "A" Range/Performance
P0477	Exhaust Pressure Control Valve "A" Low
P0478	Exhaust Pressure Control Valve "A" High
P0479	Exhaust Pressure Control Valve "A" Intermittent
P047A	Exhaust Pressure Sensor "B" Malfunction
P047B	Exhaust Pressure Sensor "B" Range/Performance
P047C	Exhaust Pressure Sensor "B" Low Input
P047D	Exhaust Pressure Sensor "B" High Input
P047E	Exhaust Pressure Sensor Circuit "B" Intermittent/Erratic
P047F	Exhaust Pressure Control Valve A Stuck Open
P0480	Cooling Fan Relay 1 Control Circuit
P0481	Cooling Fan Relay 2 Control Circuit
P0482	Cooling Fan Relay 2 Control Circuit
P0483	Cooling Fan Rationality Check Malfunction
P0484	Cooling Fan Circuit Over Current
P0485	Cooling Fan Power/Ground Circuit Malfunction
P0486	Exhaust Gas Recirculation Sensor "B" Circuit
P0487	Exhaust Gas Recirculation (EGR) Throttle Control Circuit "A" Open
P0488	Exhaust Gas Recirculation Throttle Position Control Range/Performance
P0489	Exhaust Gas Recirculation "A" Control Circuit Low
P048A	Exhaust Pressure Control Valve A Stuck Closed
P048B	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048C	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Range/Performance
P048D	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Low
P048E	Exhaust Pressure Control Valve Position Sensor/Switch Circuit High

Codes	Definition
P048F	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Intermittent
P0490	Exhaust Gas Recirculation "A" Control Circuit High
P0491	Secondary Air Injection System Insufficient Flow (Bank 1)
P0492	Secondary Air Injection System Insufficient Flow (Bank 2)
P0493	Fan Overspeed
P0494	Fan Speed Low
P0495	Fan Speed High
P0496	EVAP (evaporative emission) Flow During A Non-Purge Condition
P0497	Evaporative Emission System Low Purge Flow
P0498	Evaporative Emission System Vent Valve Control Circuit Low
P0499	Evaporative Emission System Vent Valve Control Circuit High
P049A	Exhaust Gas Recirculation B Flow
P049B	Exhaust Gas Recirculation B Flow Insufficient Detected
P049C	Exhaust Gas Recirculation B Flow Excessive Detected
P049D	Exhaust Gas Recirculation A Control Position Exceeded Learning Limit
P049E	Exhaust Gas Recirculation B Control Position Exceeded Learning Limit
P049F	Exhaust Pressure Control Valve "B"
P04A0	Exhaust Pressure Control Valve "B" Range/Performance
P04A1	Exhaust Pressure Control Valve "B" Low
P04A2	Exhaust Pressure Control Valve "B" High
P04A3	Exhaust Pressure Control Valve "B" Intermittent
P04A4	Exhaust Pressure Control Valve B Stuck Open
P04A5	Exhaust Pressure Control Valve B Stuck Closed
P04A6	Exhaust Pressure Control Valve B Position Sensor/Switch Circuit
P04A7	Exhaust Pressure Control Valve B Position Sensor/Switch Circuit Range/Performance
P04A8	Exhaust Pressure Control Valve B Position Sensor/Switch Circuit Low
P04A9	Exhaust Pressure Control Valve B Position Sensor/Switch Circuit High
P04AA	Exhaust Pressure Control Valve B Position Sensor/Switch Circuit Intermittent
P04AB	ISO/SAE Reserved
P04AC	ISO/SAE Reserved
P04AD	ISO/SAE Reserved
P04AE	ISO/SAE Reserved
P04AF	ISO/SAE Reserved
P04B0	ISO/SAE Reserved
P04B1	ISO/SAE Reserved
P04B2	ISO/SAE Reserved
P04B3	ISO/SAE Reserved
P04B4	ISO/SAE Reserved
P04B5	ISO/SAE Reserved
P04B6	ISO/SAE Reserved
P04B7	ISO/SAE Reserved
P04B8	ISO/SAE Reserved

Codes	Definition
P04B9	ISO/SAE Reserved
P04BA	ISO/SAE Reserved
P04BB	ISO/SAE Reserved
P04BC	ISO/SAE Reserved
P04BD	ISO/SAE Reserved
P04BE	ISO/SAE Reserved
P04BF	ISO/SAE Reserved
P04C0	ISO/SAE Reserved
P04C1	ISO/SAE Reserved
P04C2	ISO/SAE Reserved
P04C3	ISO/SAE Reserved
P04C4	ISO/SAE Reserved
P04C5	ISO/SAE Reserved
P04C6	ISO/SAE Reserved
P04C7	ISO/SAE Reserved
P04C8	ISO/SAE Reserved
P04C9	ISO/SAE Reserved
P04CA	ISO/SAE Reserved
P04CB	ISO/SAE Reserved
P04CC	ISO/SAE Reserved
P04CD	ISO/SAE Reserved
P04CE	ISO/SAE Reserved
P04CF	ISO/SAE Reserved
P04D0	ISO/SAE Reserved
P04D1	ISO/SAE Reserved
P04D2	ISO/SAE Reserved
P04D3	ISO/SAE Reserved
P04D4	ISO/SAE Reserved
P04D5	ISO/SAE Reserved
P04D6	ISO/SAE Reserved
P04D7	ISO/SAE Reserved
P04D8	ISO/SAE Reserved
P04D9	ISO/SAE Reserved
P04DA	ISO/SAE Reserved
P04DB	ISO/SAE Reserved
P04DC	ISO/SAE Reserved
P04DD	ISO/SAE Reserved
P04DE	ISO/SAE Reserved
P04DF	ISO/SAE Reserved
P04E0	ISO/SAE Reserved
P04E1	ISO/SAE Reserved
P04E2	ISO/SAE Reserved
P04E3	ISO/SAE Reserved
P04E4	ISO/SAE Reserved

Codes	Definition
P04E5	ISO/SAE Reserved
P04E6	ISO/SAE Reserved
P04E7	ISO/SAE Reserved
P04E8	ISO/SAE Reserved
P04E9	ISO/SAE Reserved
P04EA	ISO/SAE Reserved
P04EB	ISO/SAE Reserved
P04EC	ISO/SAE Reserved
P04ED	ISO/SAE Reserved
P04EE	ISO/SAE Reserved
P04EF	ISO/SAE Reserved
P04F0	ISO/SAE Reserved
P04F1	ISO/SAE Reserved
P04F2	ISO/SAE Reserved
P04F3	ISO/SAE Reserved
P04F4	ISO/SAE Reserved
P04F5	ISO/SAE Reserved
P04F6	ISO/SAE Reserved
P04F7	ISO/SAE Reserved
P04F8	ISO/SAE Reserved
P04F9	ISO/SAE Reserved
P04FA	ISO/SAE Reserved
P04FB	ISO/SAE Reserved
P04FC	ISO/SAE Reserved
P04FD	ISO/SAE Reserved
P04FE	ISO/SAE Reserved
P04FF	ISO/SAE Reserved
P0500	Vehicle Speed Sensor "A" Malfunction
P0501	Vehicle Speed Sensor "A" Range/Performance
P0502	Vehicle Speed Sensor A Low Input
P0503	Vehicle Speed Sensor A Intermittent
P0504	Brake Switch A/B Correlation
P0505	IAC (Idle Air Control) System Malfunction
P0506	Idle Air Control (IAC) System RPM Lower Than Expected
P0507	Idle Air Control System RPM Higher Than Expected
P0508	Idle Air Control Circuit Low
P0509	Idle Air Control Circuit High
P050A	Cold Start Idle Air Control System Performance
P050B	Cold Start Ignition Timing Performance
P050C	Cold Start Engine Coolant Temperature Performance
P050D	Cold Start Rough Idle
P050E	Cold Start Engine Exhaust Temperature Too Low
P050F	Brake Assist Vacuum Too Low
P0510	Closed Throttle Position Switch Malfunction

Codes	Definition
P0511	Idle Air Control Circuit
P0512	Starter Request Circuit
P0513	Incorrect Immobilizer Key
P0514	Battery Temperature Sensor Circuit Range/Performance
P0515	Battery Temperature Sensor Circuit
P0516	Battery Temperature Sensor Circuit Low
P0517	Battery Temperature Sensor Circuit High
P0518	Idle Air Control Circuit Intermittent
P0519	Idle Air Control System Performance
P051A	Crankcase Pressure Sensor Circuit
P051B	Crankcase Pressure Sensor Circuit Range/Performance
P051C	Crankcase Pressure Sensor Circuit Low
P051D	Crankcase Pressure Sensor Circuit High
P051E	Crankcase Pressure Sensor Circuit Intermittent/Erratic
P051F	Positive Crankcase Ventilation Filter Restriction
P0520	Engine Oil Pressure Sensor/Switch Circuit
P0521	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Engine Oil Pressure Sensor/Switch Low
P0523	Engine Oil Pressure Sensor/Switch High
P0524	Engine Oil Pressure Too Low
P0525	Cruise Control Servo Control Circuit Range/Performance
P0526	Cooling Fan Speed Sensor Circuit
P0527	Fan Speed Sensor Circuit Range/Performance
P0528	Fan Speed Sensor Circuit No Signal
P0529	Fan Speed Sensor Circuit Intermittent
P052A	Cold Start A Camshaft Position Timing Over-Advanced Bank 1
P052B	Cold Start A Camshaft Position Timing Over-Retarded Bank 1
P052C	Cold Start A Camshaft Position Timing Over-Advanced Bank 2
P052D	Cold Start A Camshaft Position Timing Over-Retarded Bank 2
P052E	Positive Crankcase Ventilation Regulator Valve Performance
P052F	ISO/SAE Reserved
P0530	A/C Refrigerant Pressure Sensor A Circuit Malfunction
P0531	A/C Refrigerant Pressure Sensor A Circuit Range/Performance
P0532	A/C Refrigerant Pressure Sensor A Circuit Low
P0533	A/C Refrigerant Pressure Sensor A Circuit High
P0534	Air Conditioner Refrigerant Charge Loss
P0535	A/C Evaporator Temperature Sensor Circuit
P0536	A/C Evaporator Temperature Sensor Circuit Range/Performance
P0537	A/C Evaporator Temperature Sensor Circuit Low
P0538	A/C Evaporator Temperature Sensor Circuit High
P0539	A/C Evaporator Temperature Sensor Circuit Intermittent
P053A	Positive Crankcase Ventilation Heater Control Circuit /Open
P053B	Positive Crankcase Ventilation Heater Control Circuit Low
P053C	Positive Crankcase Ventilation Heater Control Circuit High

Codes	Definition
P053D	ISO/SAE Reserved
P053E	ISO/SAE Reserved
P053F	ISO/SAE Reserved
P0540	Intake Air Heater "A" Circuit
P0541	Intake Air Heater "A" Circuit Low
P0542	Intake Air Heater "A" Circuit High
P0543	Intake Air Heater "A" Circuit Open
P0544	Exhaust Gas Temperature (EGT) Sensor Circuit (Malfunction) Bank 1 Sensor 1
P0545	Exhaust Gas Temperature (EGT) Sensor Circuit Low Bank 1 Sensor 1
P0546	Exhaust Gas Temperature (EGT) Sensor Circuit High Bank 1 Sensor 1
P0547	Exhaust Gas Temperature (EGT) Sensor Circuit (Malfunction) Bank 2 Sensor 1
P0548	Exhaust Gas Temperature (EGT) Sensor Circuit Low Bank 2 Sensor 1
P0549	Exhaust Gas Temperature (EGT) Sensor Circuit High Bank 2 Sensor 1
P054A	Cold Start B Camshaft Position Timing Over-Advanced Bank 1
P054B	Cold Start B Camshaft Position Timing Over-Retarded Bank 1
P054C	Cold Start B Camshaft Position Timing Over-Advanced Bank 2
P054D	Cold Start B Camshaft Position Timing Over-Retarded Bank 2
P054E	ISO/SAE Reserved
P054F	ISO/SAE Reserved
P0550	Power Steering Pressure Sensor Circuit Malfunction
P0551	Power Steering Pressure Sensor Circuit Range/Performance
P0552	Power Steering Pressure Sensor Circuit Low
P0553	Power Steering Pressure Sensor Circuit High
P0554	Power Steering Pressure Sensor Circuit Intermittent
P0555	Brake Booster Pressure Sensor Circuit
P0556	Brake Booster Pressure Sensor Circuit Range/Performance
P0557	Brake Booster Pressure Sensor Circuit Low
P0558	Brake Booster Pressure Sensor Circuit High
P0559	Brake Booster Pressure Sensor Circuit Intermittent
P055A	ISO/SAE Reserved
P055B	ISO/SAE Reserved
P055C	ISO/SAE Reserved
P055D	ISO/SAE Reserved
P055E	ISO/SAE Reserved
P055F	ISO/SAE Reserved
P0560	System Voltage Malfunction
P0561	System Voltage Unstable
P0562	System Voltage Low
P0563	System Voltage High
P0564	Cruise Control Multi-Function Input A Circuit
P0565	Cruise Control On Signal Malfunction
P0566	Cruise Control Off Signal Malfunction

Codes	Definition
P0567	Cruise Control Resume Signal Malfunction
P0568	Cruise Control Set Signal Malfunction
P0569	Cruise Control Coast Signal Malfunction
P056A	Cruise Control Increase Distance Signal
P056B	Cruise Control Decrease Distance Signal
P056C	ISO/SAE Reserved
P056D	ISO/SAE Reserved
P056E	ISO/SAE Reserved
P056F	ISO/SAE Reserved
P0570	Cruise Control Accel Signal Malfunction
P0571	Cruise Control/Brake Switch A Circuit Malfunction
P0572	Cruise Control/Brake Switch A Circuit Low
P0573	Cruise Control/Brake Switch A Circuit High
P0574	Cruise Control - 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
P057A	ISO/SAE Reserved
P057B	ISO/SAE Reserved
P057C	ISO/SAE Reserved
P057D	ISO/SAE Reserved
P057E	ISO/SAE Reserved
P057F	ISO/SAE Reserved
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
P058A	ISO/SAE Reserved
P058B	ISO/SAE Reserved
P058C	ISO/SAE Reserved
P058D	ISO/SAE Reserved
P058E	ISO/SAE Reserved
P058F	ISO/SAE Reserved
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

Codes	Definition
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
P059A	ISO/SAE Reserved
P059B	ISO/SAE Reserved
P059C	ISO/SAE Reserved
P059D	ISO/SAE Reserved
P059E	ISO/SAE Reserved
P059F	ISO/SAE Reserved
P05A0	ISO/SAE Reserved
P05A1	ISO/SAE Reserved
P05A2	ISO/SAE Reserved
P05A3	ISO/SAE Reserved
P05A4	ISO/SAE Reserved
P05A5	ISO/SAE Reserved
P05A6	ISO/SAE Reserved
P05A7	ISO/SAE Reserved
P05A8	ISO/SAE Reserved
P05A9	ISO/SAE Reserved
P05AA	ISO/SAE Reserved
P05AB	ISO/SAE Reserved
P05AC	ISO/SAE Reserved
P05AD	ISO/SAE Reserved
P05AE	ISO/SAE Reserved
P05AF	ISO/SAE Reserved
P05B0	ISO/SAE Reserved
P05B1	ISO/SAE Reserved
P05B2	ISO/SAE Reserved
P05B3	ISO/SAE Reserved
P05B4	ISO/SAE Reserved
P05B5	ISO/SAE Reserved
P05B6	ISO/SAE Reserved
P05B7	ISO/SAE Reserved
P05B8	ISO/SAE Reserved
P05B9	ISO/SAE Reserved
P05BA	ISO/SAE Reserved
P05BB	ISO/SAE Reserved
P05BC	ISO/SAE Reserved
P05BD	ISO/SAE Reserved
P05BE	ISO/SAE Reserved

Codes	Definition
P05BF	ISO/SAE Reserved
P05C0	ISO/SAE Reserved
P05C1	ISO/SAE Reserved
P05C2	ISO/SAE Reserved
P05C3	ISO/SAE Reserved
P05C4	ISO/SAE Reserved
P05C5	ISO/SAE Reserved
P05C6	ISO/SAE Reserved
P05C7	ISO/SAE Reserved
P05C8	ISO/SAE Reserved
P05C9	ISO/SAE Reserved
P05CA	ISO/SAE Reserved
P05CB	ISO/SAE Reserved
P05CC	ISO/SAE Reserved
P05CD	ISO/SAE Reserved
P05CE	ISO/SAE Reserved
P05CF	ISO/SAE Reserved
P05D0	ISO/SAE Reserved
P05D1	ISO/SAE Reserved
P05D2	ISO/SAE Reserved
P05D3	ISO/SAE Reserved
P05D4	ISO/SAE Reserved
P05D5	ISO/SAE Reserved
P05D6	ISO/SAE Reserved
P05D7	ISO/SAE Reserved
P05D8	ISO/SAE Reserved
P05D9	ISO/SAE Reserved
P05DA	ISO/SAE Reserved
P05DB	ISO/SAE Reserved
P05DC	ISO/SAE Reserved
P05DD	ISO/SAE Reserved
P05DE	ISO/SAE Reserved
P05DF	ISO/SAE Reserved
P05E0	ISO/SAE Reserved
P05E1	ISO/SAE Reserved
P05E2	ISO/SAE Reserved
P05E3	ISO/SAE Reserved
P05E4	ISO/SAE Reserved
P05E5	ISO/SAE Reserved
P05E6	ISO/SAE Reserved
P05E7	ISO/SAE Reserved
P05E8	ISO/SAE Reserved
P05E9	ISO/SAE Reserved
P05EA	ISO/SAE Reserved

Codes	Definition
P05EB	ISO/SAE Reserved
P05EC	ISO/SAE Reserved
P05ED	ISO/SAE Reserved
P05EE	ISO/SAE Reserved
P05EF	ISO/SAE Reserved
P05F0	ISO/SAE Reserved
P05F1	ISO/SAE Reserved
P05F2	ISO/SAE Reserved
P05F3	ISO/SAE Reserved
P05F4	ISO/SAE Reserved
P05F5	ISO/SAE Reserved
P05F6	ISO/SAE Reserved
P05F7	ISO/SAE Reserved
P05F8	ISO/SAE Reserved
P05F9	ISO/SAE Reserved
P05FA	ISO/SAE Reserved
P05FB	ISO/SAE Reserved
P05FC	ISO/SAE Reserved
P05FD	ISO/SAE Reserved
P05FE	ISO/SAE Reserved
P05FF	ISO/SAE Reserved
P0600	Serial Communication Link Malfunction
P0601	Internal Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Internal Control Module Random Access Memory (RAM) Error
P0605	Internal Control Module Read Only Memory (ROM) Error
P0606	PCM / ECM Processor Fault
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 Coolant Temperature Performance
P0610	Control Module Vehicle Options Error
P0611	Fuel Injector Control Module Performance
P0612	Fuel Injector Control Module Relay Control
P0613	TCM Processor
P0614	ECM/TCM Incompatible
P0615	Starter Relay Circuit
P0616	Starter Relay Circuit Low

Codes	Definition
P0617	Starter Relay Circuit High
P0618	Alternative Fuel Control Module 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 Brake Signal Performance
P0620	Generator Control Circuit Malfunction
P0621	Generator Lamp L Control Circuit Malfunction
P0622	Generator Field F Control Circuit Malfunction
P0623	Generator Lamp Control Circuit
P0624	Fuel Cap Lamp Control Circuit
P0625	Generator Field/F Terminal Circuit Low
P0626	Generator Field/F Terminal Circuit High
P0627	Fuel Pump A Control Circuit /Open
P0628	Fuel Pump A Control Circuit Low
P0629	Fuel Pump A Control Circuit High
P062A	Fuel Pump A Control Circuit Range/Performance
P062B	Internal Control Module Fuel Injector Control Performance
P062C	Internal Control Module Vehicle Speed Performance
P062D	Fuel Injector Driver Circuit Performance Bank 1
P062E	Fuel Injector Driver Circuit Performance Bank 2
P062F	Internal Control Module EEPROM Error
P0630	VIN Not Programmed or Incompatible - ECM/PCM
P0631	VIN Not Programmed or Incompatible - TCM
P0632	Odometer Not Programmed - ECM/PCM
P0633	Immobilizer Key Not Programmed - ECM/PCM
P0634	PCM/ECM/TCM Internal Temperature Too High
P0635	Power Steering Control Circuit
P0636	Power Steering Control Circuit Low
P0637	Power Steering Control Circuit High
P0638	Throttle Actuator Control Range/Performance (Bank 1)
P0639	Throttle Actuator Control Range/Performance (Bank 2)
P063A	Generator Voltage Sense Circuit
P063B	Generator Voltage Sense Circuit Range/Performance
P063C	Generator Voltage Sense Circuit Low
P063D	Generator Voltage Sense Circuit High
P063E	Auto Configuration Throttle Input Not Present
P063F	Auto Configuration Engine Coolant Temperature Input Not Present
P0640	Intake Air Heater Control Circuit
P0641	Sensor Reference Voltage "A" Circuit Open
P0642	Sensor Reference Voltage "A" Circuit Low

Codes	Definition
P0643	Sensor Reference Voltage "A" Circuit High
P0644	Driver Display Serial Communication Circuit
P0645	A/C Clutch Relay Control Circuit
P0646	A/C Clutch Relay Control Circuit Low
P0647	A/C Clutch Relay Control Circuit High
P0648	Immobilizer Lamp Control Circuit
P0649	Speed Control Lamp Control Circuit
P064A	Fuel Pump Control Module
P064B	PTO Control Module
P064C	Glow Plug Control Module
P064D	Internal Control Module O2 Sensor Processor Performance Bank 1
P064E	Internal Control Module O2 Sensor Processor Performance Bank 2
P064F	Unauthorized Software/Calibration Detected
P0650	Malfunction Indicator Lamp (MIL) Control Circuit
P0651	Sensor Reference Voltage "B" Circuit Open
P0652	Sensor Reference Voltage "B" Circuit Low
P0653	Sensor Reference Voltage "B" Circuit High
P0654	Engine RPM Output Circuit Malfunction
P0655	Engine Hot Lamp Output Control Circuit Malfunction
P0656	Fuel Level Output Circuit Malfunction
P0657	Actuator Supply Voltage A Circuit/Open
P0658	Actuator Supply Voltage A Circuit Low
P0659	Actuator Supply Voltage A Circuit High
P065A	Generator System Performance
P065B	Generator Control Circuit Range/Performance
P065C	Generator Mechanical Performance
P065D	Reductant System Malfunction Lamp Control Circuit
P065E	Intake Manifold Tuning Valve Performance Bank 1
P065F	Intake Manifold Tuning Valve Performance Bank 2
P0660	Intake Manifold Tuning Valve Control Circuit/Open 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/Open 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
P066A	Cylinder #1 Glow Plug Circuit Low
P066B	Cylinder #1 Glow Plug Circuit High
P066C	Cylinder #2 Glow Plug Circuit Low
P066D	Cylinder #2 Glow Plug Circuit High
P066E	Cylinder #3 Glow Plug Circuit Low

Codes	Definition
P066F	Cylinder #3 Glow Plug Circuit High
P0670	Glow Plug Control Module Circuit Fault
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
P067A	Cylinder #4 Glow Plug Circuit Low
P067B	Cylinder #4 Glow Plug Circuit High
P067C	Cylinder #5 Glow Plug Circuit Low
P067D	Cylinder #5 Glow Plug Circuit High
P067E	Cylinder #6 Glow Plug Circuit Low
P067F	Cylinder #6 Glow Plug Circuit High
P0680	Cylinder #10 Glow Plug Circuit
P0681	Cylinder #11 Glow Plug Circuit
P0682	Cylinder #12 Glow Plug Circuit
P0683	Glow Plug Control Module to PCM Communication Circuit
P0684	Glow Plug Control Module to PCM Communication Circuit Range/Performance
P0685	ECM/PCM Power Relay Control Circuit Open
P0686	ECM/PCM Power Relay Control Circuit Low
P0687	ECM/PCM Power Relay Control Circuit High
P0688	ECM/PCM Power Relay Sense Circuit Open
P0689	ECM/PCM Power Relay Sense Circuit Low
P068A	ECM/PCM Power Relay De-Energized Performance - Too Early
P068B	ECM/PCM Power Relay De-Energized Performance - Too Late
P068C	Cylinder #7 Glow Plug Circuit Low
P068D	Cylinder #7 Glow Plug Circuit High
P068E	Cylinder #8 Glow Plug Circuit Low
P068F	Cylinder #8 Glow Plug Circuit High
P0690	ECM/PCM Power Relay Sense Circuit High
P0691	Cooling Fan 1 Relay Control Circuit Low
P0692	Cooling Fan 1 Relay Control Circuit High
P0693	Cooling Fan 2 Relay Control Circuit Low
P0694	Cooling Fan 2 Relay Control Circuit High
P0695	Cooling Fan 3 Relay Control Circuit Low
P0696	Cooling Fan 3 Relay Control Circuit High
P0697	Sensor Reference Voltage "C" Circuit Open
P0698	Sensor Reference Voltage "C" Circuit Low
P0699	Sensor Reference Voltage "C" Circuit High

Codes	Definition
P069A	Cylinder #9 Glow Plug Circuit Low
P069B	Cylinder #9 Glow Plug Circuit High
P069C	Cylinder #10 Glow Plug Circuit Low
P069D	Cylinder #10 Glow Plug Circuit High
P069E	Fuel Pump Control Module Requested MIL Illumination
P069F	Throttle Actuator Control Lamp Control Circuit
P06A0	Variable A/C Compressor Control Circuit
P06A1	Variable A/C Compressor Control Circuit Low
P06A2	Variable A/C Compressor Control Circuit High
P06A3	Sensor Reference Voltage "D" Circuit Open
P06A4	Sensor Reference Voltage "D" Circuit Low
P06A5	Sensor Reference Voltage "D" Circuit High
P06A6	Sensor Reference Voltage A Circuit Range/Performance
P06A7	Sensor Reference Voltage B Circuit Range/Performance
P06A8	Sensor Reference Voltage C Circuit Range/Performance
P06A9	Sensor Reference Voltage D Circuit Range/Performance
P06AA	PCM/ECM/TCM Internal Temperature B Too High
P06AB	PCM/ECM/TCM Internal Temperature Sensor B Circuit
P06AC	PCM/ECM/TCM Internal Temperature Sensor B Range/Performance
P06AD	PCM/ECM/TCM Internal Temperature Sensor B Circuit Low
P06AE	PCM/ECM/TCM Internal Temperature Sensor B Circuit High
P06AF	Torque Management System - Forced Engine Shutdown
P06B0	Sensor Power Supply A Circuit Open
P06B1	Sensor Power Supply A Circuit Low
P06B2	Sensor Power Supply A Circuit High
P06B3	Sensor Power Supply B Circuit Open
P06B4	Sensor Power Supply B Circuit Low
P06B5	Sensor Power Supply B Circuit High
P06B6	Internal Control Module Knock Sensor Processor 1 Performance
P06B7	Internal Control Module Knock Sensor Processor 2 Performance
P06B8	Internal Control Module Non-Volatile Random Access Memory (NVRAM) Error
P06B9	Cylinder 1 Glow Plug Circuit Range/Performance
P06BA	Cylinder 2 Glow Plug Circuit Range/Performance
P06BB	Cylinder 3 Glow Plug Circuit Range/Performance
P06BC	Cylinder 4 Glow Plug Circuit Range/Performance
P06BD	Cylinder 5 Glow Plug Circuit Range/Performance
P06BE	Cylinder 6 Glow Plug Circuit Range/Performance
P06BF	Cylinder 7 Glow Plug Circuit Range/Performance
P06C0	Cylinder 8 Glow Plug Circuit Range/Performance
P06C1	Cylinder 9 Glow Plug Circuit Range/Performance
P06C2	Cylinder 10 Glow Plug Circuit Range/Performance
P06C3	Cylinder 11 Glow Plug Circuit Range/Performance
P06C4	Cylinder 12 Glow Plug Circuit Range/Performance

Codes	Definition
P06C5	Cylinder 1 Glow Plug Incorrect
P06C6	Cylinder 2 Glow Plug Incorrect
P06C7	Cylinder 3 Glow Plug Incorrect
P06C8	Cylinder 4 Glow Plug Incorrect
P06C9	Cylinder 5 Glow Plug Incorrect
P06CA	Cylinder 6 Glow Plug Incorrect
P06CB	Cylinder 7 Glow Plug Incorrect
P06CC	Cylinder 8 Glow Plug Incorrect
P06CD	Cylinder 9 Glow Plug Incorrect
P06CE	Cylinder 10 Glow Plug Incorrect
P06CF	Cylinder 11 Glow Plug Incorrect
P06D0	Cylinder 12 Glow Plug Incorrect
P06D1	Internal Control Module Ignition Coil Control Performance
P06D2	ISO/SAE Reserved
P06D3	ISO/SAE Reserved
P06D4	ISO/SAE Reserved
P06D5	ISO/SAE Reserved
P06D6	ISO/SAE Reserved
P06D7	ISO/SAE Reserved
P06D8	ISO/SAE Reserved
P06D9	ISO/SAE Reserved
P06DA	ISO/SAE Reserved
P06DB	ISO/SAE Reserved
P06DC	ISO/SAE Reserved
P06DD	ISO/SAE Reserved
P06DE	ISO/SAE Reserved
P06DF	ISO/SAE Reserved
P06E0	ISO/SAE Reserved
P06E1	ISO/SAE Reserved
P06E2	ISO/SAE Reserved
P06E3	ISO/SAE Reserved
P06E4	ISO/SAE Reserved
P06E5	ISO/SAE Reserved
P06E6	ISO/SAE Reserved
P06E7	ISO/SAE Reserved
P06E8	ISO/SAE Reserved
P06E9	ISO/SAE Reserved
P06EA	ISO/SAE Reserved
P06EB	ISO/SAE Reserved
P06EC	ISO/SAE Reserved
P06ED	ISO/SAE Reserved
P06EE	ISO/SAE Reserved
P06EF	ISO/SAE Reserved
P06F0	ISO/SAE Reserved

Codes	Definition
P06F1	ISO/SAE Reserved
P06F2	ISO/SAE Reserved
P06F3	ISO/SAE Reserved
P06F4	ISO/SAE Reserved
P06F5	ISO/SAE Reserved
P06F6	ISO/SAE Reserved
P06F7	ISO/SAE Reserved
P06F8	ISO/SAE Reserved
P06F9	ISO/SAE Reserved
P06FA	ISO/SAE Reserved
P06FB	ISO/SAE Reserved
P06FC	ISO/SAE Reserved
P06FD	ISO/SAE Reserved
P06FE	ISO/SAE Reserved
P06FF	ISO/SAE Reserved
P0700	Transmission Control System TCS Malfunction
P0701	Transmission Control System Range/Performance
P0702	Transmission Control System Electrical
P0703	Torque Converter/Brake Switch B Circuit Malfunction
P0704	Clutch Switch Input Circuit Malfunction
P0705	Transmission Range Sensor Circuit Malfunction (PRNDL input)
P0706	Transmission Range Sensor "A" Circuit Range/Performance
P0707	Transmission Range Sensor "A" Circuit Low
P0708	Transmission Range Sensor "A" Circuit High
P0709	Transmission Range Sensor "A" Circuit High
P070A	Transmission Fluid Level Sensor Circuit
P070B	Transmission Fluid Level Sensor Circuit Range/Performance
P070C	Transmission Fluid Level Sensor Circuit Low
P070D	Transmission Fluid Level Sensor Circuit High
P070E	Transmission Fluid Level Sensor Circuit Intermittent/Erratic
P070F	Transmission Fluid Level Too Low
P0710	Transmission Fluid Temperature Sensor A Circuit Malfunction
P0711	Transmission Fluid Temperature Sensor A Circuit Range/Performance
P0712	Transmission Fluid Temperature Sensor A Circuit Low Input
P0713	Transmission Fluid Temperature Sensor A Circuit High Input
P0714	Transmission Fluid Temperature Sensor A Circuit Intermittent
P0715	Input/Turbine Speed Sensor A Circuit
P0716	Input/Turbine Speed Sensor A Circuit Range/Performance
P0717	Input/Turbine Speed Sensor A Circuit No Signal
P0718	Input/Turbine Speed Sensor A Circuit Intermittent
P0719	Torque Converter/Brake Switch B Circuit Low
P071A	Transmission Mode Switch A Circuit
P071B	Transmission Mode Switch A Circuit Low
P071C	Transmission Mode Switch A Circuit High

Codes	Definition
P071D	Transmission Mode Switch B Circuit
P071E	Transmission Mode Switch B Circuit Low
P071F	Transmission Mode Switch B Circuit High
P0720	Output Speed Sensor Circuit Malfunction
P0721	Output Speed Sensor Range/Performance
P0722	Output Speed Sensor No Signal
P0723	Output Speed Sensor Intermittent
P0724	Torque Converter/Brake Switch B Circuit High
P0725	Engine Speed Input Circuit Malfunction
P0726	Engine Speed Input Circuit Range/Performance
P0727	Engine Speed Input Circuit No Signal
P0728	Engine Speed Input Circuit Intermittent
P0729	Gear 6 Incorrect Ratio
P072A	Stuck In Neutral
P072B	Stuck In Reverse
P072C	Stuck In Gear 1
P072E	Stuck In Gear 3
P072F	Stuck In Gear 4
P0730	Incorrect Gear Ratio
P0731	Gear 1 Incorrect Ratio
P0732	Gear 2 Incorrect Ratio
P0733	Gear 3 Incorrect Ratio
P0734	Gear 4 Incorrect Ratio
P0735	Gear 5 Incorrect Ratio
P0736	Reverse Incorrect Gear Ratio
P0737	TCM Engine Speed Output Circuit
P0738	TCM Engine Speed Output Circuit Low
P0739	TCM Engine Speed Output Circuit High
P073A	Stuck In Gear 5
P073B	Stuck In Gear 6
P073C	Stuck In Gear 7
P073D	Unable to engage Neutral
P073E	Unable to engage Reverse
P073F	Unable to engage Gear 1
P0740	Torque Converter Clutch Circuit Malfunction
P0741	Torque Converter Clutch Circuit Performance or Stuck Off
P0742	Torque Converter Clutch Circuit Stuck On
P0743	Torque Converter Clutch (TCC) Solenoid Circuit Electrical
P0744	Torque Converter Clutch Circuit Intermittent
P0745	Pressure Control Solenoid A Malfunction
P0746	Pressure Control Solenoid A Performance Or Stuck Off
P0747	Pressure Control Solenoid A Stuck On
P0748	Pressure Control Solenoid A Electrical
P0749	Pressure Control Solenoid A Intermittent

Codes	Definition
P074A	Unable to engage Gear 2
P074B	Unable to engage Gear 3
P074C	Unable to engage Gear 4
P074D	Unable to engage Gear 5
P074E	Unable to engage Gear 6
P074F	Unable to engage Gear 7
P0750	Shift Solenoid A Malfunction
P0751	Shift Solenoid A Performance / Stuck Off
P0752	Shift Solenoid A Stuck On
P0753	Shift Solenoid A Electrical
P0754	Shift Solenoid A Intermittent
P0755	Shift Solenoid B Malfunction
P0756	Shift Solenoid B Performance / Stuck Off
P0757	Shift Solenoid B Stuck On
P0758	Shift Solenoid B Electrical
P0759	Shift Solenoid B Intermittent
P075A	Shift Solenoid G Malfunction
P075B	Shift Solenoid G Performance / Stuck Off
P075C	Shift Solenoid G Stuck On
P075D	Shift Solenoid G Electrical
P075E	Shift Solenoid G Intermittent
P075F	Transmission Fluid Level Too High
P0760	Shift Solenoid C Malfunction
P0761	Shift Solenoid C Performance / Stuck Off
P0762	Shift Solenoid C Stuck On
P0763	Shift Solenoid C Electrical
P0764	Shift Solenoid C Intermittent
P0765	Shift Solenoid D Malfunction
P0766	Shift Solenoid D Performance / Stuck Off
P0767	Shift Solenoid D Stuck On
P0768	Shift Solenoid D Electrical
P0769	Shift Solenoid D Intermittent
P076A	Shift Solenoid H Malfunction
P076B	Shift Solenoid H Performance / Stuck Off
P076C	Shift Solenoid H Stuck On
P076D	Shift Solenoid H Electrical
P076E	Shift Solenoid H Intermittent
P076F	Gear 6 Incorrect Ratio
P0770	Shift Solenoid E Malfunction
P0771	Shift Solenoid E Performance / Stuck Off
P0772	Shift Solenoid E Stuck On
P0773	Shift Solenoid E Electrical
P0774	Shift Solenoid E Intermittent
P0775	Pressure Control Solenoid B Malfunction

Codes	Definition
P0776	Pressure Control Solenoid B Performance Or Stuck Off
P0777	Pressure Control Solenoid B Stuck On
P0778	Pressure Control Solenoid B Electrical
P0779	Pressure Control Solenoid B Intermittent
P077A	Output Speed Sensor Circuit - Loss Of Direction Signal
P077B	Output Speed Sensor Circuit - Direction Signal
P077C	ISO/SAE Reserved
P077D	ISO/SAE Reserved
P077E	ISO/SAE Reserved
P077F	ISO/SAE Reserved
P0780	Shift Malfunction
P0781	1-2 Shift Malfunction
P0782	2-3 Shift Malfunction
P0783	3-4 Shift Malfunction
P0784	4-5 Shift Malfunction
P0785	Shift Timing Solenoid A Malfunction
P0786	Shift Timing Solenoid A Range/Performance
P0787	Shift Timing Solenoid A Low
P0788	Shift Timing Solenoid A High
P0789	Shift Timing Solenoid A Intermittent
P078A	Shift Timing Solenoid B Malfunction
P078B	Shift Timing Solenoid B Range/Performance
P078C	Shift Timing Solenoid B Low
P078D	Shift Timing Solenoid B High
P078E	Shift Timing Solenoid B Intermittent
P0790	Normal/Performance Switch Circuit Malfunction
P0791	Intermediate Shaft Speed Sensor A Circuit
P0792	Intermediate Shaft Speed Sensor A Circuit Range/Performance
P0793	Intermediate Shaft Speed Sensor A Circuit No Signal
P0794	Intermediate Shaft Speed Sensor A Circuit Intermittent
P0795	Pressure Control Solenoid C Malfunction
P0796	Pressure Control Solenoid C Performance Or Stuck Off
P0797	Pressure Control Solenoid C Stuck On
P0798	Pressure Control Solenoid C Electrical
P0799	Pressure Control Solenoid C Intermittent
P079A	Transmission Friction Element A Slip Detected
P079B	Transmission Friction Element B Slip Detected
P079C	Transmission Friction Element C Slip Detected
P079D	Transmission Friction Element D Slip Detected
P079E	Transmission Friction Element E Slip Detected
P079F	Transmission Friction Element F Slip Detected
P07A0	Transmission Friction Element G Slip Detected
P07A1	Transmission Friction Element H Slip Detected
P07A2	Transmission Friction Element A Performance/Stuck Off

Codes	Definition
P07A3	Transmission Friction Element A Stuck On
P07A4	Transmission Friction Element B Performance/Stuck Off
P07A5	Transmission Friction Element B Stuck On
P07A6	Transmission Friction Element C Performance/Stuck Off
P07A7	Transmission Friction Element C Stuck On
P07A8	Transmission Friction Element D Performance/Stuck Off
P07A9	Transmission Friction Element D Stuck On
P07AA	Transmission Friction Element E Performance/Stuck Off
P07AB	Transmission Friction Element E Stuck On
P07AC	Transmission Friction Element F Performance/Stuck Off
P07AD	Transmission Friction Element F Stuck On
P07AE	Transmission Friction Element G Performance/Stuck Off
P07AF	Transmission Friction Element G Stuck On
P07B0	Transmission Friction Element H Performance/Stuck Off
P07B1	Transmission Friction Element H Stuck On
P07B2	Transmission Park Position Sensor/Switch A Circuit Open
P07B3	Transmission Park Position Sensor/Switch A Circuit Low
P07B4	Transmission Park Position Sensor/Switch A Circuit High
P07B5	Transmission Park Position Sensor/Switch A Circuit Performance Low
P07B6	Transmission Park Position Sensor/Switch A Circuit Performance High
P07B7	Transmission Park Position Sensor/Switch A Circuit Intermittent/Erratic
P07B8	Transmission Park Position Sensor/Switch B Circuit Open
P07B9	Transmission Park Position Sensor/Switch B Circuit Low
P07BA	Transmission Park Position Sensor/Switch B Circuit High
P07BB	Transmission Park Position Sensor/Switch B Circuit Performance Low
P07BC	Transmission Park Position Sensor/Switch B Circuit Performance High
P07BD	Transmission Park Position Sensor/Switch B Circuit Intermittent/Erratic
P07BE	Transmission Park Position Sensor/Switch A/B Circuit Correlation
P07BF	ISO/SAE Reserved
P07C0	ISO/SAE Reserved
P07C1	ISO/SAE Reserved
P07C2	ISO/SAE Reserved
P07C3	ISO/SAE Reserved
P07C4	ISO/SAE Reserved
P07C5	ISO/SAE Reserved
P07C6	ISO/SAE Reserved
P07C7	ISO/SAE Reserved
P07C8	ISO/SAE Reserved
P07C9	ISO/SAE Reserved
P07CA	ISO/SAE Reserved
P07CB	ISO/SAE Reserved
P07CC	ISO/SAE Reserved
P07CD	ISO/SAE Reserved
P07CE	ISO/SAE Reserved

Codes	Definition
P07CF	ISO/SAE Reserved
P07D0	ISO/SAE Reserved
P07D1	ISO/SAE Reserved
P07D2	ISO/SAE Reserved
P07D3	ISO/SAE Reserved
P07D4	ISO/SAE Reserved
P07D5	ISO/SAE Reserved
P07D6	ISO/SAE Reserved
P07D7	ISO/SAE Reserved
P07D8	ISO/SAE Reserved
P07D9	ISO/SAE Reserved
P07DA	ISO/SAE Reserved
P07DB	ISO/SAE Reserved
P07DC	ISO/SAE Reserved
P07DD	ISO/SAE Reserved
P07DE	ISO/SAE Reserved
P07DF	ISO/SAE Reserved
P07E0	ISO/SAE Reserved
P07E1	ISO/SAE Reserved
P07E2	ISO/SAE Reserved
P07E3	ISO/SAE Reserved
P07E4	ISO/SAE Reserved
P07E5	ISO/SAE Reserved
P07E6	ISO/SAE Reserved
P07E7	ISO/SAE Reserved
P07E8	ISO/SAE Reserved
P07E9	ISO/SAE Reserved
P07EA	ISO/SAE Reserved
P07EB	ISO/SAE Reserved
P07EC	ISO/SAE Reserved
P07ED	ISO/SAE Reserved
P07EE	ISO/SAE Reserved
P07EF	ISO/SAE Reserved
P07F0	ISO/SAE Reserved
P07F1	ISO/SAE Reserved
P07F2	ISO/SAE Reserved
P07F3	ISO/SAE Reserved
P07F4	ISO/SAE Reserved
P07F5	ISO/SAE Reserved
P07F6	ISO/SAE Reserved
P07F7	ISO/SAE Reserved
P07F8	ISO/SAE Reserved
P07F9	ISO/SAE Reserved
P07FA	ISO/SAE Reserved

Codes	Definition
P07FB	ISO/SAE Reserved
P07FC	ISO/SAE Reserved
P07FD	ISO/SAE Reserved
P07FE	ISO/SAE Reserved
P07FF	ISO/SAE Reserved
P0800	Transfer Case Control System (MIL Request)
P0801	Reverse Inhibit Control Circuit Malfunction
P0802	Transmission Control System MIL Request Circuit/Open
P0803	1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
P0804	1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
P0805	Clutch Position Sensor Circuit
P0806	Clutch Position Sensor Circuit Range/Performance
P0807	Clutch Position Sensor Circuit Low
P0808	Clutch Position Sensor Circuit High
P0809	Clutch Position Sensor Circuit Intermittent
P080A	Clutch Position Not Learned
P080B	Upshift/Skip Shift Solenoid Control Circuit Range/Performance
P080C	Upshift/Skip Shift Solenoid Control Circuit Low
P080D	Upshift/Skip Shift Solenoid Control Circuit High
P080E	ISO/SAE Reserved
P080F	ISO/SAE Reserved
P0810	Clutch Position Control Error
P0811	Excessive Clutch Slippage
P0812	Reverse Input Circuit
P0813	Reverse Output Circuit
P0814	Transmission Range Display Circuit
P0815	Upshift Switch Circuit
P0816	Downshift Switch Circuit
P0817	Starter Disable Circuit
P0818	Driveline Disconnect Switch Input Circuit
P0819	Up and Down Shift Switch to Transmission Range Correlation
P081A	Starter Disable Circuit Low
P081B	Starter Disable Circuit High
P081C	Park Input Circuit
P081D	Neutral Input Circuit
P081E	Excessive Clutch B Slippage
P081F	ISO/SAE Reserved
P0820	Gear Lever X-Y Position Sensor Circuit
P0821	Gear Lever X Position Circuit
P0822	Gear Lever Y Position Circuit
P0823	Gear Lever X Position Circuit Intermittent
P0824	Gear Lever Y Position Circuit Intermittent
P0825	Gear Lever Push-Pull Switch (Shift Anticipate)
P0826	Up and Down Shift Switch Circuit

Codes	Definition
P0827	Up and Down Shift Switch Circuit Low
P0828	Up and Down Shift Switch Circuit High
P0829	5-6 Shift Malfunction
P082A	Gear Lever X Position Circuit Range/Performance
P082B	Gear Lever X Position Circuit Low
P082C	Gear Lever X Position Circuit High
P082D	Gear Lever Y Position Circuit Range/Performance
P082E	Gear Lever Y Position Circuit Low
P082F	Gear Lever Y Position Circuit High
P0830	Clutch Pedal Switch A Circuit
P0831	Clutch Pedal Switch A Circuit Low
P0832	Clutch Pedal Switch A Circuit High
P0833	Clutch Pedal Switch B Circuit
P0834	Clutch Pedal Switch B Circuit Low
P0835	Clutch Pedal Switch B Circuit High
P0836	Four Wheel Drive (4WD) Switch Circuit
P0837	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Four Wheel Drive (4WD) Switch Circuit High
P083A	Transmission Fluid Pressure Sensor / Switch "G" Circuit
P083B	Transmission Fluid Pressure Sensor / Switch "G" Circuit Range Performance
P083C	Transmission Fluid Pressure Sensor / Switch "G" Circuit Low
P083D	Transmission Fluid Pressure Sensor / Switch "G" Circuit High
P083E	Transmission Fluid Pressure Sensor / Switch "G" Circuit Intermittent
P083F	Clutch Pedal Switch A/B Correlation
P0840	Transmission Fluid Pressure Sensor / Switch "A" Circuit
P0841	Transmission Fluid Pressure Sensor / Switch "A" Circuit Range Performance Rationality
P0842	Transmission Fluid Pressure Sensor / Switch "A" Circuit Low
P0843	Transmission Fluid Pressure Sensor / Switch "A" Circuit High
P0844	Transmission Fluid Pressure Sensor / Switch A Circuit Intermittent
P0845	Transmission Fluid Pressure Sensor / Switch "B" Circuit
P0846	Transmission Fluid Pressure Sensor / Switch "B" Circuit Range Performance Rationality
P0847	Transmission Fluid Pressure Sensor / Switch "B" Circuit Low
P0848	Transmission Fluid Pressure Sensor / Switch "B" Circuit High
P0849	Transmission Fluid Pressure Sensor / Switch B Circuit Intermittent
P084A	Transmission Fluid Pressure Sensor / Switch "H" Circuit
P084B	Transmission Fluid Pressure Sensor / Switch "H" Circuit Range Performance
P084C	Transmission Fluid Pressure Sensor / Switch "H" Circuit Low
P084D	Transmission Fluid Pressure Sensor / Switch "H" Circuit High
P084E	Transmission Fluid Pressure Sensor / Switch "H" Circuit Intermittent
P084F	Park/Neutral Switch Output Circuit
P0850	Park/Neutral Switch Input Circuit

Codes	Definition
P0851	Park/Neutral Switch Input Circuit Low
P0852	Park/Neutral Switch Input Circuit High
P0853	Drive Switch Input Circuit
P0854	Drive Switch Input Circuit Low
P0855	Drive Switch Input Circuit High
P0856	Traction Control Input Signal
P0857	Traction Control Input Signal Range/Performance
P0858	Traction Control Input Signal Low
P0859	Traction Control Input Signal High
P085A	Gear Shift Control Module "B" Communication Circuit
P085B	Gear Shift Control Module "B" Communication Circuit Low
P085C	Gear Shift Control Module "B" Communication Circuit High
P085D	Gear Shift Control Module "A" Performance
P085E	Gear Shift Control Module "B" Performance
P085F	ISO/SAE Reserved
P0860	Gear Shift Control Module "A" Communication Circuit
P0861	Gear Shift Control Module "A" Communication Circuit Low
P0862	Gear Shift Control Module "A" Communication Circuit High
P0863	TCM Communication Circuit
P0864	TCM Communication Circuit Range/Performance
P0865	TCM Communication Circuit Low
P0866	TCM Communication Circuit High
P0867	Transmission Fluid Pressure (TFP)
P0868	Transmission Fluid Pressure (TFP) Low
P0869	Transmission Fluid Pressure (TFP) High
P086A	ISO/SAE Reserved
P086B	ISO/SAE Reserved
P086C	ISO/SAE Reserved
P086D	ISO/SAE Reserved
P086E	ISO/SAE Reserved
P086F	ISO/SAE Reserved
P0870	Transmission Fluid Pressure Sensor / Switch "C" Circuit
P0871	Transmission Fluid Pressure Sensor / Switch "C" Circuit Range Performance
P0872	Transmission Fluid Pressure Sensor / Switch "C" Circuit Low
P0873	Transmission Fluid Pressure Sensor / Switch "C" Circuit High
P0874	Transmission Fluid Pressure Sensor / Switch "C" Circuit Intermittent
P0875	Transmission Fluid Pressure Sensor / Switch D Circuit
P0876	Transmission Fluid Pressure Sensor / Switch D Circuit Range Performance Rationality
P0877	Transmission Fluid Pressure Sensor / Switch D Circuit Low
P0878	Transmission Fluid Pressure Sensor / Switch D Circuit High
P0879	Transmission Fluid Pressure Sensor / Switch D Circuit Intermittent
P087A	ISO/SAE Reserved
P087B	ISO/SAE Reserved

Codes	Definition
P087C	ISO/SAE Reserved
P087D	ISO/SAE Reserved
P087E	ISO/SAE Reserved
P087F	ISO/SAE Reserved
P0880	TCM Power Input Signal
P0881	TCM Power Input Signal Range/Performance
P0882	TCM Power Input Signal Low
P0883	TCM Power Input Signal High
P0884	TCM Power Input Signal Intermittent
P0885	TCM Power Relay Control Circuit /Open
P0886	TCM Power Relay Control Circuit Low
P0887	TCM Power Relay Control Circuit High
P0888	TCM Power Relay Sense Circuit
P0889	TCM Power Relay Sense Circuit Range/Performance
P088A	Transmission Fluid Filter Deteriorated
P088B	Transmission Fluid Filter Very Deteriorated
P088C	ISO/SAE Reserved
P088D	ISO/SAE Reserved
P088E	ISO/SAE Reserved
P088F	ISO/SAE Reserved
P0890	TCM Power Relay Sense Circuit Low
P0891	TCM Power Relay Sense Circuit High
P0892	TCM Power Relay Sense Circuit Intermittent
P0893	Multiple Gears Engaged
P0894	Transmission Component Slipping
P0895	Shift Time Too Short
P0896	Shift Time Too Long
P0897	Transmission Fluid Deteriorated
P0898	Transmission Control System MIL Request Circuit Low
P0899	Transmission Control System MIL Request Circuit High
P08A0	ISO/SAE Reserved
P08A1	ISO/SAE Reserved
P08A2	ISO/SAE Reserved
P08A3	ISO/SAE Reserved
P08A4	ISO/SAE Reserved
P08A5	ISO/SAE Reserved
P08A6	ISO/SAE Reserved
P08A7	ISO/SAE Reserved
P08A8	ISO/SAE Reserved
P08A9	ISO/SAE Reserved
P08AA	ISO/SAE Reserved
P08AB	ISO/SAE Reserved
P08AC	ISO/SAE Reserved
P08AD	ISO/SAE Reserved

Codes	Definition
P08AE	ISO/SAE Reserved
P08AF	ISO/SAE Reserved
P08B0	ISO/SAE Reserved
P08B1	ISO/SAE Reserved
P08B2	ISO/SAE Reserved
P08B3	ISO/SAE Reserved
P08B4	ISO/SAE Reserved
P08B5	ISO/SAE Reserved
P08B6	ISO/SAE Reserved
P08B7	ISO/SAE Reserved
P08B8	ISO/SAE Reserved
P08B9	ISO/SAE Reserved
P08BA	ISO/SAE Reserved
P08BB	ISO/SAE Reserved
P08BC	ISO/SAE Reserved
P08BD	ISO/SAE Reserved
P08BE	ISO/SAE Reserved
P08BF	ISO/SAE Reserved
P08C0	ISO/SAE Reserved
P08C1	ISO/SAE Reserved
P08C2	ISO/SAE Reserved
P08C3	ISO/SAE Reserved
P08C4	ISO/SAE Reserved
P08C5	ISO/SAE Reserved
P08C6	ISO/SAE Reserved
P08C7	ISO/SAE Reserved
P08C8	ISO/SAE Reserved
P08C9	ISO/SAE Reserved
P08CA	ISO/SAE Reserved
P08CB	ISO/SAE Reserved
P08CC	ISO/SAE Reserved
P08CD	ISO/SAE Reserved
P08CE	ISO/SAE Reserved
P08CF	ISO/SAE Reserved
P08D0	ISO/SAE Reserved
P08D1	ISO/SAE Reserved
P08D2	ISO/SAE Reserved
P08D3	ISO/SAE Reserved
P08D4	ISO/SAE Reserved
P08D5	ISO/SAE Reserved
P08D6	ISO/SAE Reserved
P08D7	ISO/SAE Reserved
P08D8	ISO/SAE Reserved
P08D9	ISO/SAE Reserved

Codes	Definition
P08DA	ISO/SAE Reserved
P08DB	ISO/SAE Reserved
P08DC	ISO/SAE Reserved
P08DD	ISO/SAE Reserved
P08DE	ISO/SAE Reserved
P08DF	ISO/SAE Reserved
P08E0	ISO/SAE Reserved
P08E1	ISO/SAE Reserved
P08E2	ISO/SAE Reserved
P08E3	ISO/SAE Reserved
P08E4	ISO/SAE Reserved
P08E5	ISO/SAE Reserved
P08E6	ISO/SAE Reserved
P08E7	ISO/SAE Reserved
P08E8	ISO/SAE Reserved
P08E9	ISO/SAE Reserved
P08EA	ISO/SAE Reserved
P08EB	ISO/SAE Reserved
P08EC	ISO/SAE Reserved
P08ED	ISO/SAE Reserved
P08EE	ISO/SAE Reserved
P08EF	ISO/SAE Reserved
P08F0	ISO/SAE Reserved
P08F1	ISO/SAE Reserved
P08F2	ISO/SAE Reserved
P08F3	ISO/SAE Reserved
P08F4	ISO/SAE Reserved
P08F5	ISO/SAE Reserved
P08F6	ISO/SAE Reserved
P08F7	ISO/SAE Reserved
P08F8	ISO/SAE Reserved
P08F9	ISO/SAE Reserved
P08FA	ISO/SAE Reserved
P08FB	ISO/SAE Reserved
P08FC	ISO/SAE Reserved
P08FD	ISO/SAE Reserved
P08FE	ISO/SAE Reserved
P08FF	ISO/SAE Reserved
P0900	Clutch Actuator Circuit/Open
P0901	Clutch Actuator Circuit Range/Performance
P0902	Clutch Actuator Circuit Low
P0903	Clutch Actuator Circuit High
P0904	Gate Select Position Circuit
P0905	Gate Select Position Circuit Range/Performance

Codes	Definition
P0906	Gate Select Position Circuit Low
P0907	Gate Select Position Circuit High
P0908	Gate Select Position Circuit Intermittent
P0909	Gate Select Control Error
P090A	ISO/SAE Reserved
P090B	ISO/SAE Reserved
P090C	ISO/SAE Reserved
P090D	ISO/SAE Reserved
P090E	ISO/SAE Reserved
P090F	ISO/SAE Reserved
P0910	Gate Select Actuator Circuit/Open
P0911	Gate Select Actuator Circuit Range/Performance
P0912	Gate Select Actuator Circuit Low
P0913	Gate Select Actuator Circuit High
P0914	Gear Shift Position Circuit
P0915	Gear Shift Position Circuit Range/Performance
P0916	Gear Shift Position Circuit Low
P0917	Gear Shift Position Circuit High
P0918	Gear Shift Position Circuit Intermittent
P0919	Gear Shift Position Control Error
P091A	ISO/SAE Reserved
P091B	ISO/SAE Reserved
P091C	ISO/SAE Reserved
P091D	ISO/SAE Reserved
P091E	ISO/SAE Reserved
P091F	ISO/SAE Reserved
P0920	Gear Shift Forward Actuator Circuit/Open
P0921	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Gear Shift Forward Actuator Circuit Low
P0923	Gear Shift Forward Actuator Circuit High
P0924	Gear Shift Reverse Actuator Circuit/Open
P0925	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Gear Shift Reverse Actuator Circuit Low
P0927	Gear Shift Reverse Actuator Circuit High
P0928	Gear Shift Lock Solenoid/Actuator Control Circuit "A"/Open
P0929	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Range/Performance
P092A	Gear Shift Lock Solenoid/Actuator Control Circuit "B"/Open
P092B	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Range/Performance
P092C	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Low
P092D	Gear Shift Lock Solenoid/Actuator Control Circuit "B" High
P092E	ISO/SAE Reserved
P092F	ISO/SAE Reserved
P0930	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Low
P0931	Gear Shift Lock Solenoid/Actuator Control Circuit "A" High

Codes	Definition
P0932	Hydraulic Pressure Sensor Circuit
P0933	Hydraulic Pressure Sensor Range/Performance
P0934	Hydraulic Pressure Sensor Circuit Low
P0935	Hydraulic Pressure Sensor Circuit High
P0936	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Hydraulic Oil Temperature Sensor Circuit
P0938	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Hydraulic Oil Temperature Sensor Circuit Low
P093A	ISO/SAE Reserved
P093B	ISO/SAE Reserved
P093C	ISO/SAE Reserved
P093D	ISO/SAE Reserved
P093E	ISO/SAE Reserved
P093F	ISO/SAE Reserved
P0940	Hydraulic Oil Temperature Sensor Circuit High
P0941	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Hydraulic Pressure Unit
P0943	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Hydraulic Pressure Unit Loss of Pressure
P0945	Hydraulic Pump Relay Circuit/Open
P0946	Hydraulic Pump Relay Circuit Range/Performance
P0947	Hydraulic Pump Relay Circuit Low
P0948	Hydraulic Pump Relay Circuit High
P0949	Auto Shift Manual Adaptive Learning Not Complete
P094A	ISO/SAE Reserved
P094B	ISO/SAE Reserved
P094C	ISO/SAE Reserved
P094D	ISO/SAE Reserved
P094E	ISO/SAE Reserved
P094F	ISO/SAE Reserved
P0950	Auto Shift Manual Control Circuit
P0951	Auto Shift Manual Control Circuit Range/Performance
P0952	Auto Shift Manual Control Circuit Low
P0953	Auto Shift Manual Control Circuit High
P0954	Auto Shift Manual Control Circuit Intermittent
P0955	Auto Shift Manual Mode Circuit
P0956	Auto Shift Manual Mode Circuit Range/Performance
P0957	Auto Shift Manual Mode Circuit Low
P0958	Auto Shift Manual Mode Circuit High
P0959	Auto Shift Manual Mode Circuit Intermittent
P095A	ISO/SAE Reserved
P095B	ISO/SAE Reserved
P095C	ISO/SAE Reserved
P095D	ISO/SAE Reserved

Codes	Definition
P095E	ISO/SAE Reserved
P095F	ISO/SAE Reserved
P0960	Pressure Control Solenoid A Control Circuit/Open
P0961	Pressure Control Solenoid A Control Circuit Range/Performance
P0962	Pressure Control Solenoid A Control Circuit Low
P0963	Pressure Control Solenoid A Control Circuit High
P0964	Pressure Control Solenoid B Control Circuit/Open
P0965	Pressure Control Solenoid B Control Circuit Range/Performance
P0966	Pressure Control Solenoid B Control Circuit Low
P0967	Pressure Control Solenoid B Control Circuit High
P0968	Pressure Control Solenoid C Control Circuit/Open
P0969	Pressure Control Solenoid C Control Circuit Range/Performance
P096A	ISO/SAE Reserved
P096B	ISO/SAE Reserved
P096C	ISO/SAE Reserved
P096D	ISO/SAE Reserved
P096E	ISO/SAE Reserved
P096F	ISO/SAE Reserved
P0970	Pressure Control Solenoid C Control Circuit Low
P0971	Pressure Control Solenoid C Control Circuit High
P0972	Shift Solenoid 'A' Control Circuit Range/Performance
P0973	Shift Solenoid 'A' Control Circuit Low
P0974	Shift Solenoid "A" Control Circuit High
P0975	Shift Solenoid "B" Control Circuit Range/Performance
P0976	Shift Solenoid "B" Control Circuit Low
P0977	Shift Solenoid "B" Control Circuit High
P0978	Shift Solenoid "C" Control Circuit Range/Performance
P0979	Shift Solenoid "C" Control Circuit Low
P097A	ISO/SAE Reserved
P097B	ISO/SAE Reserved
P097C	ISO/SAE Reserved
P097D	ISO/SAE Reserved
P097E	ISO/SAE Reserved
P097F	ISO/SAE Reserved
P0980	Shift Solenoid "C" Control Circuit High
P0981	Shift Solenoid "D" Control Circuit Range/Performance
P0982	Shift Solenoid "D" Control Circuit Low
P0983	Shift Solenoid "D" Control Circuit High
P0984	Shift Solenoid "E" Control Circuit Range/Performance
P0985	Shift Solenoid "E" Control Circuit Low
P0986	Shift Solenoid "E" Control Circuit High
P0987	Transmission Fluid Pressure Sensor / Switch "E" Circuit
P0988	Transmission Fluid Pressure Sensor / Switch "E" Circuit Range Performance
P0989	Transmission Fluid Pressure Sensor / Switch "E" Circuit Low

Codes	Definition
P098A	ISO/SAE Reserved
P098B	ISO/SAE Reserved
P098C	ISO/SAE Reserved
P098D	ISO/SAE Reserved
P098E	ISO/SAE Reserved
P098F	ISO/SAE Reserved
P0990	Transmission Fluid Pressure Sensor / Switch "E" Circuit High
P0991	Transmission Fluid Pressure Sensor / Switch "E" Circuit Intermittent
P0992	Transmission Fluid Pressure Sensor / Switch "F" Circuit
P0993	Transmission Fluid Pressure Sensor / Switch "F" Circuit Range Performance
P0994	Transmission Fluid Pressure Sensor / Switch "F" Circuit Low
P0995	Transmission Fluid Pressure Sensor / Switch "F" Circuit High
P0996	Transmission Fluid Pressure Sensor / Switch "F" Circuit Intermittent
P0997	Shift Solenoid "F" Control Circuit Range/Performance
P0998	Shift Solenoid "F" Control Circuit Low
P0999	Shift Solenoid "F" Control Circuit High
P099A	Shift Solenoid "G" Control Circuit Range/Performance
P099B	Shift Solenoid "G" Control Circuit Low
P099C	Shift Solenoid "G" Control Circuit High
P099D	Shift Solenoid "H" Control Circuit Range/Performance
P099E	Shift Solenoid "H" Control Circuit Low
P099F	Shift Solenoid "H" Control Circuit High
P09A0	ISO/SAE Reserved
P09A1	ISO/SAE Reserved
P09A2	ISO/SAE Reserved
P09A3	ISO/SAE Reserved
P09A4	ISO/SAE Reserved
P09A5	ISO/SAE Reserved
P09A6	ISO/SAE Reserved
P09A7	ISO/SAE Reserved
P09A8	ISO/SAE Reserved
P09A9	ISO/SAE Reserved
P09AA	ISO/SAE Reserved
P09AB	ISO/SAE Reserved
P09AC	ISO/SAE Reserved
P09AD	ISO/SAE Reserved
P09AE	ISO/SAE Reserved
P09AF	ISO/SAE Reserved
P09B0	ISO/SAE Reserved
P09B1	ISO/SAE Reserved
P09B2	ISO/SAE Reserved
P09B3	ISO/SAE Reserved
P09B4	ISO/SAE Reserved
P09B5	ISO/SAE Reserved

Codes	Definition
P09B6	ISO/SAE Reserved
P09B7	ISO/SAE Reserved
P09B8	ISO/SAE Reserved
P09B9	ISO/SAE Reserved
P09BA	ISO/SAE Reserved
P09BB	ISO/SAE Reserved
P09BC	ISO/SAE Reserved
P09BD	ISO/SAE Reserved
P09BE	ISO/SAE Reserved
P09BF	ISO/SAE Reserved
P09C0	ISO/SAE Reserved
P09C1	ISO/SAE Reserved
P09C2	ISO/SAE Reserved
P09C3	ISO/SAE Reserved
P09C4	ISO/SAE Reserved
P09C5	ISO/SAE Reserved
P09C6	ISO/SAE Reserved
P09C7	ISO/SAE Reserved
P09C8	ISO/SAE Reserved
P09C9	ISO/SAE Reserved
P09CA	ISO/SAE Reserved
P09CB	ISO/SAE Reserved
P09CC	ISO/SAE Reserved
P09CD	ISO/SAE Reserved
P09CE	ISO/SAE Reserved
P09CF	ISO/SAE Reserved
P09D0	ISO/SAE Reserved
P09D1	ISO/SAE Reserved
P09D2	ISO/SAE Reserved
P09D3	ISO/SAE Reserved
P09D4	ISO/SAE Reserved
P09D5	ISO/SAE Reserved
P09D6	ISO/SAE Reserved
P09D7	ISO/SAE Reserved
P09D8	ISO/SAE Reserved
P09D9	ISO/SAE Reserved
P09DA	ISO/SAE Reserved
P09DB	ISO/SAE Reserved
P09DC	ISO/SAE Reserved
P09DD	ISO/SAE Reserved
P09DE	ISO/SAE Reserved
P09DF	ISO/SAE Reserved
P09E0	ISO/SAE Reserved
P09E1	ISO/SAE Reserved

Codes	Definition
P09E2	ISO/SAE Reserved
P09E3	ISO/SAE Reserved
P09E4	ISO/SAE Reserved
P09E5	ISO/SAE Reserved
P09E6	ISO/SAE Reserved
P09E7	ISO/SAE Reserved
P09E8	ISO/SAE Reserved
P09E9	ISO/SAE Reserved
P09EA	ISO/SAE Reserved
P09EB	ISO/SAE Reserved
P09EC	ISO/SAE Reserved
P09ED	ISO/SAE Reserved
P09EE	ISO/SAE Reserved
P09EF	ISO/SAE Reserved
P09F0	ISO/SAE Reserved
P09F1	ISO/SAE Reserved
P09F2	ISO/SAE Reserved
P09F3	ISO/SAE Reserved
P09F4	ISO/SAE Reserved
P09F5	ISO/SAE Reserved
P09F6	ISO/SAE Reserved
P09F7	ISO/SAE Reserved
P09F8	ISO/SAE Reserved
P09F9	ISO/SAE Reserved
P09FA	ISO/SAE Reserved
P09FB	ISO/SAE Reserved
P09FC	ISO/SAE Reserved
P09FD	ISO/SAE Reserved
P09FE	ISO/SAE Reserved
P09FF	ISO/SAE Reserved
P0A00	Motor Electronics Coolant Temperature Sensor (CTS) Circuit
P0A01	Motor Electronics Coolant Temperature Sensor (CTS) Circuit Range/Performance
P0A02	Motor Electronics Coolant Temperature Sensor (CTS) Circuit Low
P0A03	Motor Electronics Coolant Temperature Sensor (CTS) Circuit High
P0A04	Motor Electronics Coolant Temperature Sensor (CTS) Circuit Intermittent
P0A05	Motor Electronics Coolant Pump "A" Control Circuit/Open
P0A06	Motor Electronics Coolant Pump "A" Control Circuit Low
P0A07	Motor Electronics Coolant Pump "A" Control Circuit High
P0A08	DC/DC Converter Status Circuit
P0A09	DC/DC Converter Status Circuit Low
P0A0A	High Voltage System Interlock Circuit
P0A0B	High Voltage System Interlock Circuit Performance
P0A0C	High Voltage System Interlock Circuit Low

Codes	Definition
P0A0D	High Voltage System Interlock Circuit High
P0A0E	High Voltage System Interlock Circuit Intermittent
P0A0F	Engine Failed to Start
P0A10	DC/DC Converter Status 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 "A" Control Circuit/Open
P0A15	Engine Mount "A" Control Circuit Low
P0A16	Engine Mount "A" 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 (SGCM)
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

Codes	Definition
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

Codes	Definition
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 Electronics Over Temperature
P0A7D	Hybrid Battery Pack State of Charge Low
P0A7E	Hybrid Battery Pack Over Temperature
P0A7F	Hybrid Battery Pack Deterioration
P0A80	Replace Hybrid Battery Pack
P0A81	Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open
P0A82	Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off
P0A83	Hybrid Battery Pack Cooling Fan 1 Stuck On
P0A84	Hybrid Battery Pack Cooling Fan 1 Control Circuit Low
P0A85	Hybrid Battery Pack Cooling Fan 1 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 Performance
P0A90	Drive Motor "A" Performance

Codes	Definition
P0A91	Drive Motor "B" Performance
P0A92	Hybrid Generator Performance
P0A93	Inverter "A" Cooling System Performance
P0A94	DC/DC Converter Performance
P0A95	High Voltage Fuse
P0A96	Hybrid Battery Pack Cooling Fan 2 Control Circuit/Open
P0A97	Hybrid Battery Pack Cooling Fan 2 Performance/Stuck Off
P0A98	Hybrid Battery Pack Cooling Fan 2 Stuck On
P0A99	Hybrid Battery Pack Cooling Fan 2 Control Circuit Low
P0A9A	Hybrid Battery Pack Cooling Fan 2 Control Circuit High
P0A9B	Hybrid Battery Temperature Sensor (BTS) "A" Circuit
P0A9C	Hybrid Battery Temperature Sensor (BTS) "A" Range/Performance
P0A9D	Hybrid Battery Temperature Sensor (BTS) "A" Circuit Low
P0A9E	Hybrid Battery Temperature Sensor (BTS) "A" Circuit High
P0A9F	Hybrid Battery Temperature Sensor (BTS) "A" 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 (ATS) "A" Circuit
P0AAD	Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit Range/Performance
P0AAE	Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit Low
P0AAF	Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit High
P0AB0	Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit Intermittent/Erratic
P0AB1	Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit
P0AB2	Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit
P0AB3	Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit Low
P0AB4	Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit High
P0AB5	Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit Intermittent/Erratic
P0AB6	Engine Mount "B" Control Circuit/Open
P0AB7	Engine Mount "B" Control Circuit Low
P0AB8	Engine Mount "B" Control Circuit High
P0AB9	Hybrid System Performance

Codes	Definition
P0ABA	Hybrid Battery Pack Voltage Sense "A" Circuit
P0ABB	Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance
P0ABC	Hybrid Battery Pack Voltage Sense "A" Circuit Low
P0ABD	Hybrid Battery Pack Voltage Sense "A" Circuit High
P0ABE	Hybrid Battery Pack Voltage Sense "A" Circuit Intermittent/Erratic
P0ABF	Hybrid Battery Pack Current Sensor "A" Circuit
P0AC0	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance
P0AC1	Hybrid Battery Pack Current Sensor "A" Circuit Low
P0AC2	Hybrid Battery Pack Current Sensor "A" Circuit High
P0AC3	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic
P0AC4	Hybrid Powertrain Control Module Requested MIL Illumination
P0AC5	Hybrid Battery Temperature Sensor (BTS) "B" Circuit
P0AC6	Hybrid Battery Temperature Sensor (BTS) "B" Range/Performance
P0AC7	Hybrid Battery Temperature Sensor (BTS) "B" Circuit Low
P0AC8	Hybrid Battery Temperature Sensor (BTS) "B" Circuit High
P0AC9	Hybrid Battery Temperature Sensor (BTS) "B" Circuit Intermittent/Erratic
P0ACA	Hybrid Battery Temperature Sensor (BTS) "C" Circuit
P0ACB	Hybrid Battery Temperature Sensor (BTS) "C" Range/Performance
P0ACC	Hybrid Battery Temperature Sensor (BTS) "C" Circuit Low
P0ACD	Hybrid Battery Temperature Sensor (BTS) "C" Circuit High
P0ACE	Hybrid Battery Temperature Sensor (BTS) "C" Circuit Intermittent/Erratic
P0ACF	Hybrid Battery Pack Cooling Fan 3 Control Circuit/Open
P0AD0	Hybrid Battery Pack Cooling Fan 3 Performance/Stuck Off
P0AD1	Hybrid Battery Pack Cooling Fan 3 Stuck On
P0AD2	Hybrid Battery Pack Cooling Fan 3 Control Circuit Low
P0AD3	Hybrid Battery Pack Cooling Fan 3 Control Circuit High
P0AD4	Hybrid Battery Pack Air Flow System Insufficient Air Flow
P0AD5	Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open
P0AD6	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Range/Performance
P0AD7	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Low
P0AD8	Hybrid Battery Pack Air Flow Valve "A" Control Circuit High
P0AD9	Hybrid Battery Positive Contactor Control Circuit/Open
P0ADA	Hybrid Battery Positive Contactor Control Circuit Range/Performance
P0ADB	Hybrid Battery Positive Contactor Control Circuit Low
P0ADC	Hybrid Battery Positive Contactor Control Circuit High
P0ADD	Hybrid Battery Negative Contactor Control Circuit/Open
P0ADE	Hybrid Battery Negative Contactor Control Circuit Range/Performance
P0ADF	Hybrid Battery Negative Contactor Control Circuit Low
P0AE0	Hybrid Battery Negative Contactor Control Circuit High
P0AE1	Hybrid Battery Precharge Contactor Circuit
P0AE2	Hybrid Battery Precharge Contactor Circuit Stuck Closed
P0AE3	Hybrid Battery Precharge Contactor Circuit Stuck Open
P0AE4	Hybrid Battery Precharge Contactor Control Circuit
P0AE5	Hybrid Battery Precharge Contactor Control Circuit Range/Performance

Codes	Definition
P0AE6	Hybrid Battery Precharge Contactor Control Circuit Low
P0AE7	Hybrid Battery Precharge Contactor Control Circuit High
P0AE8	Hybrid Battery Temperature Sensor (BTS) "D" Circuit
P0AE9	Hybrid Battery Temperature Sensor (BTS) "D" Range/Performance
P0AEA	Hybrid Battery Temperature Sensor (BTS) "D" Circuit Low
P0AEB	Hybrid Battery Temperature Sensor (BTS) "D" Circuit High
P0AEC	Hybrid Battery Temperature Sensor (BTS) "D" Circuit Intermittent/Erratic
P0AED	Drive Motor Inverter Temperature Sensor "A" Circuit
P0AEE	Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance
P0AEF	Drive Motor Inverter Temperature Sensor "A" Circuit Low
P0AF0	Drive Motor Inverter Temperature Sensor "A" Circuit High
P0AF1	Drive Motor Inverter Temperature Sensor "A" Circuit Intermittent/Erratic
P0AF2	Drive Motor Inverter Temperature Sensor "B" Circuit
P0AF3	Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance
P0AF4	Drive Motor Inverter Temperature Sensor "B" Circuit Low
P0AF5	Drive Motor Inverter Temperature Sensor "B" Circuit High
P0AF6	Drive Motor Inverter Temperature Sensor "B" Circuit Intermittent/Erratic
P0AF7	14 Volt Power Module Internal Temperature Too High
P0AF8	Hybrid Battery System Voltage
P0AF9	Hybrid Battery System Voltage Unstable
P0AFA	Hybrid Battery System Voltage Low
P0AFB	Hybrid Battery System Voltage High
P0AFC	Hybrid Battery Pack Sensor Module
P0AFD	Hybrid Battery Pack Temperature Too Low
P0AFE	Hybrid Battery System Voltage Too Low for Voltage Step Up Conversion
P0AFF	System Voltage Too Low for Voltage Step Down Conversion
P0B00	Auxiliary Transmission Fluid Pump Motor Phase U Current
P0B01	Auxiliary Transmission Fluid Pump Motor Phase U Current Low
P0B02	Auxiliary Transmission Fluid Pump Motor Phase U Current High
P0B03	Auxiliary Transmission Fluid Pump Motor Phase V Current
P0B04	Auxiliary Transmission Fluid Pump Motor Phase V Current Low
P0B05	Auxiliary Transmission Fluid Pump Motor Phase V Current High
P0B06	Auxiliary Transmission Fluid Pump Motor Phase W Current
P0B07	Auxiliary Transmission Fluid Pump Motor Phase W Current Low
P0B08	Auxiliary Transmission Fluid Pump Motor Phase W Current High
P0B09	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit/Open
P0B0A	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0B	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0C	Auxiliary Transmission Fluid Pump Hydraulic Leakage
P0B0D	Auxiliary Transmission Fluid Pump Motor Control Module
P0B0E	Hybrid Battery Pack Current Sensor "B" Circuit
P0B0F	Hybrid Battery Pack Current Sensor "B" Circuit Range/Performance
P0B10	Hybrid Battery Pack Current Sensor "B" Circuit Low
P0B11	Hybrid Battery Pack Current Sensor "B" Circuit High

Codes	Definition
P0B12	Hybrid Battery Pack Current Sensor "B" Circuit Intermittent/Erratic
P0B13	Hybrid Battery Pack Current Sensor "A"/"B" Correlation
P0B14	Hybrid Battery Pack Voltage Sense "B" Circuit
P0B15	Hybrid Battery Pack Voltage Sense "B" Circuit Range/Performance
P0B16	Hybrid Battery Pack Voltage Sense "B" Circuit Low
P0B17	Hybrid Battery Pack Voltage Sense "B" Circuit High
P0B18	Hybrid Battery Pack Voltage Sense "B" Circuit Intermittent/Erratic
P0B19	Hybrid Battery Pack Voltage Sense "C" Circuit
P0B1A	Hybrid Battery Pack Voltage Sense "C" Circuit Range/Performance
P0B1B	Hybrid Battery Pack Voltage Sense "C" Circuit Low
P0B1C	Hybrid Battery Pack Voltage Sense "C" Circuit High
P0B1D	Hybrid Battery Pack Voltage Sense "C" Circuit Intermittent/Erratic
P0B1E	Hybrid Battery Pack Voltage Sense "D" Circuit
P0B1F	Hybrid Battery Pack Voltage Sense "D" Circuit Range/Performance
P0B20	Hybrid Battery Pack Voltage Sense "D" Circuit Low
P0B21	Hybrid Battery Pack Voltage Sense "D" Circuit High
P0B22	Hybrid Battery Pack Voltage Sense "D" Circuit Intermittent/Erratic
P0B23	Hybrid Battery "A" Voltage
P0B24	Hybrid Battery "A" Voltage Unstable
P0B25	Hybrid Battery "A" Voltage Low
P0B26	Hybrid Battery "A" Voltage High
P0B27	Hybrid Battery "B" Voltage
P0B28	Hybrid Battery "B" Voltage Unstable
P0B29	Hybrid Battery "B" Voltage Low
P0B2A	Hybrid Battery "B" Voltage High
P0B2B	Hybrid Battery "B" Voltage Highe
P0B2C	Hybrid Battery "C" Voltage Unstable
P0B2D	Hybrid Battery "C" Voltage Low
P0B2E	Hybrid Battery "C" Voltage High
P0B2F	Hybrid Battery "D" Voltage
P0B30	Hybrid Battery "D" Voltage Unstable
P0B31	Hybrid Battery "D" Voltage Low
P0B32	Hybrid Battery "D" Voltage High
P0B33	High Voltage Service Disconnect Circuit
P0B34	High Voltage Service Disconnect Circuit Performance
P0B35	High Voltage Service Disconnect Circuit Low
P0B36	High Voltage Service Disconnect Circuit High
P0B37	High Voltage Service Disconnect Open
P0B38	Motor Electronics Coolant Pump "B" Control Circuit/Open
P0B39	Motor Electronics Coolant Pump "B" Control Circuit Low
P0B3A	Motor Electronics Coolant Pump "B" Control Circuit High
P0B3B	Hybrid Battery Voltage Sense "A" Circuit
P0B3C	Hybrid Battery Voltage Sense "A" Circuit Range/Performance
P0B3D	Hybrid Battery Voltage Sense "A" Circuit Low

Codes	Definition
P0B3E	Hybrid Battery Voltage Sense "A" Circuit High
P0B3F	Hybrid Battery Voltage Sense "A" Circuit Intermittent/Erratic
P0B40	Hybrid Battery Voltage Sense "B" Circuit
P0B41	Hybrid Battery Voltage Sense "B" Circuit Range/Performance
P0B42	Hybrid Battery Voltage Sense "B" Circuit Low
P0B43	Hybrid Battery Voltage Sense "B" Circuit High
P0B44	Hybrid Battery Voltage Sense "B" Circuit Intermittent/Erratic
P0B45	Hybrid Battery Voltage Sense "C" Circuit
P0B46	Hybrid Battery Voltage Sense "C" Circuit Range/Performance
P0B47	Hybrid Battery Voltage Sense "C" Circuit Low
P0B48	Hybrid Battery Voltage Sense "C" Circuit High
P0B49	Hybrid Battery Voltage Sense "C" Circuit Intermittent/Erratic
P0B4A	Hybrid Battery Voltage Sense "D" Circuit
P0B4B	Hybrid Battery Voltage Sense "D" Circuit Range/Performance
P0B4C	Hybrid Battery Voltage Sense "D" Circuit Low
P0B4D	Hybrid Battery Voltage Sense "D" Circuit High
P0B4E	Hybrid Battery Voltage Sense "D" Circuit Intermittent/Erratic
P0B4F	Hybrid Battery Voltage Sense "E" Circuit
P0B50	Hybrid Battery Voltage Sense "E" Circuit Range/Performance
P0B51	Hybrid Battery Voltage Sense "E" Circuit Low
P0B52	Hybrid Battery Voltage Sense "E" Circuit High
P0B53	Hybrid Battery Voltage Sense "E" Circuit Intermittent/Erratic
P0B54	Hybrid Battery Voltage Sense "F" Circuit
P0B55	Hybrid Battery Voltage Sense "F" Circuit Range/Performance
P0B56	Hybrid Battery Voltage Sense "F" Circuit Low
P0B57	Hybrid Battery Voltage Sense "F" Circuit High
P0B58	Hybrid Battery Voltage Sense "F" Circuit Intermittent/Erratic
P0B59	Hybrid Battery Voltage Sense "G" Circuit
P0B5A	Hybrid Battery Voltage Sense "G" Circuit Range/Performance
P0B5B	Hybrid Battery Voltage Sense "G" Circuit Low
P0B5C	Hybrid Battery Voltage Sense "G" Circuit High
P0B5D	Hybrid Battery Voltage Sense "G" Circuit Intermittent/Erratic
P0B5E	Hybrid Battery Voltage Sense "H" Circuit
P0B5F	Hybrid Battery Voltage Sense "H" Circuit Range/Performance
P0B60	Hybrid Battery Voltage Sense "H" Circuit Low
P0B61	Hybrid Battery Voltage Sense "H" Circuit High
P0B62	Hybrid Battery Voltage Sense "H" Circuit Intermittent/Erratic
P0B63	Hybrid Battery Voltage Sense "I" Circuit
P0B64	Hybrid Battery Voltage Sense "I" Circuit Range/Performance
P0B65	Hybrid Battery Voltage Sense "I" Circuit Low
P0B66	Hybrid Battery Voltage Sense "I" Circuit High
P0B67	Hybrid Battery Voltage Sense "I" Circuit Intermittent/Erratic
P0B68	Hybrid Battery Voltage Sense "J" Circuit
P0B69	Hybrid Battery Voltage Sense "J" Circuit Range/Performance

Codes	Definition
P0B6A	Hybrid Battery Voltage Sense "J" Circuit Low
P0B6B	Hybrid Battery Voltage Sense "J" Circuit High
P0B6C	Hybrid Battery Voltage Sense "J" Circuit Intermittent/Erratic
P0B6D	Hybrid Battery Voltage Sense "K" Circuit
P0B6E	Hybrid Battery Voltage Sense "K" Circuit Range/Performance
P0B6F	Hybrid Battery Voltage Sense "K" Circuit Low
P0B70	Hybrid Battery Voltage Sense "K" Circuit High
P0B71	Hybrid Battery Voltage Sense "K" Circuit Intermittent/Erratic
P0B72	Hybrid Battery Voltage Sense "L" Circuit
P0B73	Hybrid Battery Voltage Sense "L" Circuit Range/Performance
P0B74	Hybrid Battery Voltage Sense "L" Circuit Low
P0B75	Hybrid Battery Voltage Sense "L" Circuit High
P0B76	Hybrid Battery Voltage Sense "L" Circuit Intermittent/Erratic
P0B77	Hybrid Battery Voltage Sense "M" Circuit
P0B78	Hybrid Battery Voltage Sense "M" Circuit Range/Performance
P0B79	Hybrid Battery Voltage Sense "M" Circuit Low
P0B7A	Hybrid Battery Voltage Sense "M" Circuit High
P0B7B	Hybrid Battery Voltage Sense "M" Circuit Intermittent/Erratic
P0B7C	Hybrid Battery Voltage Sense "N" Circuit
P0B7D	Hybrid Battery Voltage Sense "N" Circuit Range/Performance
P0B7E	Hybrid Battery Voltage Sense "N" Circuit Low
P0B7F	Hybrid Battery Voltage Sense "N" Circuit High
P0B80	Hybrid Battery Voltage Sense "N" Circuit Intermittent/Erratic
P0B81	Hybrid Battery Voltage Sense "O" Circuit
P0B82	Hybrid Battery Voltage Sense "O" Circuit Range/Performance
P0B83	Hybrid Battery Voltage Sense "O" Circuit Low
P0B84	Hybrid Battery Voltage Sense "O" Circuit High
P0B85	Hybrid Battery Voltage Sense "O" Circuit Intermittent/Erratic
P0B86	Hybrid Battery Voltage Sense "P" Circuit
P0B87	Hybrid Battery Voltage Sense "P" Circuit Range/Performance
P0B88	Hybrid Battery Voltage Sense "P" Circuit Low
P0B89	Hybrid Battery Voltage Sense "P" Circuit High
P0B8A	Hybrid Battery Voltage Sense "P" Circuit Intermittent/Erratic
P0B8B	Hybrid Battery Voltage Sense "Q" Circuit
P0B8C	Hybrid Battery Voltage Sense "Q" Circuit Range/Performance
P0B8D	Hybrid Battery Voltage Sense "Q" Circuit Low
P0B8E	Hybrid Battery Voltage Sense "Q" Circuit High
P0B8F	Hybrid Battery Voltage Sense "Q" Circuit Intermittent/Erratic
P0B90	Hybrid Battery Voltage Sense "R" Circuit
P0B91	Hybrid Battery Voltage Sense "R" Circuit Range/Performance
P0B92	Hybrid Battery Voltage Sense "R" Circuit Low
P0B93	Hybrid Battery Voltage Sense "R" Circuit High
P0B94	Hybrid Battery Voltage Sense "R" Circuit Intermittent/Erratic
P0B95	Hybrid Battery Voltage Sense "S" Circuit

Codes	Definition
P0B96	Hybrid Battery Voltage Sense "S" Circuit Range/Performance
P0B97	Hybrid Battery Voltage Sense "S" Circuit Low
P0B98	Hybrid Battery Voltage Sense "S" Circuit High
P0B99	Hybrid Battery Voltage Sense "S" Circuit Intermittent/Erratic
P0B9A	Hybrid Battery Voltage Sense "T" Circuit
P0B9B	Hybrid Battery Voltage Sense "T" Circuit Range/Performance
P0B9C	Hybrid Battery Voltage Sense "T" Circuit Low
P0B9D	Hybrid Battery Voltage Sense "T" Circuit High
P0B9E	Hybrid Battery Voltage Sense "T" Circuit Intermittent/Erratic
P0B9F	Hybrid Battery Voltage Sense "U" Circuit
P0BA0	Hybrid Battery Voltage Sense "U" Circuit Range/Performance
P0BA1	Hybrid Battery Voltage Sense "U" Circuit Low
P0BA2	Hybrid Battery Voltage Sense "U" Circuit High
P0BA3	Hybrid Battery Voltage Sense "U" Circuit Intermittent/Erratic
P0BA4	Hybrid Battery Voltage Sense "V" Circuit
P0BA5	Hybrid Battery Voltage Sense "V" Circuit Range/Performance
P0BA6	Hybrid Battery Voltage Sense "V" Circuit Low
P0BA7	Hybrid Battery Voltage Sense "V" Circuit High
P0BA8	Hybrid Battery Voltage Sense "V" Circuit Intermittent/Erratic
P0BA9	Hybrid Battery Voltage Sense "W" Circuit
P0BAA	Hybrid Battery Voltage Sense "W" Circuit Range/Performance
P0BAB	Hybrid Battery Voltage Sense "W" Circuit Low
P0BAC	Hybrid Battery Voltage Sense "W" Circuit High
P0BAD	Hybrid Battery Voltage Sense "W" Circuit Intermittent/Erratic
P0BAE	Hybrid Battery Voltage Sense "X" Circuit
P0BAF	Hybrid Battery Voltage Sense "X" Circuit Range/Performance
P0BB0	Hybrid Battery Voltage Sense "X" Circuit Low
P0BB1	Hybrid Battery Voltage Sense "X" Circuit High
P0BB2	Hybrid Battery Voltage Sense "X" Circuit Intermittent/Erratic
P0BB3	Hybrid Battery Voltage Sense "Y" Circuit
P0BB4	Hybrid Battery Voltage Sense "Y" Circuit Range/Performance
P0BB5	Hybrid Battery Voltage Sense "Y" Circuit Low
P0BB6	Hybrid Battery Voltage Sense "Y" Circuit High
P0BB7	Hybrid Battery Pack Sensor Module
P0BB8	Hybrid Battery Voltage Sense "Z" Circuit
P0BB9	Hybrid Battery Voltage Sense "Z" Circuit Range/Performance
P0BBA	Hybrid Battery Voltage Sense "Z" Circuit Low
P0BBB	Hybrid Battery Voltage Sense "Z" Circuit High
P0BBC	Hybrid Battery Voltage Sense "Z" Circuit Intermittent/Erratic
P0BBD	Hybrid Battery Pack Voltage Variation Exceeded Limit
P0BBE	Hybrid Battery Pack Voltage Variation
P0BBF	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit/Open
P0BC0	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Low
P0BC1	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High

Codes	Definition
P0BC2	Hybrid Battery Temperature Sensor (BTS) "E" Circuit
P0BC3	Hybrid Battery Temperature Sensor (BTS) "E" Range/Performance
P0BC4	Hybrid Battery Temperature Sensor (BTS) "E" Circuit Low
P0BC5	Hybrid Battery Temperature Sensor (BTS) "E" Circuit High
P0BC6	Hybrid Battery Temperature Sensor (BTS) "E" Circuit Intermittent/Erratic
P0BC7	Hybrid Battery Pack Cooling Fan Sense Circuit/Open
P0BC8	Hybrid Battery Pack Cooling Fan Sense Range/Performance
P0BC9	Hybrid Battery Pack Cooling Fan Sense Circuit Low
P0BCA	Hybrid Battery Pack Cooling Fan Sense Circuit High
P0BCB	Hybrid Battery Pack Cooling Fan Sense Circuit Intermittent/Erratic
P0BCC	Generator Inverter Temperature Sensor Circuit
P0BCD	Generator Inverter Temperature Sensor Circuit Range/Performance
P0BCE	Generator Inverter Temperature Sensor Circuit Low
P0BCF	Generator Inverter Temperature Sensor Circuit High
P0BD0	Generator Inverter Temperature Sensor Circuit Intermittent/Erratic
P0BD1	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD2	Drive Motor Inverter Temperature Sensor "C" Circuit Range/Performance
P0BD3	Drive Motor Inverter Temperature Sensor "C" Circuit Low
P0BD4	Drive Motor Inverter Temperature Sensor "C" Circuit High
P0BD5	Drive Motor Inverter Temperature Sensor "C" Circuit Intermittent/Erratic
P0BD6	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BD7	Drive Motor Inverter Temperature Sensor "D" Circuit Range/Performance
P0BD8	Drive Motor Inverter Temperature Sensor "D" Circuit Low
P0BD9	Drive Motor Inverter Temperature Sensor "D" Circuit High
P0BDA	Drive Motor Inverter Temperature Sensor "D" Circuit Intermittent/Erratic
P0BDB	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BDC	Drive Motor Inverter Temperature Sensor "E" Circuit Range/Performance
P0BDD	Drive Motor Inverter Temperature Sensor "E" Circuit Low
P0BDE	Drive Motor Inverter Temperature Sensor "E" Circuit High
P0BDF	Drive Motor Inverter Temperature Sensor "E" Circuit Intermittent/Erratic
P0BE0	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE1	Drive Motor Inverter Temperature Sensor "F" Circuit Range/Performance
P0BE2	Drive Motor Inverter Temperature Sensor "F" Circuit Low
P0BE3	Drive Motor Inverter Temperature Sensor "F" Circuit High
P0BE4	Drive Motor Inverter Temperature Sensor "F" Circuit Intermittent/Erratic
P0BE5	Drive Motor "A" Phase U Current Sensor Circuit
P0BE6	Drive Motor "A" Phase U Current Sensor Circuit Range/Performance
P0BE7	Drive Motor "A" Phase U Current Sensor Circuit Low
P0BE8	Drive Motor "A" Phase U Current Sensor Circuit High
P0BE9	Drive Motor "A" Phase V Current Sensor Circuit
P0BEA	Drive Motor "A" Phase V Current Sensor Circuit Range/Performance
P0BEB	Drive Motor "A" Phase V Current Sensor Circuit Low
P0BEC	Drive Motor "A" Phase V Current Sensor Circuit High
P0BED	Drive Motor "A" Phase W Current Sensor Circuit

Codes	Definition
P0BEE	Drive Motor "A" Phase W Current Sensor Circuit Range/Performance
P0BEF	Drive Motor "A" Phase W Current Sensor Circuit Low
P0BF0	Drive Motor "A" Phase W Current Sensor Circuit High
P0BF1	Drive Motor "B" Phase U Current Sensor Circuit
P0BF2	Drive Motor "B" Phase U Current Sensor Circuit Range/Performance
P0BF3	Drive Motor "B" Phase U Current Sensor Circuit Low
P0BF4	Drive Motor "B" Phase U Current Sensor Circuit High
P0BF5	Drive Motor "B" Phase V Current Sensor Circuit
P0BF6	Drive Motor "B" Phase V Current Sensor Circuit Range/Performance
P0BF7	Drive Motor "B" Phase V Current Sensor Circuit Low
P0BF8	Drive Motor "B" Phase V Current Sensor Circuit High
P0BF9	Drive Motor "B" Phase W Current Sensor Circuit
P0BFA	Drive Motor "B" Phase W Current Sensor Circuit Range/Performance
P0BFB	Drive Motor "B" Phase W Current Sensor Circuit Low
P0BFC	Drive Motor "B" Phase W Current Sensor Circuit High
P0BFD	Drive Motor "A" Phase U-V-W Current Sensor Correlation
P0BFE	Drive Motor "B" Phase U-V-W Current Sensor Correlation
P0BFF	Drive Motor "A" Current
P0C00	Drive Motor "A" Current Low
P0C01	Drive Motor "A" Current High
P0C02	Drive Motor "B" Current
P0C03	Drive Motor "B" Current Low
P0C04	Drive Motor "B" Current High
P0C05	Drive Motor "A" Phase U-V-W Circuit/Open
P0C06	Drive Motor "A" Phase U-V-W Circuit Low
P0C07	Drive Motor "A" Phase U-V-W Circuit High
P0C08	Drive Motor "B" Phase U-V-W Circuit/Open
P0C09	Drive Motor "B" Phase U-V-W Circuit Low
P0C0A	Drive Motor "B" Phase U-V-W Circuit High
P0C0B	Drive Motor "A" Inverter Power Supply Circuit/Open
P0C0C	Drive Motor "A" Inverter Power Supply Circuit Low
P0C0D	Drive Motor "A" Inverter Power Supply Circuit High
P0C0E	Drive Motor "B" Inverter Power Supply Circuit/Open
P0C0F	Drive Motor "B" Inverter Power Supply Circuit Low
P0C10	Drive Motor "B" Inverter Power Supply Circuit High
P0C11	Drive Motor "A" Inverter Phase U Over Temperature
P0C12	Drive Motor "A" Inverter Phase V Over Temperature
P0C13	Drive Motor "A" Inverter Phase W Over Temperature
P0C14	Drive Motor "B" Inverter Phase U Over Temperature
P0C15	Drive Motor "B" Inverter Phase V Over Temperature
P0C16	Drive Motor "B" Inverter Phase W Over Temperature
P0C17	Drive Motor "A" Position Sensor Not Learned
P0C18	Drive Motor "B" Position Sensor Not Learned
P0C19	Drive Motor "A" Torque Delivered Performance

Codes	Definition
P0C1A	Drive Motor "B" Torque Delivered Performance
P0C1B	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Too High
P0C1C	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit
P0C1D	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit Range/Performance
P0C1E	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit Low
P0C1F	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit High
P0C20	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit/Open
P0C21	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit Low
P0C22	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit High
P0C23	Auxiliary Transmission Fluid Pump Control Module Circuit/Open
P0C24	Auxiliary Transmission Fluid Pump Control Module Circuit Low
P0C25	Auxiliary Transmission Fluid Pump Control Module Circuit High
P0C26	Auxiliary Transmission Fluid Pump Motor Current
P0C27	Auxiliary Transmission Fluid Pump Motor Current Low
P0C28	Auxiliary Transmission Fluid Pump Motor Current High
P0C29	Auxiliary Transmission Fluid Pump Driver Circuit Performance
P0C2A	Auxiliary Transmission Fluid Pump Motor Stalled
P0C2B	Auxiliary Transmission Fluid Pump Control Module Feedback Signal
P0C2C	Auxiliary Transmission Fluid Pump Control Module Feedback
P0C2D	Electric Transmission Fluid Pump Control Module Feedback Signal Low
P0C2E	Electric Transmission Fluid Pump Control Module Feedback Signal High
P0C2F	Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance
P0C30	Hybrid Battery Pack State of Charge High
P0C31	Inverter "B" Cooling System Performance
P0C32	Hybrid Battery Cooling System Performance
P0C33	Hybrid Battery Temperature Sensor (BTS) "F" Circuit
P0C34	Hybrid Battery Temperature Sensor (BTS) "F" Circuit Range/Performance
P0C35	Hybrid Battery Temperature Sensor (BTS) "F" Circuit Low
P0C36	Hybrid Battery Temperature Sensor (BTS) "F" Circuit High
P0C37	Hybrid Battery Temperature Sensor (BTS) "F" Circuit Intermittent/Erratic
P0C38	DC/DC Converter Temperature Sensor "A" Circuit
P0C39	DC/DC Converter Temperature Sensor "A" Range/Performance
P0C3A	DC/DC Converter Temperature Sensor "A" Low
P0C3B	DC/DC Converter Temperature Sensor "A" High
P0C3C	DC/DC Converter Temperature Sensor "A" Intermittent/Erratic
P0C3D	DC/DC Converter Temperature Sensor "B" Circuit
P0C3E	DC/DC Converter Temperature Sensor "B" Range/Performance
P0C3F	DC/DC Converter Temperature Sensor "B" Low
P0C40	DC/DC Converter Temperature Sensor "B" High

Codes	Definition
P0C41	DC/DC Converter Temperature Sensor "B" Intermittent/Erratic
P0C42	Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit
P0C43	Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit Range/Performance
P0C44	Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit Low
P0C45	Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit High
P0C46	Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit Intermittent/Erratic
P0C47	Hybrid Battery Pack Coolant Pump Control Circuit/Open
P0C48	Hybrid Battery Pack Coolant Pump Control Circuit Low
P0C49	Hybrid Battery Pack Coolant Pump Control Circuit High
P0C4A	Hybrid Battery Pack Coolant Pump Control Performance
P0C4B	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit/Open
P0C4C	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Low
P0C4D	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit High
P0C4E	Drive Motor "A" Position Exceeded Learning Limit
P0C4F	Drive Motor "B" Position Exceeded Learning Limit
P0C50	Drive Motor "A" Position Sensor Circuit "A"
P0C51	Drive Motor "A" Position Sensor Circuit "A" Range/Performance
P0C52	Drive Motor "A" Position Sensor Circuit "A" Low
P0C53	Drive Motor "A" Position Sensor Circuit "A" High
P0C54	Drive Motor "A" Position Sensor Circuit "A" Intermittent/Erratic
P0C55	Drive Motor "B" Position Sensor Circuit "A"
P0C56	Drive Motor "B" Position Sensor Circuit "A" Range/Performance
P0C57	Drive Motor "B" Position Sensor Circuit "A" Low
P0C58	Drive Motor "B" Position Sensor Circuit "A" High
P0C59	Drive Motor "B" Position Sensor Circuit "A" Intermittent/Erratic
P0C5A	Drive Motor "A" Position Sensor Circuit "B"
P0C5B	Drive Motor "A" Position Sensor Circuit "B" Range/Performance
P0C5C	Drive Motor "A" Position Sensor Circuit "B" Low
P0C5D	Drive Motor "A" Position Sensor Circuit "B" High
P0C5E	Drive Motor "A" Position Sensor Circuit "B" Intermittent/Erratic
P0C5F	Drive Motor "B" Position Sensor Circuit "B"
P0C60	Drive Motor "B" Position Sensor Circuit "B" Range/Performance
P0C61	Drive Motor "B" Position Sensor Circuit "B" Low
P0C62	Drive Motor "B" Position Sensor Circuit "B" High
P0C63	Drive Motor "B" Position Sensor Circuit "B" Intermittent/Erratic
P0C64	Generator Position Sensor Circuit "A"
P0C65	Generator Position Sensor Circuit "A" Range/Performance
P0C66	Generator Position Sensor Circuit "A" Low
P0C67	Generator Position Sensor Circuit "A" High
P0C68	Generator Position Sensor Circuit "A" Intermittent/Erratic
P0C69	Generator Position Sensor Circuit "B"
P0C6A	Generator Position Sensor Circuit "B" Range/Performance

Codes	Definition
P0C6B	Generator Position Sensor Circuit "B" Low
P0C6C	Generator Position Sensor Circuit "B" High
P0C6D	Generator Position Sensor Circuit "B" Intermittent/Erratic
P0C6E	Hybrid Battery Temperature Sensor (BTS) "A"/"B" Correlation
P0C6F	Hybrid Battery Temperature Sensor (BTS) "B"/"C" Correlation
P0C70	Hybrid Battery Temperature Sensor (BTS) "C"/"D" Correlation
P0C71	Hybrid Battery Temperature Sensor (BTS) "D"/"E" Correlation
P0C72	Hybrid Battery Temperature Sensor (BTS) "E"/"F" Correlation
P0C73	Motor Electronics Coolant Pump "A" Control Performance
P0C74	Motor Electronics Coolant Pump "B" Control Performance
P0C75	Hybrid Battery System Discharge Time Too Short
P0C76	Hybrid Battery System Discharge Time Too Long
P0C77	Hybrid Battery System Precharge Time Too Short
P0C78	Hybrid Battery System Precharge Time Too Long
P0C79	Drive Motor "A" Inverter Voltage Too High
P0C7A	Drive Motor "B" Inverter Voltage Too High
P0C7B	Generator Inverter Voltage Too High
P0C7C	Hybrid Battery Temperature Sensor (BTS) "G" Circuit
P0C7D	Hybrid Battery Temperature Sensor (BTS) "G" Range/Performance
P0C7E	Hybrid Battery Temperature Sensor (BTS) "G" Circuit Low
P0C7F	Hybrid Battery Temperature Sensor (BTS) "G" Circuit High
P0C80	Hybrid Battery Temperature Sensor (BTS) "G" Circuit Intermittent/Erratic
P0C81	Hybrid Battery Temperature Sensor (BTS) "H" Circuit
P0C82	Hybrid Battery Temperature Sensor (BTS) "H" Range/Performance
P0C83	Hybrid Battery Temperature Sensor (BTS) "H" Circuit Low
P0C84	Hybrid Battery Temperature Sensor (BTS) "H" Circuit High
P0C85	Hybrid Battery Temperature Sensor (BTS) "H" Circuit Intermittent/Erratic
P0C86	Hybrid Battery Temperature Sensor (BTS) "F"/"G" Correlation
P0C87	Hybrid Battery Temperature Sensor (BTS) "G"/"H" Correlation
P0C89	ISO/SAE Reserved
P0C8A	ISO/SAE Reserved
P0C8B	ISO/SAE Reserved
P0C8C	ISO/SAE Reserved
P0C8D	ISO/SAE Reserved
P0C8E	ISO/SAE Reserved
P0C8F	ISO/SAE Reserved
P0C90	ISO/SAE Reserved
P0C91	ISO/SAE Reserved
P0C92	ISO/SAE Reserved
P0C93	ISO/SAE Reserved
P0C94	ISO/SAE Reserved
P0C95	ISO/SAE Reserved
P0C96	ISO/SAE Reserved
P0C97	ISO/SAE Reserved

Codes	Definition
P0C98	ISO/SAE Reserved
P0C99	ISO/SAE Reserved
P0C9A	ISO/SAE Reserved
P0C9B	ISO/SAE Reserved
P0C9C	ISO/SAE Reserved
P0C9D	ISO/SAE Reserved
P0C9E	ISO/SAE Reserved
P0C9F	ISO/SAE Reserved
P0CA0	ISO/SAE Reserved
P0CA1	ISO/SAE Reserved
P0CA2	ISO/SAE Reserved
P0CA3	ISO/SAE Reserved
P0CA4	ISO/SAE Reserved
P0CA5	ISO/SAE Reserved
P0CA6	ISO/SAE Reserved
P0CA7	ISO/SAE Reserved
P0CA8	ISO/SAE Reserved
P0CA9	ISO/SAE Reserved
P0CAA	ISO/SAE Reserved
P0CAB	ISO/SAE Reserved
P0CAC	ISO/SAE Reserved
P0CAD	ISO/SAE Reserved
P0CAE	ISO/SAE Reserved
P0CAF	ISO/SAE Reserved
P0CB0	ISO/SAE Reserved
P0CB1	ISO/SAE Reserved
P0CB2	ISO/SAE Reserved
P0CB3	ISO/SAE Reserved
P0CB4	ISO/SAE Reserved
P0CB5	ISO/SAE Reserved
P0CB6	ISO/SAE Reserved
P0CB7	ISO/SAE Reserved
P0CB8	ISO/SAE Reserved
P0CB9	ISO/SAE Reserved
P0CBA	ISO/SAE Reserved
P0CBB	ISO/SAE Reserved
P0CBC	ISO/SAE Reserved
P0CBD	ISO/SAE Reserved
P0CBE	ISO/SAE Reserved
P0CBF	ISO/SAE Reserved
P0CC0	ISO/SAE Reserved
P0CC1	ISO/SAE Reserved
P0CC2	ISO/SAE Reserved
P0CC3	ISO/SAE Reserved

Codes	Definition
P0CC4	ISO/SAE Reserved
P0CC5	ISO/SAE Reserved
P0CC6	ISO/SAE Reserved
P0CC7	ISO/SAE Reserved
P0CC8	ISO/SAE Reserved
P0CC9	ISO/SAE Reserved
P0CCA	ISO/SAE Reserved
P0CCB	ISO/SAE Reserved
P0CCC	ISO/SAE Reserved
P0CCD	ISO/SAE Reserved
P0CCE	ISO/SAE Reserved
P0CCF	ISO/SAE Reserved
P0CD0	ISO/SAE Reserved
P0CD1	ISO/SAE Reserved
P0CD2	ISO/SAE Reserved
P0CD3	ISO/SAE Reserved
P0CD4	ISO/SAE Reserved
P0CD5	ISO/SAE Reserved
P0CD6	ISO/SAE Reserved
P0CD7	ISO/SAE Reserved
P0CD8	ISO/SAE Reserved
P0CD9	ISO/SAE Reserved
P0CDA	ISO/SAE Reserved
P0CDB	ISO/SAE Reserved
P0CDC	ISO/SAE Reserved
P0CDD	ISO/SAE Reserved
P0CDE	ISO/SAE Reserved
P0CDF	ISO/SAE Reserved
P0CE0	ISO/SAE Reserved
P0CE1	ISO/SAE Reserved
P0CE2	ISO/SAE Reserved
P0CE3	ISO/SAE Reserved
P0CE4	ISO/SAE Reserved
P0CE5	ISO/SAE Reserved
P0CE6	ISO/SAE Reserved
P0CE7	ISO/SAE Reserved
P0CE8	ISO/SAE Reserved
P0CE9	ISO/SAE Reserved
P0CEA	ISO/SAE Reserved
P0CEB	ISO/SAE Reserved
P0CEC	ISO/SAE Reserved
P0CED	ISO/SAE Reserved
P0CEE	ISO/SAE Reserved
P0CEF	ISO/SAE Reserved

Codes	Definition
P0CF0	ISO/SAE Reserved
P0CF1	ISO/SAE Reserved
P0CF2	ISO/SAE Reserved
P0CF3	ISO/SAE Reserved
P0CF4	ISO/SAE Reserved
P0CF5	ISO/SAE Reserved
P0CF6	ISO/SAE Reserved
P0CF7	ISO/SAE Reserved
P0CF8	ISO/SAE Reserved
P0CF9	ISO/SAE Reserved
P0CFA	ISO/SAE Reserved
P0CFB	ISO/SAE Reserved
P0CFC	ISO/SAE Reserved
P0CFD	ISO/SAE Reserved
P0CFE	ISO/SAE Reserved
P0CFF	ISO/SAE Reserved
P0D00	ISO/SAE Reserved
P0E00	ISO/SAE Reserved
P0F00	ISO/SAE Reserved
P2000	NOx Trap Efficiency Below Threshold Bank 1
P2001	NOx Trap Efficiency Below Threshold Bank 2
P2002	Diesel Particulate Filter Efficiency Below Threshold Bank 1
P2003	Diesel Particulate Filter Efficiency Below Threshold Bank 2
P2004	Intake Manifold Runner Control Stuck Open Bank 1
P2005	Intake Manifold Runner Control Stuck Open Bank 2
P2006	Intake Manifold Runner Control Stuck Closed Bank 1
P2007	Intake Manifold Runner Control Stuck Closed Bank 2
P2008	Intake Manifold Runner Control Circuit Open Bank 1
P2009	Intake Manifold Runner Control Circuit Low Bank 1
P200A	Intake Manifold Runner Performance Bank 1
P200B	Intake Manifold Runner Performance Bank 2
P200C	Diesel Particulate Filter Over Temperature Bank 1
P200D	Diesel Particulate Filter Over Temperature Bank 2
P200E	Catalyst System Over Temperature Bank 1
P200F	Catalyst System Over Temperature Bank 2
P2010	Intake Manifold Runner Control Circuit High Bank 1
P2011	Intake Manifold Runner Control Circuit Open Bank 2
P2012	Intake Manifold Runner Control Circuit Low Bank 2
P2013	Intake Manifold Runner Control Circuit High Bank 2
P2014	Intake Manifold Runner Position Sensor / Switch Circuit Bank 1
P2015	Intake Manifold Runner Position Sensor / Switch Circuit Range/Performance Bank 1
P2016	Intake Manifold Runner Position Sensor / Switch Circuit Low Bank 1
P2017	Intake Manifold Runner Position Sensor / Switch Circuit High Bank 1

Codes	Definition
P2018	Intake Manifold Runner Position Sensor / Switch Circuit Intermittent Bank 1
P2019	Intake Manifold Runner Position Sensor / Switch Circuit Bank 2
P201A	Reductant Injection Valve Circuit Range/Performance Bank 2 Unit 1
P201B	ISO/SAE Reserved
P201C	ISO/SAE Reserved
P201D	ISO/SAE Reserved
P201E	ISO/SAE Reserved
P201F	ISO/SAE Reserved
P2020	Intake Manifold Runner Position Sensor / Switch Circuit Range/Performance Bank 2
P2021	Intake Manifold Runner Position Sensor / Switch Circuit Low Bank 2
P2022	Intake Manifold Runner Position Sensor / Switch Circuit High Bank 2
P2023	Intake Manifold Runner Position Sensor / Switch Circuit Intermittent Bank 2
P2024	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit
P2025	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Range
P2026	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Low Voltage
P2027	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit High Voltage
P2028	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Intermittent
P2029	Fuel Fired Heater Disabled
P202A	Reductant Tank Heater Control Circuit/Open
P202B	Reductant Tank Heater Control Circuit Low
P202C	Reductant Tank Heater Control Circuit High
P202D	Reductant Leakage
P202E	Reductant Injection Valve Circuit Range/Performance Bank 1 Unit 1
P202F	Reductant/Regeneration Supply Control Circuit Range/Performance
P2030	Fuel Fired Heater Performance
P2031	Exhaust Gas Temperature EGT Sensor Circuit Bank 1 Sensor 2
P2032	Exhaust Gas Temperature EGT Sensor Circuit Low Bank 1 Sensor 2
P2033	Exhaust Gas Temperature EGT Sensor Circuit High Bank 1 Sensor 2
P2034	Exhaust Gas Temperature EGT Sensor Circuit Low Bank 2 Sensor 2
P2035	Exhaust Gas Temperature EGT Sensor Circuit Low Bank 2 Sensor 2
P2036	Exhaust Gas Temperature EGT Sensor Circuit High Bank 2 Sensor 2
P2037	Reductant Injection Air Pressure Sensor A Circuit
P2038	Reductant Injection Air Pressure Sensor A Circuit Range/Performance
P2039	Reductant Injection Air Pressure Sensor A Circuit Low
P203A	Reductant Level Sensor Circuit
P203B	Reductant Level Sensor Circuit Range/Performance
P203C	Reductant Level Sensor Circuit Low
P203D	Reductant Level Sensor Circuit High
P203E	Reductant Level Sensor Circuit Intermittent/Erratic
P203F	Reductant Level Too Low
P2040	Reductant Injection Air Pressure Sensor A Circuit High

Codes	Definition
P2041	Reductant Injection Air Pressure Sensor A Circuit Intermittent
P2042	Reductant Temperature Sensor Circuit
P2043	Reductant Temperature Sensor Circuit Range/Performance
P2044	Reductant Temperature Sensor Circuit Low
P2045	Reductant Temperature Sensor Circuit High
P2046	Reductant Temperature Sensor Circuit Intermittent
P2047	Reductant Injection Valve Circuit/Open Bank 1 Unit 1
P2048	Reductant Injection Valve Circuit Low Bank 1 Unit 1
P2049	Reductant Injection Valve Circuit High Bank 1 Unit 1
P204A	Reductant Pressure Sensor Circuit
P204B	Reductant Pressure Sensor Circuit Range/Performance
P204C	Reductant Pressure Sensor Circuit Low
P204D	Reductant Pressure Sensor Circuit High
P204E	Reductant Pressure Sensor Circuit Intermittent/Erratic
P204F	Reductant System Performance Bank 1
P2050	Reductant Injection Valve Circuit/Open Bank 2 Unit 1
P2051	Reductant Injection Valve Circuit Low Bank 2 Unit 1
P2052	Reductant Injection Valve Circuit High Bank 2 Unit 1
P2053	Reductant Injection Valve Circuit/Open Bank 1 Unit 2
P2054	Reductant Injection Valve Circuit Low Bank 1 Unit 2
P2055	Reductant Injection Valve Circuit High Bank 1 Unit 2
P2056	Reductant Injection Valve Circuit/Open Bank 2 Unit 2
P2057	Reductant Injection Valve Circuit Low Bank 2 Unit 2
P2058	Reductant Injection Valve Circuit High Bank 2 Unit 2
P2059	Reductant Injection Air Pump Control Circuit/Open
P205A	Reductant Tank Temperature Sensor Circuit
P205B	Reductant Tank Temperature Sensor Circuit Range/Performance
P205C	Reductant Tank Temperature Sensor Circuit Low
P205D	Reductant Tank Temperature Sensor Circuit High
P205E	Reductant Tank Temperature Sensor Circuit Intermittent
P205F	Reductant System Performance Bank 2
P2060	Reductant Injection Air Pump Control Circuit Low
P2061	Reductant Injection Air Pump Control Circuit High
P2062	Reductant/Regeneration Supply Control Circuit/Open
P2063	Reductant/Regeneration Supply Control Circuit Low
P2064	Reductant/Regeneration Supply Control Circuit High
P2065	Fuel Level Sensor "B" Circuit Malfunction
P2066	Fuel Level Sensor "B" Circuit Range/Performance
P2067	Fuel Level Sensor "B" Circuit Low Input
P2068	Fuel Level Sensor "B" Circuit High Input
P2069	Fuel Level Sensor "B" Circuit Intermittent
P206A	Reductant Quality Sensor Circuit
P206B	Reductant Quality Sensor Circuit Performance
P206C	Reductant Quality Sensor Circuit Low Voltage

Codes	Definition
P206D	Reductant Quality Sensor Circuit High Voltage
P206E	Intake Manifold Tuning (IMT) Valve Stuck Open Bank 2
P206F	Intake Manifold Tuning (IMT) Valve Stuck Closed Bank 2
P2070	Intake Manifold Tuning (IMT) Valve Stuck Open Bank 1
P2071	Intake Manifold Tuning (IMT) Valve Stuck Closed Bank 1
P2072	Throttle Actuator Control System Ice Blockage
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 (IMT) Valve Position Sensor/Switch Circuit Bank 1
P2076	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance
P2077	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low
P2078	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High
P2079	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Intermittent
P207A	Intake Manifold Tuning Valve Position Sensor/Switch Circuit Bank 2
P207B	Intake Manifold Tuning Valve Position Sensor/Switch Circuit Range/Performance Bank 2
P207C	Intake Manifold Tuning Valve Position Sensor/Switch Circuit Low Bank 2
P207D	Intake Manifold Tuning Valve Position Sensor/Switch Circuit High Bank 2
P207E	Intake Manifold Tuning Valve Position Sensor/Switch Circuit Intermittent Bank 2
P207F	Reductant Quality Performance
P2080	Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 1 Sensor 1
P2081	Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 1 Sensor 1
P2082	Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 2 Sensor 1
P2083	Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 2 Sensor 1
P2084	Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 1 Sensor 2
P2085	Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 1 Sensor 2
P2086	Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 2 Sensor 2
P2087	Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 2 Sensor 2
P2088	A Camshaft Position Actuator Control Circuit Low Bank 1
P2089	A Camshaft Position Actuator Control Circuit High Bank 1
P208A	Reductant Pump Control Circuit/Open
P208B	Reductant Pump Control Range/Performance
P208C	Reductant Pump Control Circuit Low
P208D	Reductant Pump Control Circuit High
P208E	Reductant Injection Valve Stuck Closed Bank 1 Unit 1
P208F	Reductant Injection Valve Stuck Closed

Codes	Definition
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
P209A	Reductant Injection Air Pressure Sensor B Circuit
P209B	Reductant Injection Air Pressure Sensor B Circuit Range/Performance
P209C	Reductant Injection Air Pressure Sensor B Circuit Low
P209D	Reductant Injection Air Pressure Sensor B Circuit High
P209E	Reductant Injection Air Pressure Sensor A/B Correlation
P209F	Reductant Tank Heater Control Circuit Performance
P20A0	Reductant Purge Control Valve Circuit /Open
P20A1	Reductant Purge Control Valve Performance
P20A2	Reductant Purge Control Valve Circuit Low
P20A3	Reductant Purge Control Valve Circuit High
P20A4	Reductant Purge Control Valve Stuck Open
P20A5	Reductant Purge Control Valve Stuck Closed
P20A6	Reductant Injection Air Pressure Control Valve Circuit/Open
P20A7	Reductant Injection Air Pressure Control Valve Performance
P20A8	Reductant Injection Air Pressure Control Valve Circuit Low
P20A9	Reductant Injection Air Pressure Control Valve Circuit High
P20AA	Reductant Injection Air Pressure Control Valve Stuck Open
P20AB	Reductant Injection Air Pressure Control Valve Stuck Closed
P20AC	Reductant Metering Unit Temperature Sensor Circuit
P20AD	Reductant Metering Unit Temperature Sensor Circuit Range/Performance
P20AE	Reductant Metering Unit Temperature Sensor Circuit Low
P20AF	Reductant Metering Unit Temperature Sensor Circuit High
P20B0	Reductant Metering Unit Temperature Sensor Circuit Intermittent/Erratic
P20B1	Reductant Heater Coolant Control Valve Circuit/Open
P20B2	Reductant Heater Coolant Control Valve Performance
P20B3	Reductant Heater Coolant Control Valve Circuit Low
P20B4	Reductant Heater Coolant Control Valve Circuit High
P20B5	Reductant Metering Unit Heater Control Circuit/Open
P20B6	Reductant Metering Unit Heater Control Circuit Performance
P20B7	Reductant Metering Unit Heater Control Circuit Low
P20B8	Reductant Metering Unit Heater Control Circuit High
P20B9	Reductant Heater A Control Circuit/Open
P20BA	Reductant Heater A Control Circuit Performance
P20BB	Reductant Heater A Control Circuit Low

Codes	Definition
P20BC	Reductant Heater A Control Circuit High
P20BD	Reductant Heater B Control Circuit/Open
P20BE	Reductant Heater B Control Circuit Performance
P20BF	Reductant Heater B Control Circuit Low
P20C0	Reductant Heater B Control Circuit High
P20C1	Reductant Heater C Control Circuit/Open
P20C2	Reductant Heater C Control Circuit Performance
P20C3	Reductant Heater C Control Circuit Low
P20C4	Reductant Heater C Control Circuit High
P20C5	Reductant Heater D Control Circuit/Open
P20C6	Reductant Heater D Control Circuit Performance
P20C7	Reductant Heater D Control Circuit Low
P20C8	Reductant Heater D Control Circuit High
P20C9	Reductant Control Module Requested MIL Illumination
P20CA	Reductant Injection Air Pressure Leakage
P20CB	Exhaust Aftertreatment Fuel Injector A Control Circuit/Open
P20CC	Exhaust Aftertreatment Fuel Injector A Control Circuit Performance
P20CD	Exhaust Aftertreatment Fuel Injector A Control Circuit Low
P20CE	Exhaust Aftertreatment Fuel Injector A Control Circuit High
P20CF	Exhaust Aftertreatment Fuel Injector A Stuck Open
P20D0	Exhaust Aftertreatment Fuel Injector A Stuck Closed
P20D1	Exhaust Aftertreatment Fuel Injector B Control Circuit/Open
P20D2	Exhaust Aftertreatment Fuel Injector B Control Circuit Performance
P20D3	Exhaust Aftertreatment Fuel Injector B Control Circuit Low
P20D4	Exhaust Aftertreatment Fuel Injector B Control Circuit High
P20D5	Exhaust Aftertreatment Fuel Injector B Stuck Open
P20D6	Exhaust Aftertreatment Fuel Injector B Stuck Closed
P20D7	Exhaust Aftertreatment Fuel Supply Control Circuit/Open
P20D8	Exhaust Aftertreatment Fuel Supply Control Circuit Performance
P20D9	Exhaust Aftertreatment Fuel Supply Control Circuit Low
P20DA	Exhaust Aftertreatment Fuel Supply Control Circuit High
P20DB	Exhaust Aftertreatment Fuel Supply Control Stuck Open
P20DC	Exhaust Aftertreatment Fuel Supply Control Stuck Closed
P20DD	Exhaust Aftertreatment Fuel Pressure Sensor Circuit
P20DE	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Range/Performance
P20DF	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Low
P20E0	Exhaust Aftertreatment Fuel Pressure Sensor Circuit High
P20E1	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Intermittent/Erratic
P20E2	Exhaust Gas Temperature Sensor 1/2 Correlation Bank 1
P20E3	Exhaust Gas Temperature Sensor 1/3 Correlation Bank 1
P20E4	Exhaust Gas Temperature Sensor 2/3 Correlation Bank 1
P20E5	Exhaust Gas Temperature Sensor 1/2 Correlation Bank 2
P20E6	Reductant Injection Air Pressure Too Low
P20E7	Reductant Injection Air Pressure Too High

Codes	Definition
P20E8	Reductant Pressure Too Low
P20E9	Reductant Pressure Too High
P20EA	Reductant Control Module Power Relay De-Energized Performance - Too Early
P20EB	Reductant Control Module Power Relay De-Energized Performance - Too Late
P20EC	SCR NOx Catalyst - Over Temperature Bank 1
P20ED	SCR NOx Pre-Catalyst - Over Temperature Bank 1
P20EE	SCR NOx Catalyst Efficiency Below Threshold Bank 1
P20EF	SCR NOx Pre- Catalyst Efficiency Below Threshold Bank 1
P20F0	SCR NOx Catalyst - Over Temperature Bank 2
P20F1	SCR NOx Pre-Catalyst - Over Temperature Bank 2
P20F2	SCR NOx Catalyst Efficiency Below Threshold Bank 2
P20F3	SCR NOx Pre- Catalyst Efficiency Below Threshold Bank 2
P20F4	Reductant Consumption Too Low
P20F5	Reductant Consumption Too High
P20F6	Reductant Injection Valve Stuck Open Bank 1 Unit 1
P20F7	Reductant Injection Valve Stuck Open Bank 2 Unit 1
P20F8	ISO/SAE Reserved
P20F9	ISO/SAE Reserved
P20FA	ISO/SAE Reserved
P20FB	ISO/SAE Reserved
P20FC	ISO/SAE Reserved
P20FD	ISO/SAE Reserved
P20FE	ISO/SAE Reserved
P20FF	ISO/SAE Reserved
P2100	Throttle Actuator A Control Motor Circuit Open
P2101	Throttle Actuator A Control Motor Circuit Range Performance
P2102	Throttle Actuator A Control Motor Circuit Low
P2103	Throttle Actuator A Control Motor Circuit High
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
P210A	Throttle Actuator B Control Motor Circuit Open
P210B	Throttle Actuator B Control Motor Circuit Range Performance
P210C	Throttle Actuator B Control Motor Circuit Low
P210D	Throttle Actuator B Control Motor Circuit High
P210E	Throttle/Pedal Pos Sensor/Switch C / F Voltage Correlation
P210F	ISO/SAE Reserved
P2110	Throttle Actuator Control System - Forced Limited RPM
P2111	Throttle Actuator Control System Stuck Open

Codes	Definition
P2112	Throttle Actuator Control System Stuck Closed
P2113	Throttle/Pedal Position Sensor B Minimum Stop Performance
P2114	Throttle/Pedal Position Sensor C Minimum Stop Performance
P2115	Throttle/Pedal Position Sensor D Minimum Stop Performance
P2116	Throttle/Pedal Position Sensor E Minimum Stop Performance
P2117	Throttle/Pedal Position Sensor F Minimum Stop Performance
P2118	Throttle Actuator Control Motor Current Range/Performance
P2119	Throttle Actuator Control Throttle Body Range/Performance
P211A	ISO/SAE Reserved
P211B	ISO/SAE Reserved
P211C	ISO/SAE Reserved
P211D	ISO/SAE Reserved
P211E	ISO/SAE Reserved
P211F	ISO/SAE Reserved
P2120	Throttle/Pedal Position Sensor/Switch "D" Circuit Malfunction
P2121	Throttle/Pedal Position Sensor/Switch "D" Circuit Range/Performance
P2122	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input
P2123	Throttle/Pedal Position Sensor/Switch "D" Circuit High Input
P2124	Throttle/Pedal Position Sensor/Switch "D" Circuit Intermittent
P2125	Throttle/Pedal Position Sensor/Switch "E" Circuit Malfunction
P2126	Throttle/Pedal Position Sensor/Switch "E" Circuit Range/Performance
P2127	Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input
P2128	Throttle/Pedal Position Sensor/Switch "E" Circuit High Input
P2129	Throttle/Pedal Position Sensor/Switch "E" Circuit Intermittent
P212A	Throttle Position Sensor/Switch "G" Circuit Malfunction
P212B	Throttle Position Sensor/Switch "G" Circuit Range/Performance
P212C	Throttle/Pedal Position Sensor/Switch "G" Circuit Low Input
P212D	Throttle Position Sensor/Switch "G" Circuit High Input
P212E	Throttle Position Sensor/Switch "G" Circuit Intermittent
P212F	ISO/SAE Reserved
P2130	Throttle/Pedal Position Sensor/Switch "F" Circuit Malfunction
P2131	Throttle/Pedal Position Sensor/Switch "F" Circuit Range/Performance
P2132	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input
P2133	Throttle/Pedal Position Sensor/Switch "F" Circuit High Input
P2134	Throttle/Pedal Position Sensor/Switch "F" Circuit Intermittent
P2135	Throttle/Pedal Pos Sensor/Switch A / B Voltage Correlation
P2136	Throttle/Pedal Pos Sensor/Switch A / C Voltage Correlation
P2137	Throttle/Pedal Pos Sensor/Switch B / C Voltage Correlation
P2138	Throttle/Pedal Pos Sensor/Switch D / E Voltage Correlation
P2139	Throttle/Pedal Pos Sensor/Switch D / F Voltage Correlation
P213A	Exhaust Gas Recirculation (EGR) Throttle Control Circuit "B" Open
P213B	Exhaust Gas Recirculation Throttle Position Control Circuit "B" Range/Performance
P213C	Exhaust Gas Recirculation Throttle Position Control Circuit "B" Low

Codes	Definition
P213D	Exhaust Gas Recirculation Throttle Position Control Circuit "B" High
P213E	Fuel Injection System Fault - Forced Engine Shutdown
P213F	Fuel Pump System Fault - Forced Engine Shutdown
P2140	Throttle/Pedal Pos Sensor/Switch E / F Voltage Correlation
P2141	Exhaust Gas Recirculation Throttle Position Control Circuit "A" Low
P2142	Exhaust Gas Recirculation Throttle Position Control Circuit "A" 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 Circuit/Open
P2147	Fuel Injector Group A Circuit Low
P2148	Fuel Injector Group A Circuit High
P2149	Fuel Injector Group B Circuit/Open
P214A	ISO/SAE Reserved
P214B	ISO/SAE Reserved
P214C	ISO/SAE Reserved
P214D	ISO/SAE Reserved
P214E	ISO/SAE Reserved
P214F	ISO/SAE Reserved
P2150	Fuel Injector Group B Circuit Low
P2151	Fuel Injector Group B Circuit High
P2152	Fuel Injector Group C Circuit/Open
P2153	Fuel Injector Group C Circuit Low
P2154	Fuel Injector Group C Circuit High
P2155	Fuel Injector Group D Circuit/Open
P2156	Fuel Injector Group D Circuit Low
P2157	Fuel Injector Group D Circuit High
P2158	Vehicle Speed Sensor "B" Malfunction
P2159	Vehicle Speed Sensor "B" Range/Performance
P215A	Vehicle Speed - Wheel Speed Correlation
P215B	Vehicle Speed - Output Shaft Speed Correlation
P215C	Output Shaft Speed - Wheel Speed Correlation
P215D	ISO/SAE Reserved
P215E	ISO/SAE Reserved
P215F	ISO/SAE Reserved
P2160	Vehicle Speed Sensor "B" Low Input
P2161	Vehicle Speed Sensor "B" Intermittent / Erratic / High
P2162	Output Speed Sensor A/B Correlation
P2163	Throttle/Pedal Position Sensor A Maximum Stop Performance
P2164	Throttle/Pedal Position Sensor B Maximum Stop Performance
P2165	Throttle/Pedal Position Sensor C Maximum Stop Performance
P2166	Throttle/Pedal Position Sensor D Maximum Stop Performance
P2167	Throttle/Pedal Position Sensor E Maximum Stop Performance
P2168	Throttle/Pedal Position Sensor F Maximum Stop Performance

Codes	Definition
P2169	Exhaust Pressure Regulator Vent Solenoid Control Circuit/Open
P216A	Fuel Injector Group E Circuit/Open
P216B	Fuel Injector Group E Circuit Low
P216C	Fuel Injector Group E Circuit High
P216D	Fuel Injector Group F Circuit/Open
P216E	Fuel Injector Group F Circuit Low
P216F	Fuel Injector Group F Circuit High
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 Air Flow Detected
P2173	Throttle Actuator Control System - High Air Flow Detected
P2174	Throttle Actuator Control System - Sudden Low Air Flow Detected
P2175	Throttle Actuator Control System - Low Air Flow Detected
P2176	Throttle Actuator Control System - Idle Position Not Learned
P2177	System Too Lean Off Idle Bank 1
P2178	System Too Rich Off Idle Bank 1
P2179	System Too Lean Off Idle Bank 2
P217A	Fuel Injector Group G Circuit/Open
P217B	Fuel Injector Group G Circuit Low
P217C	Fuel Injector Group G Circuit High
P217D	Fuel Injector Group H Circuit/Open
P217E	Fuel Injector Group H Circuit Low
P217F	Fuel Injector Group H Circuit High
P2180	System Too Rich Off Idle Bank 2
P2181	Cooling System Performance
P2182	Engine Coolant Temperature Sensor 2 Circuit Malfunction
P2183	Engine Coolant Temperature (ECT) Sensor #2 Circuit Range/Performance
P2184	Engine Coolant Temperature (ECT) Sensor #2 Circuit Low Input
P2185	Engine Coolant Temperature Sensor #2 Circuit High Input
P2186	Engine Coolant Temperature Sensor #2 Circuit Intermittent
P2187	System Too Lean at Idle (Bank 1)
P2188	System Too Rich Off Idle Bank 1
P2189	System Too Lean at Idle (Bank 2)
P218A	ISO/SAE Reserved
P218B	ISO/SAE Reserved
P218C	ISO/SAE Reserved
P218D	ISO/SAE Reserved
P218E	ISO/SAE Reserved
P218F	ISO/SAE Reserved
P2190	System Too Rich Off Idle Bank 2
P2191	System Too Lean At Higher Load Bank 1
P2192	System Too Rich At Higher Load Bank 1
P2193	System Too Lean At Higher Load Bank 2
P2194	System Too Rich At Higher Load Bank 2

Codes	Definition
P2195	O2 A/F Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)
P2196	O2 A/F Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)
P2197	O2 A/F Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 1)
P2198	O2 A/F Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 1)
P2199	Intake Air Temperature Sensor 1/2 Correlation
P219A	Bank 1 Air/Fuel Ratio Imbalance
P219B	Bank 2 Air/Fuel Ratio Imbalance
P219C	Cylinder #1 Imbalance Error
P219D	Cylinder #2 Imbalance Error
P219E	Cylinder #3 Imbalance Error
P219F	Cylinder #4 Imbalance Error
P21A0	ISO/SAE Reserved
P21A1	ISO/SAE Reserved
P21A2	ISO/SAE Reserved
P21A3	ISO/SAE Reserved
P21A4	ISO/SAE Reserved
P21A5	ISO/SAE Reserved
P21A6	ISO/SAE Reserved
P21A7	ISO/SAE Reserved
P21A8	ISO/SAE Reserved
P21A9	ISO/SAE Reserved
P21AA	ISO/SAE Reserved
P21AB	ISO/SAE Reserved
P21AC	ISO/SAE Reserved
P21AD	ISO/SAE Reserved
P21AE	ISO/SAE Reserved
P21AF	ISO/SAE Reserved
P21B0	ISO/SAE Reserved
P21B1	ISO/SAE Reserved
P21B2	ISO/SAE Reserved
P21B3	ISO/SAE Reserved
P21B4	ISO/SAE Reserved
P21B5	ISO/SAE Reserved
P21B6	ISO/SAE Reserved
P21B7	ISO/SAE Reserved
P21B8	ISO/SAE Reserved
P21B9	ISO/SAE Reserved
P21BA	ISO/SAE Reserved
P21BB	ISO/SAE Reserved
P21BC	ISO/SAE Reserved
P21BD	ISO/SAE Reserved
P21BE	ISO/SAE Reserved
P21BF	ISO/SAE Reserved
P21C0	ISO/SAE Reserved

Codes	Definition
P21C1	ISO/SAE Reserved
P21C2	ISO/SAE Reserved
P21C3	ISO/SAE Reserved
P21C4	ISO/SAE Reserved
P21C5	ISO/SAE Reserved
P21C6	ISO/SAE Reserved
P21C7	ISO/SAE Reserved
P21C8	ISO/SAE Reserved
P21C9	ISO/SAE Reserved
P21CA	ISO/SAE Reserved
P21CB	ISO/SAE Reserved
P21CC	ISO/SAE Reserved
P21CD	ISO/SAE Reserved
P21CE	ISO/SAE Reserved
P21CF	ISO/SAE Reserved
P21D0	ISO/SAE Reserved
P21D1	ISO/SAE Reserved
P21D2	ISO/SAE Reserved
P21D3	ISO/SAE Reserved
P21D4	ISO/SAE Reserved
P21D5	ISO/SAE Reserved
P21D6	ISO/SAE Reserved
P21D7	ISO/SAE Reserved
P21D8	ISO/SAE Reserved
P21D9	ISO/SAE Reserved
P21DA	ISO/SAE Reserved
P21DB	ISO/SAE Reserved
P21DC	ISO/SAE Reserved
P21DD	ISO/SAE Reserved
P21DE	ISO/SAE Reserved
P21DF	ISO/SAE Reserved
P21E0	ISO/SAE Reserved
P21E1	ISO/SAE Reserved
P21E2	ISO/SAE Reserved
P21E3	ISO/SAE Reserved
P21E4	ISO/SAE Reserved
P21E5	ISO/SAE Reserved
P21E6	ISO/SAE Reserved
P21E7	ISO/SAE Reserved
P21E8	ISO/SAE Reserved
P21E9	ISO/SAE Reserved
P21EA	ISO/SAE Reserved
P21EB	ISO/SAE Reserved
P21EC	ISO/SAE Reserved

Codes	Definition
P21ED	ISO/SAE Reserved
P21EE	ISO/SAE Reserved
P21EF	ISO/SAE Reserved
P21F0	ISO/SAE Reserved
P21F1	ISO/SAE Reserved
P21F2	ISO/SAE Reserved
P21F3	ISO/SAE Reserved
P21F4	ISO/SAE Reserved
P21F5	ISO/SAE Reserved
P21F6	ISO/SAE Reserved
P21F7	ISO/SAE Reserved
P21F8	ISO/SAE Reserved
P21F9	ISO/SAE Reserved
P21FA	ISO/SAE Reserved
P21FB	ISO/SAE Reserved
P21FC	ISO/SAE Reserved
P21FD	ISO/SAE Reserved
P21FE	ISO/SAE Reserved
P21FF	ISO/SAE Reserved
P2200	NOx Sensor Circuit Bank 1
P2201	NOx Sensor Circuit Range/Performance Bank 1
P2202	NOx Sensor Circuit Low Bank 1
P2203	NOx Sensor Circuit High 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
P220A	ISO/SAE Reserved
P220B	ISO/SAE Reserved
P220C	ISO/SAE Reserved
P220D	ISO/SAE Reserved
P220E	ISO/SAE Reserved
P220F	ISO/SAE Reserved
P2210	NOx Sensor Heater Sense Circuit Low Bank 1
P2211	NOx Sensor Heater Sense Circuit High 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 Bank 2
P2216	NOx Sensor Circuit High Bank 2
P2217	NOx Sensor Circuit Intermittent Bank 2
P2218	NOx Sensor Heater Control Circuit/Open Bank 2

Codes	Definition
P2219	NOx Sensor Heater Control Circuit Low Bank 2
P221A	ISO/SAE Reserved
P221B	ISO/SAE Reserved
P221C	ISO/SAE Reserved
P221D	ISO/SAE Reserved
P221E	ISO/SAE Reserved
P221F	ISO/SAE Reserved
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 Bank 2
P2224	NOx Sensor Heater Sense Circuit High Bank 2
P2225	NOx Sensor Heater Sense Circuit Intermittent Bank 2
P2226	Barometric Pressure Sensor A
P2227	Barometric Pressure Sensor A Range/Performance
P2228	Barometric Pressure Sensor A Low
P2229	Barometric Pressure Sensor A High
P222A	Barometric Pressure Sensor B
P222B	Barometric Pressure Sensor B Range/Performance
P222C	Barometric Pressure Sensor B Low
P222D	Barometric Pressure Sensor B High
P222E	Barometric Pressure Sensor B Intermittent/Erratic
P222F	Barometric Pressure Sensor A/B Correlation
P2230	Barometric Pressure Sensor A Intermittent/Erratic
P2231	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 1
P2232	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 2
P2233	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 3
P2234	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 1
P2235	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 2
P2236	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 3
P2237	O2 Sensor Positive Current Control Circuit/Open Bank 1 Sensor 1
P2238	O2 Sensor Positive Current Control Circuit Low Bank 1 Sensor 1
P2239	O2 Sensor Positive Current Control Circuit High Bank 1 Sensor 1
P223A	ISO/SAE Reserved
P223B	ISO/SAE Reserved
P223C	ISO/SAE Reserved
P223D	ISO/SAE Reserved
P223E	ISO/SAE Reserved
P223F	ISO/SAE Reserved
P2240	O2 Sensor Positive Current Control Circuit/Open Bank 2 Sensor 1
P2241	O2 Sensor Positive Current Control Circuit Low Bank 2 Sensor 1
P2242	O2 Sensor Positive Current Control Circuit High Bank 2 Sensor 1
P2243	O2 Sensor Reference Voltage Circuit/Open Bank 1 Sensor 1
P2244	O2 Sensor Reference Voltage Performance Bank 1 Sensor 1

Codes	Definition
P2245	O2 Sensor Reference Voltage Circuit Low Bank 1 Sensor 1
P2246	O2 Sensor Reference Voltage Circuit High Bank 1 Sensor 1
P2247	O2 Sensor Reference Voltage Circuit/Open Bank 2 Sensor 1
P2248	O2 Sensor Reference Voltage Performance Bank 2 Sensor 1
P2249	O2 Sensor Reference Voltage Circuit Low Bank 2 Sensor 1
P224A	ISO/SAE Reserved
P224B	ISO/SAE Reserved
P224C	ISO/SAE Reserved
P224D	ISO/SAE Reserved
P224E	ISO/SAE Reserved
P224F	ISO/SAE Reserved
P2250	O2 Sensor Reference Voltage Circuit High Bank 2 Sensor 1
P2251	O2 Sensor Negative Current Control Circuit/Open Bank 1 Sensor 1
P2252	O2 Sensor Negative Current Control Circuit Low Bank 1 Sensor 1
P2253	O2 Sensor Negative Current Control Circuit High (Bank 1 Sensor 1)
P2254	O2 Sensor Negative Current Control Circuit/Open Bank 2 Sensor 1
P2255	O2 Sensor Negative Current Control Circuit Low Bank 2 Sensor 1
P2256	O2 Sensor Negative Current Control Circuit High Bank 2 Sensor 1
P2257	Secondary Air Injection System Control A Circuit Low
P2258	Secondary Air Injection System Control 'A' Circuit High
P2259	Secondary Air Injection System Control B Circuit Low
P225A	ISO/SAE Reserved
P225B	ISO/SAE Reserved
P225C	ISO/SAE Reserved
P225D	ISO/SAE Reserved
P225E	ISO/SAE Reserved
P225F	ISO/SAE Reserved
P2260	Secondary Air Injection System Control B Circuit High
P2261	Turbocharger/Supercharger Bypass Valve - Mechanical
P2262	Turbocharger/Supercharger Boost Pressure Not Detected - Mechanical
P2263	Turbocharger/Supercharger 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 Sensor Condition
P226A	Water in Fuel Lamp Control Circuit
P226B	Turbocharger/Supercharger Boost Pressure Too High - Mechanical
P226C	ISO/SAE Reserved
P226D	ISO/SAE Reserved
P226E	ISO/SAE Reserved
P226F	ISO/SAE Reserved
P2270	O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 2

Codes	Definition
P2271	O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 2
P2272	O2 Sensor Signal Stuck Lean Bank 2 Sensor 2
P2273	O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 2
P2274	O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 3
P2275	O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 3
P2276	O2 Sensor Signal Stuck Lean Bank 2 Sensor 3
P2277	O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 3
P2278	O2 Sensor Signals Swapped Bank 1 Sensor 3/Bank 2 Sensor 3
P2279	Intake Air System Leak
P227A	ISO/SAE Reserved
P227B	ISO/SAE Reserved
P227C	ISO/SAE Reserved
P227D	ISO/SAE Reserved
P227E	ISO/SAE Reserved
P227F	ISO/SAE Reserved
P2280	Air Flow Restriction/Air Leak Between Air Filter and MAF
P2281	Air Leak Between MAF and Throttle Body
P2282	Air Leak Between Throttle Body and Intake Valves
P2283	Injector Control Pressure Sensor Circuit
P2284	Injector Control Pressure Sensor Circuit Range/Performance
P2285	Injector Control Pressure Sensor Circuit Low
P2286	Injector Control Pressure Sensor Circuit High
P2287	Injector Control Pressure Sensor Circuit Intermittent
P2288	Injector Control Pressure Too High
P2289	Injector Control Pressure Too High - Engine Off
P228A	Fuel Pressure Regulator 1 - Forced Engine Shutdown
P228B	Fuel Pressure Regulator 2 - Forced Engine Shutdown
P228C	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too Low
P228D	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too High
P228E	Fuel Pressure Regulator 1 Exceeded Learning Limits - Too Low
P228F	Fuel Pressure Regulator 1 Exceeded Control Limits - Too High
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 Open
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
P2298	O2 Sensor Out of Range During Deceleration Bank 2 Sensor 1
P2299	Brake Pedal Position/Accelerator Pedal Position Incompatible
P229A	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too Low
P229B	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too High
P229C	Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low

Codes	Definition
P229D	Fuel Pressure Regulator 2 Exceeded Control Limits - Too High
P229E	ISO/SAE Reserved
P229F	ISO/SAE Reserved
P22A0	ISO/SAE Reserved
P22A1	ISO/SAE Reserved
P22A2	ISO/SAE Reserved
P22A3	ISO/SAE Reserved
P22A4	ISO/SAE Reserved
P22A5	ISO/SAE Reserved
P22A6	ISO/SAE Reserved
P22A7	ISO/SAE Reserved
P22A8	ISO/SAE Reserved
P22A9	ISO/SAE Reserved
P22AA	ISO/SAE Reserved
P22AB	ISO/SAE Reserved
P22AC	ISO/SAE Reserved
P22AD	ISO/SAE Reserved
P22AE	ISO/SAE Reserved
P22AF	ISO/SAE Reserved
P22B0	ISO/SAE Reserved
P22B1	ISO/SAE Reserved
P22B2	ISO/SAE Reserved
P22B3	ISO/SAE Reserved
P22B4	ISO/SAE Reserved
P22B5	ISO/SAE Reserved
P22B6	ISO/SAE Reserved
P22B7	ISO/SAE Reserved
P22B8	ISO/SAE Reserved
P22B9	ISO/SAE Reserved
P22BA	ISO/SAE Reserved
P22BB	ISO/SAE Reserved
P22BC	ISO/SAE Reserved
P22BD	ISO/SAE Reserved
P22BE	ISO/SAE Reserved
P22BF	ISO/SAE Reserved
P22C0	ISO/SAE Reserved
P22C1	ISO/SAE Reserved
P22C2	ISO/SAE Reserved
P22C3	ISO/SAE Reserved
P22C4	ISO/SAE Reserved
P22C5	ISO/SAE Reserved
P22C6	ISO/SAE Reserved
P22C7	ISO/SAE Reserved
P22C8	ISO/SAE Reserved

Codes	Definition
P22C9	ISO/SAE Reserved
P22CA	ISO/SAE Reserved
P22CB	ISO/SAE Reserved
P22CC	ISO/SAE Reserved
P22CD	ISO/SAE Reserved
P22CE	ISO/SAE Reserved
P22CF	ISO/SAE Reserved
P22D0	ISO/SAE Reserved
P22D1	ISO/SAE Reserved
P22D2	ISO/SAE Reserved
P22D3	ISO/SAE Reserved
P22D4	ISO/SAE Reserved
P22D5	ISO/SAE Reserved
P22D6	ISO/SAE Reserved
P22D7	ISO/SAE Reserved
P22D8	ISO/SAE Reserved
P22D9	ISO/SAE Reserved
P22DA	ISO/SAE Reserved
P22DB	ISO/SAE Reserved
P22DC	ISO/SAE Reserved
P22DD	ISO/SAE Reserved
P22DE	ISO/SAE Reserved
P22DF	ISO/SAE Reserved
P22E0	ISO/SAE Reserved
P22E1	ISO/SAE Reserved
P22E2	ISO/SAE Reserved
P22E3	ISO/SAE Reserved
P22E4	ISO/SAE Reserved
P22E5	ISO/SAE Reserved
P22E6	ISO/SAE Reserved
P22E7	ISO/SAE Reserved
P22E8	ISO/SAE Reserved
P22E9	ISO/SAE Reserved
P22EA	ISO/SAE Reserved
P22EB	ISO/SAE Reserved
P22EC	ISO/SAE Reserved
P22ED	ISO/SAE Reserved
P22EE	ISO/SAE Reserved
P22EF	ISO/SAE Reserved
P22F0	ISO/SAE Reserved
P22F1	ISO/SAE Reserved
P22F2	ISO/SAE Reserved
P22F3	ISO/SAE Reserved
P22F4	ISO/SAE Reserved

Codes	Definition
P22F5	ISO/SAE Reserved
P22F6	ISO/SAE Reserved
P22F7	ISO/SAE Reserved
P22F8	ISO/SAE Reserved
P22F9	ISO/SAE Reserved
P22FA	ISO/SAE Reserved
P22FB	ISO/SAE Reserved
P22FC	ISO/SAE Reserved
P22FD	ISO/SAE Reserved
P22FE	ISO/SAE Reserved
P22FF	ISO/SAE Reserved
P2300	Ignition Coil A Primary Control Circuit Low
P2301	Ignition Coil A Primary Control Circuit High
P2302	Ignition Coil A Secondary Circuit
P2303	Ignition Coil B Primary Control Circuit Low
P2304	Ignition Coil B Primary Control Circuit High
P2305	Ignition Coil B Secondary Circuit
P2306	Ignition Coil C Primary Control Circuit Low
P2307	Ignition Coil C Primary Control Circuit High
P2308	Ignition Coil C Secondary Circuit
P2309	Ignition Coil D Primary Control Circuit Low
P230A	ISO/SAE Reserved
P230B	ISO/SAE Reserved
P230C	ISO/SAE Reserved
P230D	ISO/SAE Reserved
P230E	ISO/SAE Reserved
P230F	ISO/SAE Reserved
P2310	Ignition Coil D Primary Control Circuit High
P2311	Ignition Coil D Secondary Circuit
P2312	Ignition Coil E Primary Control Circuit Low
P2313	Ignition Coil E Primary Control Circuit High
P2314	Ignition Coil E Secondary Circuit
P2315	Ignition Coil F Primary Control Circuit Low
P2316	Ignition Coil F Primary Control Circuit High
P2317	Ignition Coil F Secondary Circuit
P2318	Ignition Coil G Primary Control Circuit Low
P2319	Ignition Coil G Primary Control Circuit High
P231A	ISO/SAE Reserved
P231B	ISO/SAE Reserved
P231C	ISO/SAE Reserved
P231D	ISO/SAE Reserved
P231E	ISO/SAE Reserved
P231F	ISO/SAE Reserved
P2320	Ignition Coil G Secondary Circuit

Codes	Definition
P2321	Ignition Coil H Primary Control Circuit Low
P2322	Ignition Coil H Primary Control Circuit High
P2323	Ignition Coil H Secondary Circuit
P2324	Ignition Coil I Primary Control Circuit Low
P2325	Ignition Coil I Primary Control Circuit High
P2326	Ignition Coil I Secondary Circuit
P2327	Ignition Coil J Primary Control Circuit Low
P2328	Ignition Coil J Primary Control Circuit High
P2329	Ignition Coil J Secondary Circuit
P232A	ISO/SAE Reserved
P232B	ISO/SAE Reserved
P232C	ISO/SAE Reserved
P232D	ISO/SAE Reserved
P232E	ISO/SAE Reserved
P232F	ISO/SAE Reserved
P2330	Ignition Coil K Primary Control Circuit Low
P2331	Ignition Coil K Primary Control Circuit High
P2332	Ignition Coil K Secondary Circuit
P2333	Ignition Coil L Primary Control Circuit Low
P2334	Ignition Coil L Primary Control Circuit High
P2335	Ignition Coil L Secondary Circuit
P2336	Cylinder 1 Above Knock Threshold
P2337	Cylinder 2 Above Knock Threshold
P2338	Cylinder 3 Above Knock Threshold
P2339	Cylinder 4 Above Knock Threshold
P233A	ISO/SAE Reserved
P233B	ISO/SAE Reserved
P233C	ISO/SAE Reserved
P233D	ISO/SAE Reserved
P233E	ISO/SAE Reserved
P233F	ISO/SAE Reserved
P2340	Cylinder 5 Above Knock Threshold
P2341	Cylinder 6 Above Knock Threshold
P2342	Cylinder 7 Above Knock Threshold
P2343	Cylinder 8 Above Knock Threshold
P2344	Cylinder 9 Above Knock Threshold
P2345	Cylinder 10 Above Knock Threshold
P2346	Cylinder 11 Above Knock Threshold
P2347	Cylinder 12 Above Knock Threshold
P2348	ISO/SAE Reserved
P2349	ISO/SAE Reserved
P234A	ISO/SAE Reserved
P234B	ISO/SAE Reserved
P234C	ISO/SAE Reserved

Codes	Definition
P234D	ISO/SAE Reserved
P234E	ISO/SAE Reserved
P234F	ISO/SAE Reserved
P2350	ISO/SAE Reserved
P2351	ISO/SAE Reserved
P2352	ISO/SAE Reserved
P2353	ISO/SAE Reserved
P2354	ISO/SAE Reserved
P2355	ISO/SAE Reserved
P2356	ISO/SAE Reserved
P2357	ISO/SAE Reserved
P2358	ISO/SAE Reserved
P2359	ISO/SAE Reserved
P235A	ISO/SAE Reserved
P235B	ISO/SAE Reserved
P235C	ISO/SAE Reserved
P235D	ISO/SAE Reserved
P235E	ISO/SAE Reserved
P235F	ISO/SAE Reserved
P2360	ISO/SAE Reserved
P2361	ISO/SAE Reserved
P2362	ISO/SAE Reserved
P2363	ISO/SAE Reserved
P2364	ISO/SAE Reserved
P2365	ISO/SAE Reserved
P2366	ISO/SAE Reserved
P2367	ISO/SAE Reserved
P2368	ISO/SAE Reserved
P2369	ISO/SAE Reserved
P236A	ISO/SAE Reserved
P236B	ISO/SAE Reserved
P236C	ISO/SAE Reserved
P236D	ISO/SAE Reserved
P236E	ISO/SAE Reserved
P236F	ISO/SAE Reserved
P2370	ISO/SAE Reserved
P2371	ISO/SAE Reserved
P2372	ISO/SAE Reserved
P2373	ISO/SAE Reserved
P2374	ISO/SAE Reserved
P2375	ISO/SAE Reserved
P2376	ISO/SAE Reserved
P2377	ISO/SAE Reserved
P2378	ISO/SAE Reserved

Codes	Definition
P2379	ISO/SAE Reserved
P237A	ISO/SAE Reserved
P237B	ISO/SAE Reserved
P237C	ISO/SAE Reserved
P237D	ISO/SAE Reserved
P237E	ISO/SAE Reserved
P237F	ISO/SAE Reserved
P2380	ISO/SAE Reserved
P2381	ISO/SAE Reserved
P2382	ISO/SAE Reserved
P2383	ISO/SAE Reserved
P2384	ISO/SAE Reserved
P2385	ISO/SAE Reserved
P2386	ISO/SAE Reserved
P2387	ISO/SAE Reserved
P2388	ISO/SAE Reserved
P2389	ISO/SAE Reserved
P238A	ISO/SAE Reserved
P238B	ISO/SAE Reserved
P238C	ISO/SAE Reserved
P238D	ISO/SAE Reserved
P238E	ISO/SAE Reserved
P238F	ISO/SAE Reserved
P2390	ISO/SAE Reserved
P2391	ISO/SAE Reserved
P2392	ISO/SAE Reserved
P2393	ISO/SAE Reserved
P2394	ISO/SAE Reserved
P2395	ISO/SAE Reserved
P2396	ISO/SAE Reserved
P2397	ISO/SAE Reserved
P2398	ISO/SAE Reserved
P2399	ISO/SAE Reserved
P239A	ISO/SAE Reserved
P239B	ISO/SAE Reserved
P239C	ISO/SAE Reserved
P239D	ISO/SAE Reserved
P239E	ISO/SAE Reserved
P239F	ISO/SAE Reserved
P23A0	ISO/SAE Reserved
P23A1	ISO/SAE Reserved
P23A2	ISO/SAE Reserved
P23A3	ISO/SAE Reserved
P23A4	ISO/SAE Reserved

Codes	Definition
P23A5	ISO/SAE Reserved
P23A6	ISO/SAE Reserved
P23A7	ISO/SAE Reserved
P23A8	ISO/SAE Reserved
P23A9	ISO/SAE Reserved
P23AA	ISO/SAE Reserved
P23AB	ISO/SAE Reserved
P23AC	ISO/SAE Reserved
P23AD	ISO/SAE Reserved
P23AE	ISO/SAE Reserved
P23AF	ISO/SAE Reserved
P23B0	ISO/SAE Reserved
P23B1	ISO/SAE Reserved
P23B2	ISO/SAE Reserved
P23B3	ISO/SAE Reserved
P23B4	ISO/SAE Reserved
P23B5	ISO/SAE Reserved
P23B6	ISO/SAE Reserved
P23B7	ISO/SAE Reserved
P23B8	ISO/SAE Reserved
P23B9	ISO/SAE Reserved
P23BA	ISO/SAE Reserved
P23BB	ISO/SAE Reserved
P23BC	ISO/SAE Reserved
P23BD	ISO/SAE Reserved
P23BE	ISO/SAE Reserved
P23BF	ISO/SAE Reserved
P23C0	ISO/SAE Reserved
P23C1	ISO/SAE Reserved
P23C2	ISO/SAE Reserved
P23C3	ISO/SAE Reserved
P23C4	ISO/SAE Reserved
P23C5	ISO/SAE Reserved
P23C6	ISO/SAE Reserved
P23C7	ISO/SAE Reserved
P23C8	ISO/SAE Reserved
P23C9	ISO/SAE Reserved
P23CA	ISO/SAE Reserved
P23CB	ISO/SAE Reserved
P23CC	ISO/SAE Reserved
P23CD	ISO/SAE Reserved
P23CE	ISO/SAE Reserved
P23CF	ISO/SAE Reserved
P23D0	ISO/SAE Reserved

Codes	Definition
P23D1	ISO/SAE Reserved
P23D2	ISO/SAE Reserved
P23D3	ISO/SAE Reserved
P23D4	ISO/SAE Reserved
P23D5	ISO/SAE Reserved
P23D6	ISO/SAE Reserved
P23D7	ISO/SAE Reserved
P23D8	ISO/SAE Reserved
P23D9	ISO/SAE Reserved
P23DA	ISO/SAE Reserved
P23DB	ISO/SAE Reserved
P23DC	ISO/SAE Reserved
P23DD	ISO/SAE Reserved
P23DE	ISO/SAE Reserved
P23DF	ISO/SAE Reserved
P23E0	ISO/SAE Reserved
P23E1	ISO/SAE Reserved
P23E2	ISO/SAE Reserved
P23E3	ISO/SAE Reserved
P23E4	ISO/SAE Reserved
P23E5	ISO/SAE Reserved
P23E6	ISO/SAE Reserved
P23E7	ISO/SAE Reserved
P23E8	ISO/SAE Reserved
P23E9	ISO/SAE Reserved
P23EA	ISO/SAE Reserved
P23EB	ISO/SAE Reserved
P23EC	ISO/SAE Reserved
P23ED	ISO/SAE Reserved
P23EE	ISO/SAE Reserved
P23EF	ISO/SAE Reserved
P23F0	ISO/SAE Reserved
P23F1	ISO/SAE Reserved
P23F2	ISO/SAE Reserved
P23F3	ISO/SAE Reserved
P23F4	ISO/SAE Reserved
P23F5	ISO/SAE Reserved
P23F6	ISO/SAE Reserved
P23F7	ISO/SAE Reserved
P23F8	ISO/SAE Reserved
P23F9	ISO/SAE Reserved
P23FA	ISO/SAE Reserved
P23FB	ISO/SAE Reserved
P23FC	ISO/SAE Reserved

Codes	Definition
P23FD	ISO/SAE Reserved
P23FE	ISO/SAE Reserved
P23FF	ISO/SAE Reserved
P2400	Evaporative Emission System Leak Detection Pump Control Circuit/Open
P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low
P2402	Evaporative Emission System Leak Detection Pump Control Circuit High
P2403	Evaporative Emission System Leak Detection Pump Sense Circuit/Open
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance
P2405	Evaporative Emission System Leak Detection Pump Sense Circuit Low
P2406	Evaporative Emission System Leak Detection Pump Sense Circuit High
P2407	Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic
P2408	Fuel Cap Sensor/Switch Circuit
P2409	Fuel Cap Sensor/Switch Circuit Range/Performance
P240A	Evaporative Emission System Leak Detection Pump Heater Control Circuit/Open
P240B	Evaporative Emission System Leak Detection Pump Heater Control Circuit Low
P240C	Evaporative Emission System Leak Detection Pump Heater Control Circuit High
P240D	ISO/SAE Reserved
P240E	ISO/SAE Reserved
P240F	ISO/SAE Reserved
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
P2415	O2 Sensor Exhaust Sample Error Bank 2 Sensor 1
P2416	O2 Sensor Signals Swapped Bank 1 Sensor 2/Bank 1 Sensor 3
P2417	O2 Sensor Signals Swapped Bank 2 Sensor 2/Bank 2 Sensor 3
P2418	Evaporative Emission System Switching Valve Control Circuit/Open
P2419	Evaporative Emission System Switching Valve Control Circuit Low
P241A	ISO/SAE Reserved
P241B	ISO/SAE Reserved
P241C	ISO/SAE Reserved
P241D	ISO/SAE Reserved
P241E	ISO/SAE Reserved
P241F	ISO/SAE Reserved
P2420	Evaporative Emission System Switching Valve Control Circuit High
P2421	Evaporative Emission System Vent Valve Stuck Open
P2422	Evaporative Emission System Vent Valve Stuck Closed
P2423	HC Adsorption Catalyst Efficiency Below Threshold Bank 1
P2424	HC Adsorption Catalyst Efficiency Below Threshold Bank 2

Codes	Definition
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
P242A	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3
P242B	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 3
P242C	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 3
P242D	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 3
P242E	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 3
P242F	Diesel Particulate Filter Restriction - Ash Accumulation
P2430	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 1
P2431	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 1
P2432	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 1
P2433	Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 1
P2434	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic Bank 1
P2435	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 2
P2436	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 2
P2437	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 2
P2438	Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 2
P2439	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic Bank 2
P243A	ISO/SAE Reserved
P243B	ISO/SAE Reserved
P243C	ISO/SAE Reserved
P243D	ISO/SAE Reserved
P243E	ISO/SAE Reserved
P243F	ISO/SAE Reserved
P2440	Secondary Air Injection System Switching Valve Stuck Open Bank 1
P2441	Secondary Air Injection System Switching Valve Stuck Closed Bank 1
P2442	Secondary Air Injection System Switching Valve Stuck Open Bank 2
P2443	Secondary Air Injection System Switching Valve Stuck Closed Bank 2
P2444	Secondary Air Injection System Pump Stuck On Bank 1
P2445	Secondary Air Injection System Pump Stuck Off Bank 1
P2446	Secondary Air Injection System Pump Stuck On Bank 2
P2447	Secondary Air Injection System Pump Stuck Off Bank 2

Codes	Definition
P2448	Secondary Air Injection System High Air Flow Bank 1
P2449	Secondary Air Injection System High Air Flow Bank 2
P244A	Diesel Particulate Filter (DPF) Differential Pressure Too Low Bank 1
P244B	Diesel Particulate Filter (DPF) Differential Pressure Too High Bank 1
P244C	Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 1
P244D	Exhaust Temperature Too High For Particulate Filter Regeneration Bank 1
P244E	Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 2
P244F	Exhaust Temperature Too High For Particulate Filter Regeneration Bank 2
P2450	Evaporative Emission System Switching Valve Performance/Stuck Open
P2451	Evaporative Emission System Switching Valve Stuck Closed
P2452	Diesel Particulate Filter Pressure Sensor A Circuit
P2453	Diesel Particulate Filter Pressure Sensor A Circuit Range/Performance
P2454	Diesel Particulate Filter Pressure Sensor A Circuit Low
P2455	Diesel Particulate Filter Pressure Sensor A Circuit High
P2456	Diesel Particulate Filter Pressure Sensor A Circuit Intermittent
P2457	Exhaust Gas Recirculation Cooling System Performance
P2458	Diesel Particulate Filter Regeneration Duration
P2459	Diesel Particulate Filter Regeneration Frequency
P245A	Exhaust Gas Recirculation Cooler Bypass Control Circuit /Open
P245B	Exhaust Gas Recirculation Cooler Bypass Control Circuit Range/Performance
P245C	Exhaust Gas Recirculation Cooler Bypass Control Circuit Low
P245D	Exhaust Gas Recirculation Cooler Bypass Control Circuit High
P245E	Diesel Particulate Filter Pressure Sensor B Circuit
P245F	Diesel Particulate Filter Pressure Sensor B Circuit Range/Performance
P2460	Diesel Particulate Filter Pressure Sensor B Circuit Low
P2461	Diesel Particulate Filter Pressure Sensor B Circuit High
P2462	Diesel Particulate Filter Pressure Sensor B Circuit Intermittent
P2463	Diesel Particulate Filter Restriction - Soot Accumulation
P2464	Diesel Particulate Filter Differential Pressure Too Low Bank 2
P2465	Diesel Particulate Filter Differential Pressure Too High Bank 2
P2466	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 3
P2467	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 3
P2468	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 3
P2469	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 3
P246A	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 3
P246B	Vehicle Conditions Incorrect for Diesel Particulate Filter Regeneration
P246C	Diesel Particulate Filter Restriction - Forced Limited Power
P246D	Diesel Particulate Filter Pressure Sensor "A"/"B" Correlation
P246E	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 4
P246F	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 4
P2470	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 4

Codes	Definition
P2471	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 4
P2472	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 4
P2473	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 4
P2474	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 4
P2475	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 4
P2476	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 4
P2477	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 4
P2478	Exhaust Gas Temperature Out of Range Bank 1 Sensor 1
P2479	Exhaust Gas Temperature Out of Range Bank 1 Sensor 2
P247A	Exhaust Gas Temperature Out of Range Bank 1 Sensor 3
P247B	Exhaust Gas Temperature Out of Range Bank 1 Sensor 4
P247C	Exhaust Gas Temperature Out of Range Bank 2 Sensor 1
P247D	Exhaust Gas Temperature Out of Range Bank 2 Sensor 2
P247E	Exhaust Gas Temperature Out of Range Bank 2 Sensor 3
P247F	Exhaust Gas Temperature Out of Range Bank 2 Sensor 4
P2480	Exhaust Gas Temperature Sensor Circuit/Open Bank 1 Sensor 5
P2481	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 5
P2482	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 5
P2483	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 5
P2484	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 5
P2485	Exhaust Gas Temperature Sensor Circuit/Open Bank 2 Sensor 5
P2486	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 5
P2487	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 5
P2488	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 5
P2489	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 5
P248A	ISO/SAE Reserved
P248B	ISO/SAE Reserved
P248C	ISO/SAE Reserved
P248D	ISO/SAE Reserved
P248E	ISO/SAE Reserved
P248F	ISO/SAE Reserved
P2490	ISO/SAE Reserved
P2491	ISO/SAE Reserved
P2492	ISO/SAE Reserved
P2493	ISO/SAE Reserved
P2494	ISO/SAE Reserved
P2495	ISO/SAE Reserved
P2496	ISO/SAE Reserved

Codes	Definition
P2497	ISO/SAE Reserved
P2498	ISO/SAE Reserved
P2499	ISO/SAE Reserved
P249A	ISO/SAE Reserved
P249B	ISO/SAE Reserved
P249C	ISO/SAE Reserved
P249D	ISO/SAE Reserved
P249E	ISO/SAE Reserved
P249F	ISO/SAE Reserved
P24A0	ISO/SAE Reserved
P24A1	ISO/SAE Reserved
P24A2	ISO/SAE Reserved
P24A3	ISO/SAE Reserved
P24A4	ISO/SAE Reserved
P24A5	ISO/SAE Reserved
P24A6	ISO/SAE Reserved
P24A7	ISO/SAE Reserved
P24A8	ISO/SAE Reserved
P24A9	ISO/SAE Reserved
P24AA	ISO/SAE Reserved
P24AB	ISO/SAE Reserved
P24AC	ISO/SAE Reserved
P24AD	ISO/SAE Reserved
P24AE	ISO/SAE Reserved
P24AF	ISO/SAE Reserved
P24B0	ISO/SAE Reserved
P24B1	ISO/SAE Reserved
P24B2	ISO/SAE Reserved
P24B3	ISO/SAE Reserved
P24B4	ISO/SAE Reserved
P24B5	ISO/SAE Reserved
P24B6	ISO/SAE Reserved
P24B7	ISO/SAE Reserved
P24B8	ISO/SAE Reserved
P24B9	ISO/SAE Reserved
P24BA	ISO/SAE Reserved
P24BB	ISO/SAE Reserved
P24BC	ISO/SAE Reserved
P24BD	ISO/SAE Reserved
P24BE	ISO/SAE Reserved
P24BF	ISO/SAE Reserved
P24C0	ISO/SAE Reserved
P24C1	ISO/SAE Reserved
P24C2	ISO/SAE Reserved

Codes	Definition
P24C3	ISO/SAE Reserved
P24C4	ISO/SAE Reserved
P24C5	ISO/SAE Reserved
P24C6	ISO/SAE Reserved
P24C7	ISO/SAE Reserved
P24C8	ISO/SAE Reserved
P24C9	ISO/SAE Reserved
P24CA	ISO/SAE Reserved
P24CB	ISO/SAE Reserved
P24CC	ISO/SAE Reserved
P24CD	ISO/SAE Reserved
P24CE	ISO/SAE Reserved
P24CF	ISO/SAE Reserved
P24D0	ISO/SAE Reserved
P24D1	ISO/SAE Reserved
P24D2	ISO/SAE Reserved
P24D3	ISO/SAE Reserved
P24D4	ISO/SAE Reserved
P24D5	ISO/SAE Reserved
P24D6	ISO/SAE Reserved
P24D7	ISO/SAE Reserved
P24D8	ISO/SAE Reserved
P24D9	ISO/SAE Reserved
P24DA	ISO/SAE Reserved
P24DB	ISO/SAE Reserved
P24DC	ISO/SAE Reserved
P24DD	ISO/SAE Reserved
P24DE	ISO/SAE Reserved
P24DF	ISO/SAE Reserved
P24E0	ISO/SAE Reserved
P24E1	ISO/SAE Reserved
P24E2	ISO/SAE Reserved
P24E3	ISO/SAE Reserved
P24E4	ISO/SAE Reserved
P24E5	ISO/SAE Reserved
P24E6	ISO/SAE Reserved
P24E7	ISO/SAE Reserved
P24E8	ISO/SAE Reserved
P24E9	ISO/SAE Reserved
P24EA	ISO/SAE Reserved
P24EB	ISO/SAE Reserved
P24EC	ISO/SAE Reserved
P24ED	ISO/SAE Reserved
P24EE	ISO/SAE Reserved

Codes	Definition
P24EF	ISO/SAE Reserved
P24F0	ISO/SAE Reserved
P24F1	ISO/SAE Reserved
P24F2	ISO/SAE Reserved
P24F3	ISO/SAE Reserved
P24F4	ISO/SAE Reserved
P24F5	ISO/SAE Reserved
P24F6	ISO/SAE Reserved
P24F7	ISO/SAE Reserved
P24F8	ISO/SAE Reserved
P24F9	ISO/SAE Reserved
P24FA	ISO/SAE Reserved
P24FB	ISO/SAE Reserved
P24FC	ISO/SAE Reserved
P24FD	ISO/SAE Reserved
P24FE	ISO/SAE Reserved
P24FF	ISO/SAE Reserved
P2500	Generator Lamp/L Terminal Circuit Low
P2501	Generator Lamp/L Terminal Circuit High
P2502	Charging System Voltage
P2503	Charging System Voltage Low
P2504	Charging System Voltage High
P2505	ECM/PCM Power Input Signal
P2506	ECM/PCM Power Input Signal Range/Performance
P2507	ECM/PCM Power Input Signal Low
P2508	ECM/PCM Power Input Signal High
P2509	ECM/PCM Power Input Signal Intermittent
P250A	Engine Oil Level Sensor Circuit
P250B	Engine Oil Level Sensor Circuit Range/Performance
P250C	Engine Oil Level Sensor Circuit Low
P250D	Engine Oil Level Sensor Circuit High
P250E	Engine Oil Level Sensor Circuit Intermittent/Erratic
P250F	Engine Oil Level Too Low
P2510	ECM/PCM Power Relay Sense Circuit Range/Performance
P2511	ECM/PCM Power Relay Sense Circuit Intermittent
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 Malfunction
P2516	A/C Refrigerant Pressure Sensor B Circuit Range/Performance
P2517	A/C Refrigerant Pressure Sensor B Circuit Low
P2518	A/C Refrigerant Pressure Sensor B Circuit High
P2519	A/C Request "A" Circuit
P251A	PTO Enable Switch Circuit/Open

Codes	Definition
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
P2521	A/C Request "A" Circuit High
P2522	A/C Request "B" Circuit
P2523	A/C Request "B" Circuit Low
P2524	A/C Request "B" Circuit High
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
P253F	Engine Oil Deteriorated
P2540	Low Pressure Fuel System Sensor Circuit Range/Performance
P2541	Low Pressure Fuel System Sensor Circuit Low
P2542	Low Pressure Fuel System Sensor Circuit High
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

Codes	Definition
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 Range/Performance
P254C	PTO Speed Selector Sensor/Switch 1 Low
P254D	PTO Speed Selector Sensor/Switch 1 High
P254E	PTO Speed Selector Sensor/Switch 1 Intermittent/Erratic
P254F	Engine Hood Switch Circuit
P2550	Torque Management Request Input Signal "B" Low
P2551	Torque Management Request Input Signal "B" High
P2552	Throttle/Fuel Inhibit Circuit
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 Range/Performance
P255C	PTO Speed Selector Sensor/Switch 2 Low
P255D	PTO Speed Selector Sensor/Switch 2 High
P255E	PTO Speed Selector Sensor/Switch 2 Intermittent/Erratic
P2560	Engine Coolant Level Low
P2561	A/C Control Module Requested MIL Illumination
P2562	Turbo Boost Control Position Sensor Circuit
P2563	Turbo Boost Control Position Sensor Circuit Range/Performance
P2564	Turbo Boost Control Position Sensor Circuit Low
P2565	Turbo Boost Control Position Sensor Circuit High
P2566	Turbo Boost Control Position Sensor 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 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
P256F	A/C Request "B" Circuit Range/Performance
P2570	Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P2571	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/Erratic

Codes	Definition
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
P257A	Vacuum Reservoir Control Circuit/Open
P257B	Vacuum Reservoir Control Circuit Low
P257C	Vacuum Reservoir Control Circuit High
P257D	Engine Hood Switch Circuit Range/Performance
P257E	Engine Hood Switch Circuit Low
P257F	Engine Hood Switch Circuit High
P2580	Turbocharger Speed Sensor Circuit Low
P2581	Turbocharger Speed Sensor Circuit High
P2582	Turbocharger Speed Sensor Circuit Intermittent
P2583	Cruise Control Front Distance Range Sensor
P2584	Fuel Additive Control Module Requested MIL Illumination
P2585	Fuel Additive Control Module Warning Lamp Request
P2586	Turbo Boost Control Position Sensor "B" Circuit
P2587	Turbo Boost Control Position Sensor Circuit "B" Range/Performance
P2588	Turbo Boost Control Position Sensor "B" Circuit Low
P2589	Turbo Boost Control Position Sensor "B" Circuit High
P258A	Vacuum Pump Control Circuit/Open
P258B	Vacuum Pump Control Range/Performance
P258C	Vacuum Pump Control Circuit Low
P258D	Vacuum Pump Control Circuit High
P258E	PTO Enable Switch Performance
P258F	Torque Management Request Output Signal
P2590	Turbo Boost Control Position Sensor "B" Circuit Intermittent
P2591	Cruise Control Front Distance Range Sensor
P2592	Cruise Control Front Distance Range Sensor
P2593	ISO/SAE Reserved
P2594	ISO/SAE Reserved
P2595	ISO/SAE Reserved
P2596	ISO/SAE Reserved
P2597	ISO/SAE Reserved
P2598	ISO/SAE Reserved
P2599	ISO/SAE Reserved
P259A	ISO/SAE Reserved
P259B	ISO/SAE Reserved

Codes	Definition
P259C	ISO/SAE Reserved
P259D	ISO/SAE Reserved
P259E	ISO/SAE Reserved
P259F	ISO/SAE Reserved
P25A0	ISO/SAE Reserved
P25A1	ISO/SAE Reserved
P25A2	ISO/SAE Reserved
P25A3	ISO/SAE Reserved
P25A4	ISO/SAE Reserved
P25A5	ISO/SAE Reserved
P25A6	ISO/SAE Reserved
P25A7	ISO/SAE Reserved
P25A8	ISO/SAE Reserved
P25A9	ISO/SAE Reserved
P25AA	ISO/SAE Reserved
P25AB	ISO/SAE Reserved
P25AC	ISO/SAE Reserved
P25AD	ISO/SAE Reserved
P25AE	ISO/SAE Reserved
P25AF	ISO/SAE Reserved
P25B0	ISO/SAE Reserved
P25B1	ISO/SAE Reserved
P25B2	ISO/SAE Reserved
P25B3	ISO/SAE Reserved
P25B4	ISO/SAE Reserved
P25B5	ISO/SAE Reserved
P25B6	ISO/SAE Reserved
P25B7	ISO/SAE Reserved
P25B8	ISO/SAE Reserved
P25B9	ISO/SAE Reserved
P25BA	ISO/SAE Reserved
P25BB	ISO/SAE Reserved
P25BC	ISO/SAE Reserved
P25BD	ISO/SAE Reserved
P25BE	ISO/SAE Reserved
P25BF	ISO/SAE Reserved
P25C0	ISO/SAE Reserved
P25C1	ISO/SAE Reserved
P25C2	ISO/SAE Reserved
P25C3	ISO/SAE Reserved
P25C4	ISO/SAE Reserved
P25C5	ISO/SAE Reserved
P25C6	ISO/SAE Reserved
P25C7	ISO/SAE Reserved

Codes	Definition
P25C8	ISO/SAE Reserved
P25C9	ISO/SAE Reserved
P25CA	ISO/SAE Reserved
P25CB	ISO/SAE Reserved
P25CC	ISO/SAE Reserved
P25CD	ISO/SAE Reserved
P25CE	ISO/SAE Reserved
P25CF	ISO/SAE Reserved
P25D0	ISO/SAE Reserved
P25D1	ISO/SAE Reserved
P25D2	ISO/SAE Reserved
P25D3	ISO/SAE Reserved
P25D4	ISO/SAE Reserved
P25D5	ISO/SAE Reserved
P25D6	ISO/SAE Reserved
P25D7	ISO/SAE Reserved
P25D8	ISO/SAE Reserved
P25D9	ISO/SAE Reserved
P25DA	ISO/SAE Reserved
P25DB	ISO/SAE Reserved
P25DC	ISO/SAE Reserved
P25DD	ISO/SAE Reserved
P25DE	ISO/SAE Reserved
P25DF	ISO/SAE Reserved
P25E0	ISO/SAE Reserved
P25E1	ISO/SAE Reserved
P25E2	ISO/SAE Reserved
P25E3	ISO/SAE Reserved
P25E4	ISO/SAE Reserved
P25E5	ISO/SAE Reserved
P25E6	ISO/SAE Reserved
P25E7	ISO/SAE Reserved
P25E8	ISO/SAE Reserved
P25E9	ISO/SAE Reserved
P25EA	ISO/SAE Reserved
P25EB	ISO/SAE Reserved
P25EC	ISO/SAE Reserved
P25ED	ISO/SAE Reserved
P25EE	ISO/SAE Reserved
P25EF	ISO/SAE Reserved
P25F0	ISO/SAE Reserved
P25F1	ISO/SAE Reserved
P25F2	ISO/SAE Reserved
P25F3	ISO/SAE Reserved

Codes	Definition
P25F4	ISO/SAE Reserved
P25F5	ISO/SAE Reserved
P25F6	ISO/SAE Reserved
P25F7	ISO/SAE Reserved
P25F8	ISO/SAE Reserved
P25F9	ISO/SAE Reserved
P25FA	ISO/SAE Reserved
P25FB	ISO/SAE Reserved
P25FC	ISO/SAE Reserved
P25FD	ISO/SAE Reserved
P25FE	ISO/SAE Reserved
P25FF	ISO/SAE Reserved
P2600	Coolant Pump "A" Control Circuit Open
P2601	Coolant Pump "A" Control Circuit Range Performance
P2602	Coolant Pump "A" Control Circuit Low
P2603	Coolant Pump "A" 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
P260E	Diesel Particulate Filter Regeneration Lamp Control Circuit
P260F	Evaporative System Monitoring Processor Performance
P2610	ECM/PCM Internal Engine Off Timer Performance
P2611	A/C Refrigerant Distribution Valve Control Circuit/Open
P2612	A/C Refrigerant Distribution Valve Control Circuit Low
P2613	A/C Refrigerant Distribution Valve Control Circuit High
P2614	Camshaft Position Signal Output Circuit/Open
P2615	Camshaft Position Signal Output Circuit Low
P2616	Camshaft Position Signal Output Circuit High
P2617	Crankshaft Position Signal Output Circuit/Open
P2618	Crankshaft Position Signal Output Circuit Low
P2619	Crankshaft Position Signal Output Circuit High
P261A	Coolant Pump B Control Circuit Open
P261B	Coolant Pump "B" Control Circuit Range/Performance
P261C	Coolant Pump "B" Control Circuit Low
P261D	Coolant Pump "B" Control Circuit High
P261E	ISO/SAE Reserved
P261F	ISO/SAE Reserved

Codes	Definition
P2620	Throttle Position Output Circuit/Open
P2621	Throttle Position Output Circuit Low
P2622	Throttle Position Output Circuit High
P2623	Injector Control Pressure Regulator Circuit/Open
P2624	Injector Control Pressure Regulator Circuit Low
P2625	Injector Control Pressure Regulator Circuit High
P2626	O2 Sensor Pumping Current Trim Circuit/Open Bank 1 Sensor 1
P2627	O2 Sensor Pumping Current Trim Circuit Low Bank 1 Sensor 1
P2628	O2 Sensor Pumping Current Trim Circuit High Bank 1 Sensor 1
P2629	O2 Sensor Pumping Current Trim Circuit/Open Bank 2 Sensor 1
P262A	ISO/SAE Reserved
P262B	ISO/SAE Reserved
P262C	ISO/SAE Reserved
P262D	ISO/SAE Reserved
P262E	ISO/SAE Reserved
P262F	ISO/SAE Reserved
P2630	O2 Sensor Pumping Current Trim Circuit Low Bank 2 Sensor 1
P2631	O2 Sensor Pumping Current Trim Circuit High Bank 2 Sensor 1
P2632	Fuel Pump B Control Circuit /Open
P2633	Fuel Pump B Control Circuit Low
P2634	Fuel Pump B Control Circuit High
P2635	Fuel Pump "A" Low Flow/Performance
P2636	Fuel Pump "B" Low Flow/Performance
P2637	Torque Management Feedback Signal "A"
P2638	Torque Management Feedback Signal "A" Range/Performance
P2639	Torque Management Feedback Signal "A" Low
P263A	ISO/SAE Reserved
P263B	ISO/SAE Reserved
P263C	ISO/SAE Reserved
P263D	ISO/SAE Reserved
P263E	ISO/SAE Reserved
P263F	ISO/SAE Reserved
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 System Performance/Stuck Off Bank 1
P2647	"A" Rocker Arm Actuator 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
P264A	"A" Rocker Arm Actuator Position Sensor Circuit Bank 1
P264B	"A" Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1

Codes	Definition
P264C	"A" Rocker Arm Actuator Position Sensor Circuit Low Bank 1
P264D	"A" Rocker Arm Actuator Position Sensor Circuit High Bank 1
P264E	"A" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1
P264F	ISO/SAE Reserved
P2650	"B" Rocker Arm Actuator Control Circuit/Open Bank 1
P2651	"B" Rocker Arm Actuator System Performance/Stuck Off Bank 1
P2652	"B" Rocker Arm Actuator 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 System Performance/Stuck Off Bank 2
P2657	"A" Rocker Arm Actuator System Stuck On Bank 2
P2658	"A" Rocker Arm Actuator Control Circuit Low Bank 2
P2659	"A" Rocker Arm Actuator Control Circuit High
P265A	"B" Rocker Arm Actuator Position Sensor Circuit Bank 1
P265B	"B" Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1
P265C	"B" Rocker Arm Actuator Position Sensor Circuit Low Bank 1
P265D	"B" Rocker Arm Actuator Position Sensor Circuit High Bank 1
P265E	"B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1
P265F	ISO/SAE Reserved
P2660	"B" Rocker Arm Actuator Control Circuit/Open Bank 2
P2661	"B" Rocker Arm Actuator System Performance/Stuck Off Bank 2
P2662	"B" Rocker Arm Actuator 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
P2666	Fuel Shutoff Valve "B" Control Circuit Low
P2667	Fuel Shutoff Valve "B" Control Circuit High
P2668	Fuel Mode Indicator Lamp Control Circuit
P2669	Actuator Supply Voltage B Circuit/Open
P266A	'A' Rocker Arm Actuator Position Sensor Circuit Bank 2
P266B	'A' Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2
P266C	'A' Rocker Arm Actuator Position Sensor Circuit Low Bank 2
P266D	'A' Rocker Arm Actuator Position Sensor Circuit High Bank 2
P266E	'A' Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2
P266F	ISO/SAE Reserved
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

Codes	Definition
P2678	Coolant Degassing Valve Control Circuit/Open
P2679	Coolant Degassing Valve Control Circuit Low
P267A	"B" Rocker Arm Actuator Position Sensor Circuit Bank 2 h
P267B	"B" Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2
P267C	"B" Rocker Arm Actuator Position Sensor Circuit Low Bank 2
P267D	"B" Rocker Arm Actuator Position Sensor Circuit High Bank 2
P267E	"B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2
P267F	ISO/SAE Reserved
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
P2684	Actuator Supply Voltage C Circuit/Open
P2685	Actuator Supply Voltage C Circuit Low
P2686	Actuator Supply Voltage C Circuit High
P2687	Fuel Supply Heater Control Circuit/Open
P2688	Fuel Supply Heater Control Circuit Low
P2689	Fuel Supply Heater Control Circuit High
P268A	Fuel Injector Calibration Not Learned/Programmed
P268B	High Pressure Fuel Pump Calibration Not Learned/Programmed
P268C	Cylinder 1 Injector Data Incompatible
P268D	Cylinder 2 Injector Data Incompatible
P268E	Cylinder 3 Injector Data Incompatible
P268F	Cylinder 4 Injector Data Incompatible
P2690	Cylinder 5 Injector Data Incompatible
P2691	Cylinder 6 Injector Data Incompatible
P2692	Cylinder 7 Injector Data Incompatible
P2693	Cylinder 8 Injector Data Incompatible
P2694	Cylinder 9 Injector Data Incompatible
P2695	Cylinder 10 Injector Data Incompatible
P2696	Injector Data Incompatible
P2697	Exhaust Aftertreatment Fuel Injector "A" Circuit/Open
P2698	Exhaust Aftertreatment Fuel Injector "A" Performance
P2699	Exhaust Aftertreatment Fuel Injector "A" Circuit Low
P269A	Exhaust Aftertreatment Fuel Injector "A" Circuit High
P269B	Exhaust Aftertreatment Glow Plug Control Circuit/Open
P269C	Exhaust Aftertreatment Glow Plug Control Performance
P269D	Exhaust Aftertreatment Glow Plug Control Circuit Low
P269E	Exhaust Aftertreatment Glow Plug Control Circuit High
P269F	Exhaust Aftertreatment Glow Plug Circuit/Open
P26A0	Exhaust Aftertreatment Glow Plug Performance
P26A1	Exhaust Aftertreatment Glow Plug Circuit Low
P26A2	Exhaust Aftertreatment Glow Plug Circuit High
P26A3	ISO/SAE Reserved

Codes	Definition
P26A4	ISO/SAE Reserved
P26A5	ISO/SAE Reserved
P26A6	ISO/SAE Reserved
P26A7	ISO/SAE Reserved
P26A8	ISO/SAE Reserved
P26A9	ISO/SAE Reserved
P26AA	ISO/SAE Reserved
P26AB	ISO/SAE Reserved
P26AC	ISO/SAE Reserved
P26AD	ISO/SAE Reserved
P26AE	ISO/SAE Reserved
P26AF	ISO/SAE Reserved
P26B0	ISO/SAE Reserved
P26B1	ISO/SAE Reserved
P26B2	ISO/SAE Reserved
P26B3	ISO/SAE Reserved
P26B4	ISO/SAE Reserved
P26B5	ISO/SAE Reserved
P26B6	ISO/SAE Reserved
P26B7	ISO/SAE Reserved
P26B8	ISO/SAE Reserved
P26B9	ISO/SAE Reserved
P26BA	ISO/SAE Reserved
P26BB	ISO/SAE Reserved
P26BC	ISO/SAE Reserved
P26BD	ISO/SAE Reserved
P26BE	ISO/SAE Reserved
P26BF	ISO/SAE Reserved
P26C0	ISO/SAE Reserved
P26C1	ISO/SAE Reserved
P26C2	ISO/SAE Reserved
P26C3	ISO/SAE Reserved
P26C4	ISO/SAE Reserved
P26C5	ISO/SAE Reserved
P26C6	ISO/SAE Reserved
P26C7	ISO/SAE Reserved
P26C8	ISO/SAE Reserved
P26C9	ISO/SAE Reserved
P26CA	ISO/SAE Reserved
P26CB	ISO/SAE Reserved
P26CC	ISO/SAE Reserved
P26CD	ISO/SAE Reserved
P26CE	ISO/SAE Reserved
P26CF	ISO/SAE Reserved

Codes	Definition
P26D0	ISO/SAE Reserved
P26D1	ISO/SAE Reserved
P26D2	ISO/SAE Reserved
P26D3	ISO/SAE Reserved
P26D4	ISO/SAE Reserved
P26D5	ISO/SAE Reserved
P26D6	ISO/SAE Reserved
P26D7	ISO/SAE Reserved
P26D8	ISO/SAE Reserved
P26D9	ISO/SAE Reserved
P26DA	ISO/SAE Reserved
P26DB	ISO/SAE Reserved
P26DC	ISO/SAE Reserved
P26DD	ISO/SAE Reserved
P26DE	ISO/SAE Reserved
P26DF	ISO/SAE Reserved
P26E0	ISO/SAE Reserved
P26E1	ISO/SAE Reserved
P26E2	ISO/SAE Reserved
P26E3	ISO/SAE Reserved
P26E4	ISO/SAE Reserved
P26E5	ISO/SAE Reserved
P26E6	ISO/SAE Reserved
P26E7	ISO/SAE Reserved
P26E8	ISO/SAE Reserved
P26E9	ISO/SAE Reserved
P26EA	ISO/SAE Reserved
P26EB	ISO/SAE Reserved
P26EC	ISO/SAE Reserved
P26ED	ISO/SAE Reserved
P26EE	ISO/SAE Reserved
P26EF	ISO/SAE Reserved
P26F0	ISO/SAE Reserved
P26F1	ISO/SAE Reserved
P26F2	ISO/SAE Reserved
P26F3	ISO/SAE Reserved
P26F4	ISO/SAE Reserved
P26F5	ISO/SAE Reserved
P26F6	ISO/SAE Reserved
P26F7	ISO/SAE Reserved
P26F8	ISO/SAE Reserved
P26F9	ISO/SAE Reserved
P26FA	ISO/SAE Reserved
P26FB	ISO/SAE Reserved

Codes	Definition
P26FC	ISO/SAE Reserved
P26FD	ISO/SAE Reserved
P26FE	ISO/SAE Reserved
P26FF	ISO/SAE Reserved
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 Malfunction
P2707	Shift Solenoid F Performance / Stuck Off
P2708	Shift Solenoid F Stuck On
P2709	Shift Solenoid F Electrical
P270A	ISO/SAE Reserved
P270B	ISO/SAE Reserved
P270C	ISO/SAE Reserved
P270D	ISO/SAE Reserved
P270E	ISO/SAE Reserved
P270F	ISO/SAE Reserved
P2710	Shift Solenoid F Intermittent
P2711	Unexpected Mechanical Gear Disengagement
P2712	Hydraulic Power Unit Leakage
P2713	Pressure Control Solenoid D Malfunction
P2714	Pressure Control Solenoid D Performance Or Stuck Off
P2715	Pressure Control Solenoid D Stuck On
P2716	Pressure Control Solenoid D Electrical
P2717	Pressure Control Solenoid D Intermittent
P2718	Pressure Control Solenoid D Control Circuit/Open
P2719	Pressure Control Solenoid D Control Circuit Range/Performance
P271A	ISO/SAE Reserved
P271B	ISO/SAE Reserved
P271C	ISO/SAE Reserved
P271D	ISO/SAE Reserved
P271E	ISO/SAE Reserved
P271F	ISO/SAE Reserved
P2720	Pressure Control Solenoid D Control Circuit Low
P2721	Pressure Control Solenoid D Control Circuit High
P2722	Pressure Control Solenoid E Malfunction
P2723	Pressure Control Solenoid E Performance Or Stuck Off
P2724	Pressure Control Solenoid E Stuck On
P2725	Pressure Control Solenoid E Electrical
P2726	Pressure Control Solenoid E Intermittent
P2727	Pressure Control Solenoid E Control Circuit/Open

Codes	Definition
P2728	Pressure Control Solenoid E Control Circuit Range/Performance
P2729	Pressure Control Solenoid E Control Circuit Low
P272A	ISO/SAE Reserved
P272B	ISO/SAE Reserved
P272C	ISO/SAE Reserved
P272D	ISO/SAE Reserved
P272E	ISO/SAE Reserved
P272F	ISO/SAE Reserved
P2730	Pressure Control Solenoid E Control Circuit High
P2731	Pressure Control Solenoid F Malfunction
P2732	Pressure Control Solenoid F Performance Or Stuck Off
P2733	Pressure Control Solenoid F Stuck On
P2734	Pressure Control Solenoid F Electrical
P2735	Pressure Control Solenoid F Intermittent
P2736	Pressure Control Solenoid F Control Circuit/Open
P2737	Pressure Control Solenoid F Control Circuit Range/Performance
P2738	Pressure Control Solenoid F Control Circuit Low
P2739	Pressure Control Solenoid F Control Circuit High
P273A	Transmission Friction Element 'G' Apply Time Range/Performance
P273B	Transmission Friction Element 'H' Apply Time Range/Performance
P273C	ISO/SAE Reserved
P273D	ISO/SAE Reserved
P273E	ISO/SAE Reserved
P273F	ISO/SAE Reserved
P2740	Transmission Fluid Temperature Sensor B Circuit Malfunction
P2741	Transmission Fluid Temperature Sensor B Circuit Range/Performance
P2742	Transmission Fluid Temperature Sensor B Circuit Low Input
P2743	Transmission Fluid Temperature Sensor B Circuit High Input
P2744	Transmission Fluid Temperature Sensor B Circuit Intermittent
P2745	Intermediate Shaft Speed Sensor B Circuit
P2746	Intermediate Shaft Speed Sensor B Circuit Range/Performance
P2747	Intermediate Shaft Speed Sensor B Circuit No Signal
P2748	Intermediate Shaft Speed Sensor B Circuit Intermittent
P2749	Intermediate Shaft Speed Sensor C Circuit
P274A	ISO/SAE Reserved
P274B	ISO/SAE Reserved
P274C	ISO/SAE Reserved
P274D	ISO/SAE Reserved
P274E	ISO/SAE Reserved
P274F	ISO/SAE Reserved
P2750	Intermediate Shaft Speed Sensor C Circuit Range/Performance
P2751	Intermediate Shaft Speed Sensor C Circuit No Signal
P2752	Intermediate Shaft Speed Sensor C Circuit Intermittent
P2753	Transmission Fluid Cooler Control Circuit/Open

Codes	Definition
P2754	Transmission Fluid Cooler Control Circuit Low
P2755	Transmission Fluid Cooler Control Circuit High
P2756	Torque Converter Clutch Pressure Control Solenoid
P2757	Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance/Stuck Off
P2758	Torque Converter Clutch Pressure Control Solenoid Control Circuit Stuck On
P2759	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical
P275A	ISO/SAE Reserved
P275B	ISO/SAE Reserved
P275C	ISO/SAE Reserved
P275D	ISO/SAE Reserved
P275E	ISO/SAE Reserved
P275F	ISO/SAE Reserved
P2760	Torque Converter Clutch Pressure Control Solenoid Control Circuit Intermittent
P2761	Torque Converter Clutch Pressure Control Solenoid Control Circuit/Open
P2762	Torque Converter Clutch Pressure Control Solenoid Control Circuit Range/Performance
P2763	Torque Converter Clutch Pressure Control Solenoid Control Circuit High
P2764	Torque Converter Clutch Pressure Control Solenoid Control Circuit Low
P2765	Input/Turbine Speed Sensor "A" Circuit
P2766	Input/Turbine Speed Sensor "B" Circuit Range/Performance
P2767	Input/Turbine Speed Sensor "B" Circuit No Signal
P2768	Input/Turbine Speed Sensor "B" Circuit Intermittent
P2769	Torque Converter Clutch Circuit Low
P276A	ISO/SAE Reserved
P276B	ISO/SAE Reserved
P276C	ISO/SAE Reserved
P276D	ISO/SAE Reserved
P276E	ISO/SAE Reserved
P276F	ISO/SAE Reserved
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
P2776	Upshift Switch Circuit Low
P2777	Upshift Switch Circuit High
P2778	Upshift Switch Circuit Intermittent/Erratic
P2779	Downshift Switch Circuit Range/Performance
P277A	ISO/SAE Reserved
P277B	ISO/SAE Reserved
P277C	ISO/SAE Reserved

Codes	Definition
P277D	ISO/SAE Reserved
P277E	ISO/SAE Reserved
P277F	ISO/SAE Reserved
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
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 "A" Adaptive Learning at Limit
P278A	Kick Down Switch Circuit
P278B	Kick Down Switch Circuit Range/Performance
P278C	Kick Down Switch Circuit Low
P278D	Kick Down Switch Circuit High
P278E	Kick Down Switch Circuit Intermittent/Erratic
P278F	Clutch "B" 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/Open
P2797	Auxiliary Transmission Fluid Pump Performance
P2798	Auxiliary Transmission Fluid Pump Control Circuit Low
P2799	Auxiliary Transmission Fluid Pump Control Circuit High
P279A	Transfer Case Gear High Incorrect Ratio
P279B	Transfer Case Gear Low Incorrect Ratio
P279C	Transfer Case Gear Neutral Incorrect Ratio
P279D	Four Wheel Drive (4WD) Range Signal Circuit
P279E	Four Wheel Drive (4WD) Range Signal Circuit Range/Performance
P279F	Four Wheel Drive (4WD) Range Signal Circuit Low
P27A0	Four Wheel Drive (4WD) Range Signal Circuit High
P27A1	ISO/SAE Reserved
P27A2	ISO/SAE Reserved
P27A3	ISO/SAE Reserved
P27A4	ISO/SAE Reserved
P27A5	ISO/SAE Reserved
P27A6	ISO/SAE Reserved
P27A7	ISO/SAE Reserved
P27A8	ISO/SAE Reserved

Codes	Definition
P27A9	ISO/SAE Reserved
P27AA	ISO/SAE Reserved
P27AB	ISO/SAE Reserved
P27AC	ISO/SAE Reserved
P27AD	ISO/SAE Reserved
P27AE	ISO/SAE Reserved
P27AF	ISO/SAE Reserved
P27B0	ISO/SAE Reserved
P27B1	ISO/SAE Reserved
P27B2	ISO/SAE Reserved
P27B3	ISO/SAE Reserved
P27B4	ISO/SAE Reserved
P27B5	ISO/SAE Reserved
P27B6	ISO/SAE Reserved
P27B7	ISO/SAE Reserved
P27B8	ISO/SAE Reserved
P27B9	ISO/SAE Reserved
P27BA	ISO/SAE Reserved
P27BB	ISO/SAE Reserved
P27BC	ISO/SAE Reserved
P27BD	ISO/SAE Reserved
P27BE	ISO/SAE Reserved
P27BF	ISO/SAE Reserved
P27C0	ISO/SAE Reserved
P27C1	ISO/SAE Reserved
P27C2	ISO/SAE Reserved
P27C3	ISO/SAE Reserved
P27C4	ISO/SAE Reserved
P27C5	ISO/SAE Reserved
P27C6	ISO/SAE Reserved
P27C7	ISO/SAE Reserved
P27C8	ISO/SAE Reserved
P27C9	ISO/SAE Reserved
P27CA	ISO/SAE Reserved
P27CB	ISO/SAE Reserved
P27CC	ISO/SAE Reserved
P27CD	ISO/SAE Reserved
P27CE	ISO/SAE Reserved
P27CF	ISO/SAE Reserved
P27D0	ISO/SAE Reserved
P27D1	ISO/SAE Reserved
P27D2	ISO/SAE Reserved
P27D3	ISO/SAE Reserved
P27D4	ISO/SAE Reserved

Codes	Definition
P27D5	ISO/SAE Reserved
P27D6	ISO/SAE Reserved
P27D7	ISO/SAE Reserved
P27D8	ISO/SAE Reserved
P27D9	ISO/SAE Reserved
P27DA	ISO/SAE Reserved
P27DB	ISO/SAE Reserved
P27DC	ISO/SAE Reserved
P27DD	ISO/SAE Reserved
P27DE	ISO/SAE Reserved
P27DF	ISO/SAE Reserved
P27E0	ISO/SAE Reserved
P27E1	ISO/SAE Reserved
P27E2	ISO/SAE Reserved
P27E3	ISO/SAE Reserved
P27E4	ISO/SAE Reserved
P27E5	ISO/SAE Reserved
P27E6	ISO/SAE Reserved
P27E7	ISO/SAE Reserved
P27E8	ISO/SAE Reserved
P27E9	ISO/SAE Reserved
P27EA	ISO/SAE Reserved
P27EB	ISO/SAE Reserved
P27EC	ISO/SAE Reserved
P27ED	ISO/SAE Reserved
P27EE	ISO/SAE Reserved
P27EF	ISO/SAE Reserved
P27F0	ISO/SAE Reserved
P27F1	ISO/SAE Reserved
P27F2	ISO/SAE Reserved
P27F3	ISO/SAE Reserved
P27F4	ISO/SAE Reserved
P27F5	ISO/SAE Reserved
P27F6	ISO/SAE Reserved
P27F7	ISO/SAE Reserved
P27F8	ISO/SAE Reserved
P27F9	ISO/SAE Reserved
P27FA	ISO/SAE Reserved
P27FB	ISO/SAE Reserved
P27FC	ISO/SAE Reserved
P27FD	ISO/SAE Reserved
P27FE	ISO/SAE Reserved
P27FF	ISO/SAE Reserved
P2800	Transmission Range Sensor "B" Circuit Malfunction (PRNDL input)

Codes	Definition
P2801	Transmission Range Sensor "B" Circuit Range/Performance
P2802	Transmission Range Sensor "B" Circuit Low
P2803	Transmission Range Sensor "B" Circuit High
P2804	Transmission Range Sensor "B" Circuit High
P2805	Transmission Range Sensor "A"/"B" Correlation
P2806	Transmission Range Sensor Alignment
P2807	Pressure Control Solenoid G Malfunction
P2808	Pressure Control Solenoid G Performance Or Stuck Off
P2809	Pressure Control Solenoid G Stuck On
P280A	Transmission Range Sensor "A" Circuit Not Learned
P280B	Transmission Range Sensor "B" Circuit Not Learned
P280C	ISO/SAE Reserved
P280D	ISO/SAE Reserved
P280E	ISO/SAE Reserved
P280F	ISO/SAE Reserved
P2810	Pressure Control Solenoid G Electrical
P2811	Pressure Control Solenoid G Intermittent
P2812	Pressure Control Solenoid G Control Circuit/Open
P2813	Pressure Control Solenoid G Control Circuit Range/Performance
P2814	Pressure Control Solenoid G Control Circuit Low
P2815	Pressure Control Solenoid G Control Circuit High
P2816	Pressure Control Solenoid H Malfunction
P2817	Pressure Control Solenoid H Performance Or Stuck Off
P2818	Pressure Control Solenoid H Stuck On
P2819	Pressure Control Solenoid H Electrical
P281A	Pressure Control Solenoid H Intermittent
P281B	Pressure Control Solenoid H Control Circuit/Open
P281C	Pressure Control Solenoid H Control Circuit Range/Performance
P281D	Pressure Control Solenoid H Control Circuit Low
P281E	Pressure Control Solenoid H Control Circuit High
P281F	Pressure Control Solenoid J Malfunction
P2820	Pressure Control Solenoid J Performance Or Stuck Off
P2821	Pressure Control Solenoid J Stuck On
P2822	Pressure Control Solenoid J Electrical
P2823	Pressure Control Solenoid J Intermittent
P2824	Pressure Control Solenoid J Control Circuit/Open
P2825	Pressure Control Solenoid J Control Circuit Range/Performance
P2826	Pressure Control Solenoid J Control Circuit Low
P2827	Pressure Control Solenoid J Control Circuit High
P2828	Pressure Control Solenoid K Malfunction
P2829	Pressure Control Solenoid K Performance Or Stuck Off
P282A	Pressure Control Solenoid K Stuck On
P282B	Pressure Control Solenoid K Electrical
P282C	Pressure Control Solenoid K Intermittent

Codes	Definition
P282D	Pressure Control Solenoid K Control Circuit/Open
P282E	Pressure Control Solenoid K Control Circuit Range/Performance
P282F	Pressure Control Solenoid K Control Circuit Low
P2830	Pressure Control Solenoid K Control Circuit High
P2831	Shift Fork "A" Position Circuit
P2832	Shift Fork "A" Position Circuit Range/Performance
P2833	Shift Fork "A" Position Circuit Low
P2834	Shift Fork "A" Position Circuit High
P2835	Shift Fork "A" Position Circuit Intermittent
P2836	Shift Fork "B" Position Circuit
P2837	Shift Fork "B" Position Circuit Range/Performance
P2838	Shift Fork "B" Position Circuit Low
P2839	Shift Fork "B" Position Circuit High
P283A	Shift Fork "B" Position Circuit Intermittent
P283B	Shift Fork "C" Position Circuit
P283C	Shift Fork "C" Position Circuit Range/Performance
P283D	Shift Fork "C" Position Circuit Low
P283E	Shift Fork "C" Position Circuit High
P283F	Shift Fork "C" Position Circuit Intermittent
P2840	Shift Fork "D" Position Circuit
P2841	Shift Fork "D" Position Circuit Range/Performance
P2842	Shift Fork "D" Position Circuit Low
P2843	Shift Fork "D" Position Circuit High
P2844	Shift Fork "D" Position Circuit Intermittent
P2845	Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated
P2846	Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated
P2847	Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated
P2848	Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated
P2849	Shift Fork "A" Stuck
P284A	Shift Fork "B" Stuck
P284B	Shift Fork "C" Stuck
P284C	Shift Fork "D" Stuck
P284D	Shift Fork "A" Unrequested Movement
P284E	Shift Fork "B" Unrequested Movement
P284F	Shift Fork "C" Unrequested Movement
P2850	Shift Fork "D" Unrequested Movement
P2851	Shift Fork Position Sensor "A"/"B" Correlation
P2852	Shift Fork Position Sensor "C"/"D" Correlation
P2853	Clutch "A" Pressure Discharge Performance
P2854	Clutch "B" Pressure Discharge Performance
P2855	Clutch "A" Pressure Charge Performance
P2856	Clutch "B" Pressure Charge Performance
P2857	Clutch "A" Pressure Engagement Performance
P2858	Clutch "B" Pressure Engagement Performance

Codes	Definition
P2859	Clutch "A" Pressure Disengagement Performance
P285A	Clutch "B" Pressure Disengagement Performance
P285B	ISO/SAE Reserved
P285C	ISO/SAE Reserved
P285D	ISO/SAE Reserved
P285E	ISO/SAE Reserved
P285F	ISO/SAE Reserved
P2860	ISO/SAE Reserved
P2861	ISO/SAE Reserved
P2862	ISO/SAE Reserved
P2863	ISO/SAE Reserved
P2864	ISO/SAE Reserved
P2865	ISO/SAE Reserved
P2866	ISO/SAE Reserved
P2867	ISO/SAE Reserved
P2868	ISO/SAE Reserved
P2869	ISO/SAE Reserved
P286A	ISO/SAE Reserved
P286B	ISO/SAE Reserved
P286C	ISO/SAE Reserved
P286D	ISO/SAE Reserved
P286E	ISO/SAE Reserved
P286F	ISO/SAE Reserved
P2870	ISO/SAE Reserved
P2871	ISO/SAE Reserved
P2872	ISO/SAE Reserved
P2873	ISO/SAE Reserved
P2874	ISO/SAE Reserved
P2875	ISO/SAE Reserved
P2876	ISO/SAE Reserved
P2877	ISO/SAE Reserved
P2878	ISO/SAE Reserved
P2879	ISO/SAE Reserved
P287A	ISO/SAE Reserved
P287B	ISO/SAE Reserved
P287C	ISO/SAE Reserved
P287D	ISO/SAE Reserved
P287E	ISO/SAE Reserved
P287F	ISO/SAE Reserved
P2880	ISO/SAE Reserved
P2881	ISO/SAE Reserved
P2882	ISO/SAE Reserved
P2883	ISO/SAE Reserved
P2884	ISO/SAE Reserved

Codes	Definition
P2885	ISO/SAE Reserved
P2886	ISO/SAE Reserved
P2887	ISO/SAE Reserved
P2888	ISO/SAE Reserved
P2889	ISO/SAE Reserved
P288A	ISO/SAE Reserved
P288B	ISO/SAE Reserved
P288C	ISO/SAE Reserved
P288D	ISO/SAE Reserved
P288E	ISO/SAE Reserved
P288F	ISO/SAE Reserved
P2890	ISO/SAE Reserved
P2891	ISO/SAE Reserved
P2892	ISO/SAE Reserved
P2893	ISO/SAE Reserved
P2894	ISO/SAE Reserved
P2895	ISO/SAE Reserved
P2896	ISO/SAE Reserved
P2897	ISO/SAE Reserved
P2898	ISO/SAE Reserved
P2899	ISO/SAE Reserved
P289A	ISO/SAE Reserved
P289B	ISO/SAE Reserved
P289C	ISO/SAE Reserved
P289D	ISO/SAE Reserved
P289E	ISO/SAE Reserved
P289F	ISO/SAE Reserved
P28A0	ISO/SAE Reserved
P28A1	ISO/SAE Reserved
P28A2	ISO/SAE Reserved
P28A3	ISO/SAE Reserved
P28A4	ISO/SAE Reserved
P28A5	ISO/SAE Reserved
P28A6	ISO/SAE Reserved
P28A7	ISO/SAE Reserved
P28A8	ISO/SAE Reserved
P28A9	ISO/SAE Reserved
P28AA	ISO/SAE Reserved
P28AB	ISO/SAE Reserved
P28AC	ISO/SAE Reserved
P28AD	ISO/SAE Reserved
P28AE	ISO/SAE Reserved
P28AF	ISO/SAE Reserved
P28B0	ISO/SAE Reserved

Codes	Definition
P28B1	ISO/SAE Reserved
P28B2	ISO/SAE Reserved
P28B3	ISO/SAE Reserved
P28B4	ISO/SAE Reserved
P28B5	ISO/SAE Reserved
P28B6	ISO/SAE Reserved
P28B7	ISO/SAE Reserved
P28B8	ISO/SAE Reserved
P28B9	ISO/SAE Reserved
P28BA	ISO/SAE Reserved
P28BB	ISO/SAE Reserved
P28BC	ISO/SAE Reserved
P28BD	ISO/SAE Reserved
P28BE	ISO/SAE Reserved
P28BF	ISO/SAE Reserved
P28C0	ISO/SAE Reserved
P28C1	ISO/SAE Reserved
P28C2	ISO/SAE Reserved
P28C3	ISO/SAE Reserved
P28C4	ISO/SAE Reserved
P28C5	ISO/SAE Reserved
P28C6	ISO/SAE Reserved
P28C7	ISO/SAE Reserved
P28C8	ISO/SAE Reserved
P28C9	ISO/SAE Reserved
P28CA	ISO/SAE Reserved
P28CB	ISO/SAE Reserved
P28CC	ISO/SAE Reserved
P28CD	ISO/SAE Reserved
P28CE	ISO/SAE Reserved
P28CF	ISO/SAE Reserved
P28D0	ISO/SAE Reserved
P28D1	ISO/SAE Reserved
P28D2	ISO/SAE Reserved
P28D3	ISO/SAE Reserved
P28D4	ISO/SAE Reserved
P28D5	ISO/SAE Reserved
P28D6	ISO/SAE Reserved
P28D7	ISO/SAE Reserved
P28D8	ISO/SAE Reserved
P28D9	ISO/SAE Reserved
P28DA	ISO/SAE Reserved
P28DB	ISO/SAE Reserved
P28DC	ISO/SAE Reserved

Codes	Definition
P28DD	ISO/SAE Reserved
P28DE	ISO/SAE Reserved
P28DF	ISO/SAE Reserved
P28E0	ISO/SAE Reserved
P28E1	ISO/SAE Reserved
P28E2	ISO/SAE Reserved
P28E3	ISO/SAE Reserved
P28E4	ISO/SAE Reserved
P28E5	ISO/SAE Reserved
P28E6	ISO/SAE Reserved
P28E7	ISO/SAE Reserved
P28E8	ISO/SAE Reserved
P28E9	ISO/SAE Reserved
P28EA	ISO/SAE Reserved
P28EB	ISO/SAE Reserved
P28EC	ISO/SAE Reserved
P28ED	ISO/SAE Reserved
P28EE	ISO/SAE Reserved
P28EF	ISO/SAE Reserved
P28F0	ISO/SAE Reserved
P28F1	ISO/SAE Reserved
P28F2	ISO/SAE Reserved
P28F3	ISO/SAE Reserved
P28F4	ISO/SAE Reserved
P28F5	ISO/SAE Reserved
P28F6	ISO/SAE Reserved
P28F7	ISO/SAE Reserved
P28F8	ISO/SAE Reserved
P28F9	ISO/SAE Reserved
P28FA	ISO/SAE Reserved
P28FB	ISO/SAE Reserved
P28FC	ISO/SAE Reserved
P28FD	ISO/SAE Reserved
P28FE	ISO/SAE Reserved
P28FF	ISO/SAE Reserved
P2900	ISO/SAE Reserved
P2A00	O2 Sensor Circuit Range/Performance Bank 1 Sensor 1
P2A01	O2 Sensor Circuit Range/Performance Bank 1 Sensor 2
P2A02	O2 Sensor Circuit Range/Performance Bank 1 Sensor 3
P2A03	O2 Sensor Circuit Range/Performance Bank 2 Sensor 1
P2A04	O2 Sensor Circuit Range/Performance Bank 2 Sensor 2
P2A05	O2 Sensor Circuit Range/Performance Bank 2 Sensor 3
P2A06	O2 Sensor Negative Voltage Bank 1 Sensor 1
P2A07	O2 Sensor Negative Voltage Bank 1 Sensor 2

Codes	Definition
P2A08	O2 Sensor Negative Voltage Bank 1 Sensor 3
P2A09	O2 Sensor Negative Voltage Bank 2 Sensor 1
P2A0A	ISO/SAE Reserved
P2A0B	ISO/SAE Reserved
P2A0C	ISO/SAE Reserved
P2A0D	ISO/SAE Reserved
P2A0E	ISO/SAE Reserved
P2A0F	ISO/SAE Reserved
P2A10	O2 Sensor Negative Voltage Bank 2 Sensor 2
P2A11	O2 Sensor Negative Voltage Bank 2 Sensor 3
P2A12	ISO/SAE Reserved
P2A13	ISO/SAE Reserved
P2A14	ISO/SAE Reserved
P2A15	ISO/SAE Reserved
P2A16	ISO/SAE Reserved
P2A17	ISO/SAE Reserved
P2A18	ISO/SAE Reserved
P2A19	ISO/SAE Reserved
P2A1A	ISO/SAE Reserved
P2A1B	ISO/SAE Reserved
P2A1C	ISO/SAE Reserved
P2A1D	ISO/SAE Reserved
P2A1E	ISO/SAE Reserved
P2A1F	ISO/SAE Reserved
P2A20	ISO/SAE Reserved
P2A21	ISO/SAE Reserved
P2A22	ISO/SAE Reserved
P2A23	ISO/SAE Reserved
P2A24	ISO/SAE Reserved
P2A25	ISO/SAE Reserved
P2A26	ISO/SAE Reserved
P2A27	ISO/SAE Reserved
P2A28	ISO/SAE Reserved
P2A29	ISO/SAE Reserved
P2A2A	ISO/SAE Reserved
P2A2B	ISO/SAE Reserved
P2A2C	ISO/SAE Reserved
P2A2D	ISO/SAE Reserved
P2A2E	ISO/SAE Reserved
P2A2F	ISO/SAE Reserved
P2A30	ISO/SAE Reserved
P2A31	ISO/SAE Reserved
P2A32	ISO/SAE Reserved
P2A33	ISO/SAE Reserved

Codes	Definition
P2A34	ISO/SAE Reserved
P2A35	ISO/SAE Reserved
P2A36	ISO/SAE Reserved
P2A37	ISO/SAE Reserved
P2A38	ISO/SAE Reserved
P2A39	ISO/SAE Reserved
P2A3A	ISO/SAE Reserved
P2A3B	ISO/SAE Reserved
P2A3C	ISO/SAE Reserved
P2A3D	ISO/SAE Reserved
P2A3E	ISO/SAE Reserved
P2A3F	ISO/SAE Reserved
P2A40	ISO/SAE Reserved
P2A41	ISO/SAE Reserved
P2A42	ISO/SAE Reserved
P2A43	ISO/SAE Reserved
P2A44	ISO/SAE Reserved
P2A45	ISO/SAE Reserved
P2A46	ISO/SAE Reserved
P2A47	ISO/SAE Reserved
P2A48	ISO/SAE Reserved
P2A49	ISO/SAE Reserved
P2A4A	ISO/SAE Reserved
P2A4B	ISO/SAE Reserved
P2A4C	ISO/SAE Reserved
P2A4D	ISO/SAE Reserved
P2A4E	ISO/SAE Reserved
P2A4F	ISO/SAE Reserved
P2A50	ISO/SAE Reserved
P2A51	ISO/SAE Reserved
P2A52	ISO/SAE Reserved
P2A53	ISO/SAE Reserved
P2A54	ISO/SAE Reserved
P2A55	ISO/SAE Reserved
P2A56	ISO/SAE Reserved
P2A57	ISO/SAE Reserved
P2A58	ISO/SAE Reserved
P2A59	ISO/SAE Reserved
P2A5A	ISO/SAE Reserved
P2A5B	ISO/SAE Reserved
P2A5C	ISO/SAE Reserved
P2A5D	ISO/SAE Reserved
P2A5E	ISO/SAE Reserved
P2A5F	ISO/SAE Reserved

Codes	Definition
P2A60	ISO/SAE Reserved
P2A61	ISO/SAE Reserved
P2A62	ISO/SAE Reserved
P2A63	ISO/SAE Reserved
P2A64	ISO/SAE Reserved
P2A65	ISO/SAE Reserved
P2A66	ISO/SAE Reserved
P2A67	ISO/SAE Reserved
P2A68	ISO/SAE Reserved
P2A69	ISO/SAE Reserved
P2A6A	ISO/SAE Reserved
P2A6B	ISO/SAE Reserved
P2A6C	ISO/SAE Reserved
P2A6D	ISO/SAE Reserved
P2A6E	ISO/SAE Reserved
P2A6F	ISO/SAE Reserved
P2A70	ISO/SAE Reserved
P2A71	ISO/SAE Reserved
P2A72	ISO/SAE Reserved
P2A73	ISO/SAE Reserved
P2A74	ISO/SAE Reserved
P2A75	ISO/SAE Reserved
P2A76	ISO/SAE Reserved
P2A77	ISO/SAE Reserved
P2A78	ISO/SAE Reserved
P2A79	ISO/SAE Reserved
P2A7A	ISO/SAE Reserved
P2A7B	ISO/SAE Reserved
P2A7C	ISO/SAE Reserved
P2A7D	ISO/SAE Reserved
P2A7E	ISO/SAE Reserved
P2A7F	ISO/SAE Reserved
P2A80	ISO/SAE Reserved
P2A81	ISO/SAE Reserved
P2A82	ISO/SAE Reserved
P2A83	ISO/SAE Reserved
P2A84	ISO/SAE Reserved
P2A85	ISO/SAE Reserved
P2A86	ISO/SAE Reserved
P2A87	ISO/SAE Reserved
P2A88	ISO/SAE Reserved
P2A89	ISO/SAE Reserved
P2A8A	ISO/SAE Reserved
P2A8B	ISO/SAE Reserved

Codes	Definition
P2A8C	ISO/SAE Reserved
P2A8D	ISO/SAE Reserved
P2A8E	ISO/SAE Reserved
P2A8F	ISO/SAE Reserved
P2A90	ISO/SAE Reserved
P2A91	ISO/SAE Reserved
P2A92	ISO/SAE Reserved
P2A93	ISO/SAE Reserved
P2A94	ISO/SAE Reserved
P2A95	ISO/SAE Reserved
P2A96	ISO/SAE Reserved
P2A97	ISO/SAE Reserved
P2A98	ISO/SAE Reserved
P2A99	ISO/SAE Reserved
P2A9A	ISO/SAE Reserved
P2A9B	ISO/SAE Reserved
P2A9C	ISO/SAE Reserved
P2A9D	ISO/SAE Reserved
P2A9E	ISO/SAE Reserved
P2A9F	ISO/SAE Reserved
P2AA0	ISO/SAE Reserved
P2AA1	ISO/SAE Reserved
P2AA2	ISO/SAE Reserved
P2AA3	ISO/SAE Reserved
P2AA4	ISO/SAE Reserved
P2AA5	ISO/SAE Reserved
P2AA6	ISO/SAE Reserved
P2AA7	ISO/SAE Reserved
P2AA8	ISO/SAE Reserved
P2AA9	ISO/SAE Reserved
P2AAA	ISO/SAE Reserved
P2AAB	ISO/SAE Reserved
P2AAC	ISO/SAE Reserved
P2AAD	ISO/SAE Reserved
P2AAE	ISO/SAE Reserved
P2AAF	ISO/SAE Reserved
P2AB0	ISO/SAE Reserved
P2AB1	ISO/SAE Reserved
P2AB2	ISO/SAE Reserved
P2AB3	ISO/SAE Reserved
P2AB4	ISO/SAE Reserved
P2AB5	ISO/SAE Reserved
P2AB6	ISO/SAE Reserved
P2AB7	ISO/SAE Reserved

Codes	Definition
P2AB8	ISO/SAE Reserved
P2AB9	ISO/SAE Reserved
P2ABA	ISO/SAE Reserved
P2ABB	ISO/SAE Reserved
P2ABC	ISO/SAE Reserved
P2ABD	ISO/SAE Reserved
P2ABE	ISO/SAE Reserved
P2ABF	ISO/SAE Reserved
P2ACA	ISO/SAE Reserved
P2ACB	ISO/SAE Reserved
P2ACC	ISO/SAE Reserved
P2ACD	ISO/SAE Reserved
P2ACE	ISO/SAE Reserved
P2ACF	ISO/SAE Reserved
P2ADA	ISO/SAE Reserved
P2ADB	ISO/SAE Reserved
P2ADC	ISO/SAE Reserved
P2ADD	ISO/SAE Reserved
P2ADE	ISO/SAE Reserved
P2ADF	ISO/SAE Reserved
P2AEA	ISO/SAE Reserved
P2AEB	ISO/SAE Reserved
P2AEC	ISO/SAE Reserved
P2AED	ISO/SAE Reserved
P2AEE	ISO/SAE Reserved
P2AEF	ISO/SAE Reserved
P2AFA	ISO/SAE Reserved
P2AFB	ISO/SAE Reserved
P2AFC	ISO/SAE Reserved
P2AFD	ISO/SAE Reserved
P2AFE	ISO/SAE Reserved
P2AFF	ISO/SAE Reserved
P2B00	ISO/SAE Reserved
P2B01	ISO/SAE Reserved
P2B02	ISO/SAE Reserved
P2B03	ISO/SAE Reserved
P2B04	ISO/SAE Reserved
P2B05	ISO/SAE Reserved
P2B06	ISO/SAE Reserved
P2B07	ISO/SAE Reserved
P2B08	ISO/SAE Reserved
P2B09	ISO/SAE Reserved
P2B0A	ISO/SAE Reserved
P2B0B	ISO/SAE Reserved

Codes	Definition
P2B0C	ISO/SAE Reserved
P2B0D	ISO/SAE Reserved
P2B0E	ISO/SAE Reserved
P2B0F	ISO/SAE Reserved
P2B10	ISO/SAE Reserved
P2B11	ISO/SAE Reserved
P2B12	ISO/SAE Reserved
P2B13	ISO/SAE Reserved
P2B14	ISO/SAE Reserved
P2B15	ISO/SAE Reserved
P2B16	ISO/SAE Reserved
P2B17	ISO/SAE Reserved
P2B18	ISO/SAE Reserved
P2B19	ISO/SAE Reserved
P2B1A	ISO/SAE Reserved
P2B1B	ISO/SAE Reserved
P2B1C	ISO/SAE Reserved
P2B1D	ISO/SAE Reserved
P2B1E	ISO/SAE Reserved
P2B1F	ISO/SAE Reserved
P2B20	ISO/SAE Reserved
P2B21	ISO/SAE Reserved
P2B22	ISO/SAE Reserved
P2B23	ISO/SAE Reserved
P2B24	ISO/SAE Reserved
P2B25	ISO/SAE Reserved
P2B26	ISO/SAE Reserved
P2B27	ISO/SAE Reserved
P2B28	ISO/SAE Reserved
P2B29	ISO/SAE Reserved
P2B2A	ISO/SAE Reserved
P2B2B	ISO/SAE Reserved
P2B2C	ISO/SAE Reserved
P2B2D	ISO/SAE Reserved
P2B2E	ISO/SAE Reserved
P2B2F	ISO/SAE Reserved
P2B30	ISO/SAE Reserved
P2B31	ISO/SAE Reserved
P2B32	ISO/SAE Reserved
P2B33	ISO/SAE Reserved
P2B34	ISO/SAE Reserved
P2B35	ISO/SAE Reserved
P2B36	ISO/SAE Reserved
P2B37	ISO/SAE Reserved

Codes	Definition
P2B38	ISO/SAE Reserved
P2B39	ISO/SAE Reserved
P2B3A	ISO/SAE Reserved
P2B3B	ISO/SAE Reserved
P2B3C	ISO/SAE Reserved
P2B3D	ISO/SAE Reserved
P2B3E	ISO/SAE Reserved
P2B3F	ISO/SAE Reserved
P2B40	ISO/SAE Reserved
P2B41	ISO/SAE Reserved
P2B42	ISO/SAE Reserved
P2B43	ISO/SAE Reserved
P2B44	ISO/SAE Reserved
P2B45	ISO/SAE Reserved
P2B46	ISO/SAE Reserved
P2B47	ISO/SAE Reserved
P2B48	ISO/SAE Reserved
P2B49	ISO/SAE Reserved
P2B4A	ISO/SAE Reserved
P2B4B	ISO/SAE Reserved
P2B4C	ISO/SAE Reserved
P2B4D	ISO/SAE Reserved
P2B4E	ISO/SAE Reserved
P2B4F	ISO/SAE Reserved
P2B50	ISO/SAE Reserved
P2B51	ISO/SAE Reserved
P2B52	ISO/SAE Reserved
P2B53	ISO/SAE Reserved
P2B54	ISO/SAE Reserved
P2B55	ISO/SAE Reserved
P2B56	ISO/SAE Reserved
P2B57	ISO/SAE Reserved
P2B58	ISO/SAE Reserved
P2B59	ISO/SAE Reserved
P2B5A	ISO/SAE Reserved
P2B5B	ISO/SAE Reserved
P2B5C	ISO/SAE Reserved
P2B5D	ISO/SAE Reserved
P2B5E	ISO/SAE Reserved
P2B5F	ISO/SAE Reserved
P2B60	ISO/SAE Reserved
P2B61	ISO/SAE Reserved
P2B62	ISO/SAE Reserved
P2B63	ISO/SAE Reserved

Codes	Definition
P2B64	ISO/SAE Reserved
P2B65	ISO/SAE Reserved
P2B66	ISO/SAE Reserved
P2B67	ISO/SAE Reserved
P2B68	ISO/SAE Reserved
P2B69	ISO/SAE Reserved
P2B6A	ISO/SAE Reserved
P2B6B	ISO/SAE Reserved
P2B6C	ISO/SAE Reserved
P2B6D	ISO/SAE Reserved
P2B6E	ISO/SAE Reserved
P2B6F	ISO/SAE Reserved
P2B70	ISO/SAE Reserved
P2B71	ISO/SAE Reserved
P2B72	ISO/SAE Reserved
P2B73	ISO/SAE Reserved
P2B74	ISO/SAE Reserved
P2B75	ISO/SAE Reserved
P2B76	ISO/SAE Reserved
P2B77	ISO/SAE Reserved
P2B78	ISO/SAE Reserved
P2B79	ISO/SAE Reserved
P2B7A	ISO/SAE Reserved
P2B7B	ISO/SAE Reserved
P2B7C	ISO/SAE Reserved
P2B7D	ISO/SAE Reserved
P2B7E	ISO/SAE Reserved
P2B7F	ISO/SAE Reserved
P2B80	ISO/SAE Reserved
P2B81	ISO/SAE Reserved
P2B82	ISO/SAE Reserved
P2B83	ISO/SAE Reserved
P2B84	ISO/SAE Reserved
P2B85	ISO/SAE Reserved
P2B86	ISO/SAE Reserved
P2B87	ISO/SAE Reserved
P2B88	ISO/SAE Reserved
P2B89	ISO/SAE Reserved
P2B8A	ISO/SAE Reserved
P2B8B	ISO/SAE Reserved
P2B8C	ISO/SAE Reserved
P2B8D	ISO/SAE Reserved
P2B8E	ISO/SAE Reserved
P2B8F	ISO/SAE Reserved

Codes	Definition
P2B90	ISO/SAE Reserved
P2B91	ISO/SAE Reserved
P2B92	ISO/SAE Reserved
P2B93	ISO/SAE Reserved
P2B94	ISO/SAE Reserved
P2B95	ISO/SAE Reserved
P2B96	ISO/SAE Reserved
P2B97	ISO/SAE Reserved
P2B98	ISO/SAE Reserved
P2B99	ISO/SAE Reserved
P2B9A	ISO/SAE Reserved
P2B9B	ISO/SAE Reserved
P2B9C	ISO/SAE Reserved
P2B9D	ISO/SAE Reserved
P2B9E	ISO/SAE Reserved
P2B9F	ISO/SAE Reserved
P2BA0	ISO/SAE Reserved
P2BA1	ISO/SAE Reserved
P2BA2	ISO/SAE Reserved
P2BA3	ISO/SAE Reserved
P2BA4	ISO/SAE Reserved
P2BA5	ISO/SAE Reserved
P2BA6	ISO/SAE Reserved
P2BA7	NOx Exceedence - Empty Reagent Tank
P2BA8	NOx Exceedence - Interruption of Reagent Dosing Activity
P2BA9	NOx Exceedence - Insufficient Reagent Quality
P2BAA	NOx Exceedence - Low Reagent Consumption
P2BAB	NOx Exceedence - Incorrect EGR Flow
P2BAC	NOx Exceedence - Deactivation of EGR
P2BAD	NOx Exceedence - Root Cause Unknown
P2BAE	NOx Exceedence - NOx control monitoring system
P2BAF	ISO/SAE Reserved
P2BB0	ISO/SAE Reserved
P2BB1	ISO/SAE Reserved
P2BB2	ISO/SAE Reserved
P2BB3	ISO/SAE Reserved
P2BB4	ISO/SAE Reserved
P2BB5	ISO/SAE Reserved
P2BB6	ISO/SAE Reserved
P2BB7	ISO/SAE Reserved
P2BB8	ISO/SAE Reserved
P2BB9	ISO/SAE Reserved
P2BBA	ISO/SAE Reserved
P2BBB	ISO/SAE Reserved

Codes	Definition
P2BBC	ISO/SAE Reserved
P2BBD	ISO/SAE Reserved
P2BBE	ISO/SAE Reserved
P2BBF	ISO/SAE Reserved
P2BC0	ISO/SAE Reserved
P2BC1	ISO/SAE Reserved
P2BC2	ISO/SAE Reserved
P2BC3	ISO/SAE Reserved
P2BC4	ISO/SAE Reserved
P2BC5	ISO/SAE Reserved
P2BC6	ISO/SAE Reserved
P2BC7	ISO/SAE Reserved
P2BC8	ISO/SAE Reserved
P2BC9	ISO/SAE Reserved
P2BCA	ISO/SAE Reserved
P2BCB	ISO/SAE Reserved
P2BCC	ISO/SAE Reserved
P2BCD	ISO/SAE Reserved
P2BCE	ISO/SAE Reserved
P2BCF	ISO/SAE Reserved
P2BD0	ISO/SAE Reserved
P2BD1	ISO/SAE Reserved
P2BD2	ISO/SAE Reserved
P2BD3	ISO/SAE Reserved
P2BD4	ISO/SAE Reserved
P2BD5	ISO/SAE Reserved
P2BD6	ISO/SAE Reserved
P2BD7	ISO/SAE Reserved
P2BD8	ISO/SAE Reserved
P2BD9	ISO/SAE Reserved
P2BDA	ISO/SAE Reserved
P2BDB	ISO/SAE Reserved
P2BDC	ISO/SAE Reserved
P2BDD	ISO/SAE Reserved
P2BDE	ISO/SAE Reserved
P2BDF	ISO/SAE Reserved
P2BE0	ISO/SAE Reserved
P2BE1	ISO/SAE Reserved
P2BE2	ISO/SAE Reserved
P2BE3	ISO/SAE Reserved
P2BE4	ISO/SAE Reserved
P2BE5	ISO/SAE Reserved
P2BE6	ISO/SAE Reserved
P2BE7	ISO/SAE Reserved

Codes	Definition
P2BE8	ISO/SAE Reserved
P2BE9	ISO/SAE Reserved
P2BEA	ISO/SAE Reserved
P2BEB	ISO/SAE Reserved
P2BEC	ISO/SAE Reserved
P2BED	ISO/SAE Reserved
P2BEE	ISO/SAE Reserved
P2BEF	ISO/SAE Reserved
P2BF0	ISO/SAE Reserved
P2BF1	ISO/SAE Reserved
P2BF2	ISO/SAE Reserved
P2BF3	ISO/SAE Reserved
P2BF4	ISO/SAE Reserved
P2BF5	ISO/SAE Reserved
P2BF6	ISO/SAE Reserved
P2BF7	ISO/SAE Reserved
P2BF8	ISO/SAE Reserved
P2BF9	ISO/SAE Reserved
P2BFA	ISO/SAE Reserved
P2BFB	ISO/SAE Reserved
P2BFC	ISO/SAE Reserved
P2BFD	ISO/SAE Reserved
P2BFE	ISO/SAE Reserved
P2BFF	ISO/SAE Reserved
P2C00	ISO/SAE Reserved
P2D00	ISO/SAE Reserved
P2E00	ISO/SAE Reserved
P2F00	ISO/SAE Reserved
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/Open
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
P340A	ISO/SAE Reserved
P340B	ISO/SAE Reserved
P340C	ISO/SAE Reserved
P340D	ISO/SAE Reserved
P340E	ISO/SAE Reserved
P340F	ISO/SAE Reserved

Codes	Definition
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/Open
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
P341A	ISO/SAE Reserved
P341B	ISO/SAE Reserved
P341C	ISO/SAE Reserved
P341D	ISO/SAE Reserved
P341E	ISO/SAE Reserved
P341F	ISO/SAE Reserved
P3420	Cylinder 3 Deactivation/Intake Valve Control Circuit High
P3421	Cylinder 3 Exhaust Valve Control Circuit/Open
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/Open
P342A	ISO/SAE Reserved
P342B	ISO/SAE Reserved
P342C	ISO/SAE Reserved
P342D	ISO/SAE Reserved
P342E	ISO/SAE Reserved
P342F	ISO/SAE Reserved
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/Open
P3438	Cylinder 5 Exhaust Valve Control Circuit Performance
P3439	Cylinder 5 Exhaust Valve Control Circuit Low
P343A	ISO/SAE Reserved
P343B	ISO/SAE Reserved

Codes	Definition
P343C	ISO/SAE Reserved
P343D	ISO/SAE Reserved
P343E	ISO/SAE Reserved
P343F	ISO/SAE Reserved
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/Open
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
P344A	ISO/SAE Reserved
P344B	ISO/SAE Reserved
P344C	ISO/SAE Reserved
P344D	ISO/SAE Reserved
P344E	ISO/SAE Reserved
P344F	ISO/SAE Reserved
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/Open
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
P345A	ISO/SAE Reserved
P345B	ISO/SAE Reserved
P345C	ISO/SAE Reserved
P345D	ISO/SAE Reserved
P345E	ISO/SAE Reserved
P345F	ISO/SAE Reserved
P3460	Cylinder 8 Deactivation/Intake Valve Control Circuit High
P3461	Cylinder 8 Exhaust Valve Control Circuit/Open
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

Codes	Definition
P3468	Cylinder 9 Deactivation/Intake Valve Control Circuit High
P3469	Cylinder 9 Exhaust Valve Control Circuit/Open
P346A	ISO/SAE Reserved
P346B	ISO/SAE Reserved
P346C	ISO/SAE Reserved
P346D	ISO/SAE Reserved
P346E	ISO/SAE Reserved
P346F	ISO/SAE Reserved
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/Open
P3478	Cylinder 10 Exhaust Valve Control Circuit Performance
P3479	Cylinder 10 Exhaust Valve Control Circuit Low
P347A	ISO/SAE Reserved
P347B	ISO/SAE Reserved
P347C	ISO/SAE Reserved
P347D	ISO/SAE Reserved
P347E	ISO/SAE Reserved
P347F	ISO/SAE Reserved
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/Open
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
P348A	ISO/SAE Reserved
P348B	ISO/SAE Reserved
P348C	ISO/SAE Reserved
P348D	ISO/SAE Reserved
P348E	ISO/SAE Reserved
P348F	ISO/SAE Reserved
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/Open

Codes	Definition
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
P3498	ISO/SAE Reserved
P3499	ISO/SAE Reserved
P349A	ISO/SAE Reserved
P349B	ISO/SAE Reserved
P349C	ISO/SAE Reserved
P349D	ISO/SAE Reserved
P349E	ISO/SAE Reserved
P349F	ISO/SAE Reserved
P34A0	ISO/SAE Reserved
P34A1	ISO/SAE Reserved
P34A2	ISO/SAE Reserved
P34A3	ISO/SAE Reserved
P34A4	ISO/SAE Reserved
P34A5	ISO/SAE Reserved
P34A6	ISO/SAE Reserved
P34A7	ISO/SAE Reserved
P34A8	ISO/SAE Reserved
P34A9	ISO/SAE Reserved
P34AA	ISO/SAE Reserved
P34AB	ISO/SAE Reserved
P34AC	ISO/SAE Reserved
P34AD	ISO/SAE Reserved
P34AE	ISO/SAE Reserved
P34AF	ISO/SAE Reserved
P34B0	ISO/SAE Reserved
P34B1	ISO/SAE Reserved
P34B2	ISO/SAE Reserved
P34B3	ISO/SAE Reserved
P34B4	ISO/SAE Reserved
P34B5	ISO/SAE Reserved
P34B6	ISO/SAE Reserved
P34B7	ISO/SAE Reserved
P34B8	ISO/SAE Reserved
P34B9	ISO/SAE Reserved
P34BA	ISO/SAE Reserved
P34BB	ISO/SAE Reserved
P34BC	ISO/SAE Reserved
P34BD	ISO/SAE Reserved
P34BE	ISO/SAE Reserved
P34BF	ISO/SAE Reserved

Codes	Definition
P34C0	ISO/SAE Reserved
P34C1	ISO/SAE Reserved
P34C2	ISO/SAE Reserved
P34C3	ISO/SAE Reserved
P34C4	ISO/SAE Reserved
P34C5	ISO/SAE Reserved
P34C6	ISO/SAE Reserved
P34C7	ISO/SAE Reserved
P34C8	ISO/SAE Reserved
P34C9	ISO/SAE Reserved
P34CA	ISO/SAE Reserved
P34CB	ISO/SAE Reserved
P34CC	ISO/SAE Reserved
P34CD	ISO/SAE Reserved
P34CE	ISO/SAE Reserved
P34CF	ISO/SAE Reserved
P34D0	ISO/SAE Reserved
P34D1	ISO/SAE Reserved
P34D2	ISO/SAE Reserved
P34D3	ISO/SAE Reserved
P34D4	ISO/SAE Reserved
P34D5	ISO/SAE Reserved
P34D6	ISO/SAE Reserved
P34D7	ISO/SAE Reserved
P34D8	ISO/SAE Reserved
P34D9	ISO/SAE Reserved
P34DA	ISO/SAE Reserved
P34DB	ISO/SAE Reserved
P34DC	ISO/SAE Reserved
P34DD	ISO/SAE Reserved
P34DE	ISO/SAE Reserved
P34DF	ISO/SAE Reserved
P34E0	ISO/SAE Reserved
P34E1	ISO/SAE Reserved
P34E2	ISO/SAE Reserved
P34E3	ISO/SAE Reserved
P34E4	ISO/SAE Reserved
P34E5	ISO/SAE Reserved
P34E6	ISO/SAE Reserved
P34E7	ISO/SAE Reserved
P34E8	ISO/SAE Reserved
P34E9	ISO/SAE Reserved
P34EA	ISO/SAE Reserved
P34EB	ISO/SAE Reserved

Codes	Definition
P34EC	ISO/SAE Reserved
P34ED	ISO/SAE Reserved
P34EE	ISO/SAE Reserved
P34EF	ISO/SAE Reserved
P34F0	ISO/SAE Reserved
P34F1	ISO/SAE Reserved
P34F2	ISO/SAE Reserved
P34F3	ISO/SAE Reserved
P34F4	ISO/SAE Reserved
P34F5	ISO/SAE Reserved
P34F6	ISO/SAE Reserved
P34F7	ISO/SAE Reserved
P34F8	ISO/SAE Reserved
P34F9	ISO/SAE Reserved
P34FA	ISO/SAE Reserved
P34FB	ISO/SAE Reserved
P34FC	ISO/SAE Reserved
P34FD	ISO/SAE Reserved
P34FE	ISO/SAE Reserved
P34FF	ISO/SAE Reserved
P3500	ISO/SAE Reserved
P3600	ISO/SAE Reserved
P3700	ISO/SAE Reserved
P3800	ISO/SAE Reserved
P3900	ISO/SAE Reserved
P3A00	ISO/SAE Reserved
P3B00	ISO/SAE Reserved
P3C00	ISO/SAE Reserved
P3D00	ISO/SAE Reserved
P3E00	ISO/SAE Reserved
U0000	ISO/SAE Reserved