



## OBD II DTCs and Their Associated Monitors

This is a list of all DTCs for all OBD II models. No one model has all these DTCs.

DTC	Detection Item	Associated Monitor
P0010	Variable Valve Timing Control (VTC) Oil Control Solenoid Valve Malfunction	Comprehensive
P0011	Variable Valve Timing Control (VTC) System Malfunction	Comprehensive
P0101	Mass Airflow (MAF) Sensor Range/Performance Problem	Comprehensive
P0102	Mass Airflow (MAF) Sensor Circuit Low Voltage	Comprehensive
P0103	Mass Airflow (MAF) Sensor Circuit High Voltage	Comprehensive
P0106	Manifold Absolute Pressure (MAP) Sensor Range/Performance Problem	Comprehensive
P0107	Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage	Comprehensive
P0108	Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage	Comprehensive
P0111	Intake Air Temperature (IAT) Sensor Circuit Range/Performance Problem	Comprehensive
P0112	Intake Air Temperature (IAT) Sensor Circuit Low Voltage	Comprehensive
P0113	Intake Air Temperature (IAT) Sensor Circuit High Voltage	Comprehensive
P0116	Engine Coolant Temperature (ECT) Sensor Circuit Range/Performance Problem	Comprehensive
P0117	Engine Coolant Temperature (ECT) Sensor Circuit Low Input	Comprehensive
P0118	Engine Coolant Temperature (ECT) Sensor Circuit High Input	Comprehensive
P0122	Throttle Position (TP) Sensor Circuit Low Input	Comprehensive
P0123	Throttle Position (TP) Sensor Circuit High Input	Comprehensive
P0125	Engine Coolant Temperature (ECT) Sensor Slow Response	Comprehensive
P0128	Cooling System Malfunction	Comprehensive (Thermostat)
P0131	Primary Heated Oxygen Sensor (Primary HO2S) (Sensor 1) Circuit Low Voltage	Comprehensive (HO2S)
P0132	Primary Heated Oxygen Sensor (Primary HO2S) (Sensor 1) Circuit High Voltage	Comprehensive (HO2S)
P0133	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) Circuit Slow Response	A/F sensor
P0134	Air/Fuel Ratio (A/F) Sensor (Sensor 1) No Activity Detected	A/F sensor
P0135	Primary Heated Oxygen Sensor (Primary HO2S) (Sensor 1) Heater Circuit Malfunction	Comprehensive (HO2S)
P0137	Secondary Heated Oxygen Sensor (Secondary HO2S) Circuit Low Voltage	Comprehensive (HO2S)
P0138	Secondary Heated Oxygen Sensor (Secondary HO2S) Circuit High Voltage	Comprehensive (HO2S)
P0139	Secondary Heated Oxygen Sensor (Secondary HO2S) Slow Response	Comprehensive (HO2S)
P0141	Secondary Heated Oxygen Sensor (Secondary HO2S) (Sensor 2) Heater Circuit Malfunction	Comprehensive (HO2S)
P0143	Third Heated Oxygen Sensor (Third HO2S) (Sensor 3) Circuit Low Voltage	Comprehensive (HO2S)
P0144	Third Heated Oxygen Sensor (Third HO2S) (Sensor 3) Circuit High Voltage	Comprehensive (HO2S)
P0145	Third Heated Oxygen Sensor (Third HO2S) (Sensor 3) Circuit Slow Response	Comprehensive (HO2S)

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P0147	Third Heated Oxygen Sensor (Third HO2S) (Sensor 3) Heater Circuit Malfunction	Comprehensive (HO2S)
P0153	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) Circuit Slow Response	A/F sensor
P0154	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) Heater System Malfunction	A/F sensor heater
P0155	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) Heater Circuit Malfunction	A/F sensor heater
P0157	Front Secondary Heated Oxygen Sensor (Secondary HO2S) (Bank 2, Sensor 2) Circuit Low Voltage	Comprehensive (HO2S)
P0158	Front Secondary Heated Oxygen Sensor (Secondary HO2S) (Bank 2, Sensor 2) Circuit High Voltage	Comprehensive (HO2S)
P0159	Front Secondary Heated Oxygen Sensor (Secondary HO2S) (Bank 2, Sensor 2) Circuit Slow Response	Comprehensive (HO2S)
P0161	Front Secondary Heated Oxygen Sensor (Secondary HO2S) (Bank 2, Sensor 2) Heater Circuit Malfunction	Comprehensive (HO2S)
P0171	Fuel System Too Lean	Fuel system
P0172	Fuel System Too Rich	Fuel system
P0174	Front Bank (Bank 2) Fuel System Too Lean	Fuel system
P0175	Front Bank (Bank 2) Fuel System Too Rich	Fuel system
P0191	Fuel Pressure Sensor Range/Performance Problem	Comprehensive
P0192	Fuel Pressure Sensor Circuit Low Voltage	Comprehensive
P0193	Fuel Pressure Sensor Circuit High Voltage	Comprehensive
P0196	EOT Sensor/Range Performance Problem	Comprehensive
P0197	EOT Sensor Circuit Low Voltage	Comprehensive
P0198	EOT Sensor Circuit High Voltage	Comprehensive
P0222	Throttle Position (TP) Sensor 2 Circuit Low Voltage	Comprehensive
P0223	Throttle Position (TP) Sensor 2 Circuit High Voltage	Comprehensive
P0300	Random Misfire	Misfire
P0301	No. 1 Cylinder Misfire	Misfire
P0302	No. 2 Cylinder Misfire	Misfire
P0303	No. 3 Cylinder Misfire	Misfire
P0304	No. 4 Cylinder Misfire	Misfire
P0305	No. 5 Cylinder Misfire	Misfire
P0306	No. 6 Cylinder Misfire	Misfire
P0325	Knock Sensor Circuit Malfunction	Comprehensive
P0335	Crankshaft Position (CKP) Sensor Circuit No Signal	Comprehensive
P0336 P0339	Crankshaft Position (CKP) Sensor Circuit Intermittent Interruption	Comprehensive
P0340	Camshaft Position (CMP) Sensor No Signal	Comprehensive
P0341	Camshaft Position (CMP) Sensor A Intermittent Interruption	Comprehensive
P0341	Variable Valve Timing Control (VTC) Phase Gap	Comprehensive
P0344	Camshaft Position (CMP) Sensor Intermittent Interruption	Comprehensive
P0365	Camshaft Position (CMP) Sensor B No Signal	Comprehensive
P0366 P0369	Camshaft Position (CMP) Sensor B Intermittent Interruption	Comprehensive
P0385	Crankshaft Position (CKP) Sensor B No Signal	Comprehensive
P0389	Crankshaft Position (CKP) Sensor B Intermittent Interruption	Comprehensive
P0401	Exhaust Gas Recirculation (EGR) Insufficient Flow	Comprehensive (EGR)

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P0404	Exhaust Gas Recirculation (EGR) Control Circuit Range/Performance Problem	Comprehensive (EGR)
P0406	Exhaust Gas Recirculation (EGR) Valve Position Sensor Circuit High Voltage	Comprehensive (EGR)
P0410	Air Pump Circuit Malfunction	Comprehensive (Air system)
P0411	Secondary Air Injection System Incorrect Flow	Comprehensive (Air system)
P0420	Catalyst System Efficiency Below Threshold	Catalytic converter monitor
P0430	Front Bank Catalyst System Efficiency Below Threshold (Bank 2)	Catalytic converter monitor
P0441	Evaporative Emission (EVAP) Control System Incorrect Purge Flow	EVAP
P0442	Evaporative Emission (EVAP) System Small Leak Detected	EVAP (0.04 in)
P0443	Evaporative Emission (EVAP) Canister Purge Valve Circuit Malfunction	Comprehensive
P0451	Fuel Tank Pressure (FTP) Sensor Range/Performance Problem	Comprehensive
P0452	Fuel Tank Pressure (FTP) Sensor Circuit Low Voltage	Comprehensive
P0453	Fuel Tank Pressure (FTP) Sensor Circuit High Voltage	Comprehensive
P0456	Evaporative Emission (EVAP) System Very Small Leak Detected	EVAP (0.04 in)
P0457	Evaporative Emission (EVAP) System Leak Detected Fuel Fill Cap Loose/Off	EVAP
P0461	Fuel Gauge Sending Unit Range/Performance Problem	Comprehensive
P0462	Fuel Gauge Sending Unit Circuit Low Voltage	Comprehensive
P0463	Fuel Gauge Sending Unit Circuit High Voltage	Comprehensive
P0496	Evaporative Emission (EVAP) System High Purge Flow	EVAP
P0497	Evaporative Emission (EVAP) System Low Purge Flow	EVAP
P0498	Evaporative Emission (EVAP) Canister Vent Shut Valve Control Circuit Low Voltage	Comprehensive
P0499	Evaporative Emission (EVAP) Canister Vent Shut Valve Control Circuit High Voltage	Comprehensive
P0500	Vehicle Speed Sensor (VSS) Circuit Malfunction	Comprehensive
P0501	Vehicle Speed Sensor (VSS) Range/Performance Problem	Comprehensive
P0505	Idle Control System Malfunction	Comprehensive
P0506	Idle Control System RPM Lower Than Expected	Comprehensive
P0507	Idle Control System RPM Higher Than Expected	Comprehensive
P0511	Idle Air Control (IAC) Valve Circuit Malfunction	Comprehensive
P0521	EOP Sensor Range/Performance Problem	Comprehensive
P0522	EOP Sensor Circuit Low Voltage	Comprehensive
P0523	EOP Sensor Circuit High Voltage	Comprehensive
P0560	ECM Back-up Circuit Low Voltage	Comprehensive
P0563	Engine Control Module (ECM)/Powertrain Control Module (PCM) Power Source Circuit Unexpected Voltage	Comprehensive
P0600	Multiplex Control System Troubleshooting	Comprehensive
P0603	ECM/PCM Internal Control Module Keep Alive Memory (KAM) Error	Comprehensive
P0606	ECM/PCM Processor Malfunction	Comprehensive
P0661	Intake Manifold Runner Control (IMRC) Valve Position Sensor Circuit Low Voltage	Comprehensive
P0662	Intake Manifold Runner Control (IMRC) Valve Position Sensor Circuit High Voltage	Comprehensive
P0685	ECM/PCM Power Relay Control Circuit Malfunction	Comprehensive
P0700	Automatic Transmission Control System	Comprehensive
P0705	Short in Transmission Range Switch Circuit (Multiple Shift-position Input)	Comprehensive
P0706	Open in Transmission Range Switch Circuit	Comprehensive

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P0710 P0711	Problem in ATF Temperature Sensor Circuit	Comprehensive
P0712	Short in ATF Temperature Sensor Circuit	Comprehensive
P0713	Open in ATF Temperature Sensor Circuit	Comprehensive
P0715 P0716	Problem in Mainshaft Speed Sensor Circuit	Comprehensive
P0717	Problem in Mainshaft Speed Sensor Circuit (No Signal Input)	Comprehensive
P0718	Mainshaft Speed Sensor Intermittent Failure	Comprehensive
P0720	Countershaft Speed Sensor Circuit Malfunction	Comprehensive
P0720 P0721	Problem in Countershaft Speed Sensor Circuit	Comprehensive
P0722	Problem in Countershaft Speed Sensor Circuit (No Signal Input)	Comprehensive
P0723	Countershaft Speed Sensor Intermittent Failure	Comprehensive
P0725	Engine Speed Input Circuit Malfunction	Comprehensive
P0730	Problem in Shift Control System	Comprehensive
P0731	Problem in 1st Clutch and 1st Clutch Hydraulic Circuit	Comprehensive
P0732	Problem in 2nd Clutch and 2nd Clutch Hydraulic Circuit	Comprehensive
P0733	Problem in 3rd Clutch and 3rd Clutch Hydraulic Circuit	Comprehensive
P0734	Problem in 4th Clutch and 4th Clutch Hydraulic Clutch	Comprehensive
P0735	Problem in 5th Clutch and 5th Clutch Hydraulic Circuit	Comprehensive
P0740	Problem in Lock-up Control System	Comprehensive
P0741	Torque Converter Clutch Hydraulic Clutch Stuck OFF	Comprehensive
P0743	Problem in Torque Converter Clutch Solenoid Valve Circuit	Comprehensive
P0745	Problem in Hydraulic Control System of A/T Clutch Pressure Control Solenoid Valve A Circuit	Comprehensive
P0746	A/T Clutch Pressure Control Solenoid Valve A Stuck OFF	Comprehensive
P0747	A/T Clutch Pressure Control Solenoid Valve A Stuck ON	Comprehensive
P0748	Problem in A/T Clutch Pressure Control Solenoid Valve A Circuit	Comprehensive
P0750	Problem in Hydraulic Control System of Shift Solenoid Valve A Circuit	Comprehensive
P0751	Shift Solenoid Valve A Stuck OFF	Comprehensive
P0752	Shift Solenoid Valve A Stuck ON	Comprehensive
P0753	Problem in Shift Solenoid Valve A Circuit	Comprehensive
P0756	Shift Solenoid Valve B Stuck OFF	Comprehensive
P0757	Shift Solenoid Valve B Stuck ON	Comprehensive
P0758	Problem in Shift Solenoid Valve B Circuit	Comprehensive
P0761	Shift Solenoid Valve C Stuck OFF	Comprehensive
P0762	Shift Solenoid Valve C Stuck ON	Comprehensive
P0763	Problem in Shift Solenoid Valve C Circuit	Comprehensive
P0771	Shift Solenoid Valve E Stuck OFF	Comprehensive
P0773	Problem in Shift Solenoid Valve E Circuit	Comprehensive
P0775	Problem in the Hydraulic Control System of A/T Clutch Pressure Control Solenoid Valve B Circuit	Comprehensive
P0776	A/T Clutch Pressure Control Solenoid Valve B Stuck OFF	Comprehensive
P0777	A/T Clutch Pressure Control Solenoid Valve B Stuck ON	Comprehensive
P0778	Problem in A/T Clutch Pressure Control Solenoid Valve B Circuit	Comprehensive
P0780	Problem in Shift Control System	Comprehensive
P0795	Problem in Hydraulic Control System of A/T Clutch Pressure Control Solenoid Valve C Circuit	Comprehensive
P0796	A/T Clutch Pressure Control Solenoid Valve C Stuck OFF	Comprehensive

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P0797	A/T Clutch Pressure Control Solenoid Valve C Stuck ON	Comprehensive
P0798	Problem in A/T Clutch Pressure Control Solenoid Valve C Circuit	Comprehensive
P0812	Open in Transmission Range Switch ATP RVS Switch Circuit	Comprehensive
P0842	Short in 2nd Clutch Transmission Fluid Pressure Switch Clutch, or 2nd Clutch Transmission Fluid Pressure Switch (Clutch) Stuck ON	Comprehensive
P0843	Open in 2nd Clutch Transmission Fluid Pressure Switch Circuit, or 2nd Clutch Transmission Fluid Pressure Switch Stuck OFF	Comprehensive
P0845	Problem in 3rd Clutch Pressure Switch Circuit	Comprehensive
P0847	Short in 3rd Clutch Transmission Fluid Pressure Switch Circuit, or 3rd Clutch Transmission Fluid Pressure Switch Stuck ON	Comprehensive
P0848	Open in 3rd Clutch Transmission Fluid Pressure Switch Circuit, or 3rd Clutch Transmission Fluid Pressure Switch Stuck OFF	Comprehensive
P0872	Short in 4th Clutch Transmission Fluid Pressure Switch Circuit, or 4th Clutch Transmission Fluid Pressure Switch Stuck ON	Comprehensive
P0873	Open in 4th Clutch Transmission Fluid Pressure Switch Circuit, or 4th Clutch Transmission Fluid Pressure Switch Stuck OFF	Comprehensive
P0962	Problem in A/T Clutch Pressure Control Solenoid Valve A Circuit	Comprehensive
P0963	Problem in A/T Clutch Pressure Control Solenoid Valve A	Comprehensive
P0966	Problem in A/T Clutch Pressure Control Solenoid Valve B Circuit	Comprehensive
P0967	Problem in A/T Clutch Pressure Control Solenoid Valve B	Comprehensive
P0970	Problem in A/T Clutch Pressure Control Solenoid Valve C Circuit	Comprehensive
P0971	Problem in A/T Clutch Pressure Control Solenoid Valve C	Comprehensive
P0973	Short in Shift Solenoid Valve A Circuit	Comprehensive
P0974	Open in Shift Solenoid Valve A Circuit	Comprehensive
P0976	Short in Shift Solenoid Valve B Circuit	Comprehensive
P0977	Open in Shift Solenoid Valve B Circuit	Comprehensive
P0979	Short in Shift Solenoid Valve C Circuit	Comprehensive
P0980	Open in Shift Solenoid Valve C Circuit	Comprehensive
P0982	Short in Shift Solenoid Valve D Circuit	Comprehensive
P0983	Open in Shift Solenoid Valve D Circuit	Comprehensive
P0985	Short in Shift Solenoid Valve E Circuit	Comprehensive
P0986	Open in Shift Solenoid Valve E Circuit	Comprehensive
P1020	Valve Pause System Stuck Off	Comprehensive
P1021	Valve Pause System Stuck On	Comprehensive
P1025	Valve Pause System Sticking Off	Comprehensive
P1026	Valve Pause System Sticking On	Comprehensive
P1077	Intake Manifold Runner Control (IMRC) System Malfunction (Low rpm)	Comprehensive
P1078	Intake Mainfold Runner Control (IMRC) System Malfunction (High rpm)	Comprehensive
P1106	Barometric Pressure (BARO) Sensor Circuit Range/Performance Problem	Comprehensive
P1107	Barometric Pressure (BARO) Sensor Circuit Low Voltage	Comprehensive
P1108	Barometric Pressure (BARO) Sensor Circuit High Voltage	Comprehensive
P1121	Throttle Position (TP) Sensor Lower Than Expected	Comprehensive
P1122	Throttle Position (TP) Sensor Higher Than Expected	Comprehensive
P1128	Manifold Absolute Pressure (MAP) Sensor Circuit Lower Than Expected	Comprehensive
P1129	Manifold Absolute Pressure (MAP) Sensor Circuit Higher Than Expected	Comprehensive
P1130	Demand for Changing Both Secondary Heated Oxygen Sensor (Secondary HO2S) (Sensor 2) and Third Heated Oxygen Sensor (Third HO2S) (Sensor 3)	Comprehensive (HO2S)
P1149	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Range/Performance Problem	A/F sensor

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P1149	Air/Fuel Ratio Sensor (Sensor 1) Circuit Lean Range	A/F sensor
P1157	Air/Fuel Ratio (A/F) Sensor (Sensor 1) AFS Line High Voltage	Comprehensive
P1157	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Circuit High Voltage	Comprehensive
P1157	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Range/Performance Problem	Comprehensive
P1158	Air/Fuel Ratio (A/F) Sensor (Sensor 1) AFS- Terminal Low Voltage	Comprehensive
P1159	Air/Fuel Ratio (A/F) Sensor (Sensor 1) AFS+ Terminal Low Voltage	Comprehensive
P1162	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Slow Response	A/F sensor
P1163	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Slow Response	A/F sensor
P1163	Air/Fuel Ratio Sensor (Sensor 1) Slow Response	A/F sensor
P1164	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Range/Performance Problem	A/F sensor
P1164	Air/Fuel Ratio (AF) Sensor (Sensor 1) Circuit Range/Performance	A/F sensor
P1165	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Range/Performance Problem	A/F sensor
P1165	Air/Fuel Ratio Sensor (Sensor 1) Circuit Range/Performance	A/F sensor
P1166	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Heater System Electrical Problem	A/F sensor heater
P1166	Heated Oxygen Sensor Sensor1 (Primary HO2S) Heater Circuit Malfunction	Comprehensive (HO2S)
P1167	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Heater System Malfunction	A/F sensor heater
P1167	Heated Oxygen Sensor Sensor1 (Primary LAF HO2S) Heater System Malfunction	A/F sensor heater
P1168	Air/Fuel Ratio (A/F) Sensor (Sensor 1) LABEL Low Voltage	Comprehensive
P1169	Air/Fuel Ratio (A/F) Sensor (Sensor 1) LABEL High Voltage	Comprehensive
P1182	Fuel Temperature Sensor Circuit Low Voltage	Comprehensive
P1183	Fuel Temperature Sensor Circuit High Voltage	Comprehensive
P1253 P1259	VTEC System Malfunction	Comprehensive
P1297	Electric Load Detector (ELD) Circuit Low Voltage	Comprehensive
P1298	Electric Load Detector (ELD) Circuit High Voltage	Comprehensive
P1300	Random Misfire	Misfire
P1324	Knock Sensor Power Source Circuit Low Voltage	Comprehensive
P1336	Engine Speed (RPM) Fluctuation Sensor Intermittent Interruption	Comprehensive
P1337	Engine Speed (RPM) Fluctuation Sensor No Signal	Comprehensive
P1355	Front Ignition Coil Power Circuit Malfunction	Comprehensive
P1359	Crankshaft Position (CKP)/Top Dead Center (TDC) Sensor Circuit Malfunction	Comprehensive
P1361	Camshaft Position (CMP) Sensor A (Top Dead Center (TDC) Sensor) Intermittent Interruption	Comprehensive
P1361	Top Dead Center (TDC) Sensor Intermittent Interruption	Comprehensive
P1362	Camshaft Position (CMP) Sensor A (Top Dead Center (TDC) Sensor) No Signal	Comprehensive
P1362	Top Dead Center (TDC) Sensor No Signal	Comprehensive
P1366	Camshaft Position (CMP) Sensor B (Top Dead Center (TDC) Sensor) Intermittent Interruption	Comprehensive
P1366	Top Dead Center (TDC) Sensor 2 Intermittent Interruption	Comprehensive
P1367	Camshaft Position (CMP) Sensor B (Top Dead Center (TDC) Sensor) No Signal	Comprehensive
P1367	Top Dear Center (TDC) Sensor 2 No Signal	Comprehensive
P1381	Cylinder Position (CYP) Sensor Intermittent Interruption	Comprehensive
P1382	Cylinder Position (CYP) Sensor No Signal	Comprehensive
P1410	Air Pump Malfunction	Comprehensive (Air system)
P1415	Air Pump Electric Current Sensor Circuit Low Voltage	Comprehensive (Air system)

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P1416	Air Pump Electric Current Sensor Circuit High Voltage	Comprehensive (Air system)
P1420	Nox Adsorptive Catalyst System Efficiency Below Threshold	Catalytic converter
P1438	Motor Drive Module (MDM) Overheating Signal Circuit	Comprehensive
P1438	Motor Drive Module (MDM) Overheating	Comprehensive
P1439	Motor Drive Module (MDM) Short Circuit Sensor Problem	Comprehensive
P1439	Motor Drive Module (MDM) Short Circuit	Comprehensive
P1440	IMA System Problem	Comprehensive
P1445	Bypass Control Problem	Comprehensive
P1448 P1449	Battery Module Overheating	Comprehensive
P1449	Battery Cell Overheating	Comprehensive
P1449	Battery Module Individual Voltage Input Deviation	Comprehensive
P1449	Battery Module Deterioration	Comprehensive
P1449	Battery Module Deviation	Comprehensive
P1454	Fuel Tank Pressure (FTP) Sensor Range/Performance Problem	Comprehensive
P1456	Evaporative Emissions (EVAP) Control System Leakage (Fuel Tank System)	EVAP
P1457	Evaporative Emissions (EVAP) Control System Leakage (EVAP Canister System)	EVAP
P1459	Evaporative Emission (EVAP) Purge Flow Switch Malfunction	Comprehensive
P1491	Exhaust Gas Recirculation (EGR) Valve Insufficient Lift	EGR
P1486	Cooling System Malfunction	Comprehensive (Thermostat)
P1491	Exhaust Gas Recirculation (EGR) Valve Insufficient Lift	Comprehensive (EGR)
P1498	Exhaust Gas Recirculation (EGR) Valve Position Sensor Circuit High Voltage	Comprehensive
P1505	Positive Crankcase Ventilation (PCV) Air Leakage	Comprehensive
P1508 P1519	Idle Air Control Valve (IACV) Circuit Malfunction	Comprehensive
P1509	Idle Air Control Valve (IACV) Circuit Failure	Comprehensive
P1522	Brake Booster Pressure Sensor Circuit Low Voltage	Comprehensive
P1523	Brake Booster Pressure Sensor Circuit High Voltage	Comprehensive
P1524	Brake Booster Pressure Sensor Range/Performance Problem	Comprehensive
P1541	Climate Control Unit Signal Circuit Low Voltage	Comprehensive
P1542	Climate Control Unit Signal Circuit High Voltage	Comprehensive
P1565	Motor Commutation Signal Problem	Comprehensive
P1568	Battery Module Individual Voltage Input Problem	Comprehensive
P1568	Battery Module Temperature Signal Circuit Problem	Comprehensive
P1568	Battery Cell Temperature Signal Circuit Problem	Comprehensive
P1572	Motor Drive Module (MDM) Temperature Signal Circuit Low Input	Comprehensive
P1572	Motor Drive Module (MDM) Temperature Signal Circuit High Input	Comprehensive
P1576	Motor Drive Module (MDM) Voltage Signal Circuit Low Input	Comprehensive
P1577	High Voltage Detection Signal Circuit Problem	Comprehensive
P1580	Battery Current Circuit Problem	Comprehensive
P1581	Motor Power Inverter (MPI) Module Current Signal Circuit Low Input	Comprehensive
P1581	Motor Power Inverter (MPI) Module Current Signal Circuit High Input	Comprehensive
P1581	Motor Power Inverter (MPI) Module Current Signal Circuit Problem	Comprehensive

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P1582	Motor Current U Phase Signal Circuit Low Input	Comprehensive
P1582	Motor Current U Phase Signal Circuit High Input	Comprehensive
P1583	Motor Current V Phase Signal Circuit Low Input	Comprehensive
P1583	Motor Current V Phase Signal Circuit High Input	Comprehensive
P1584	Motor Current W Phase Signal Circuit Low Input	Comprehensive
P1584	Motor Current W Phase Signal Circuit High Input	Comprehensive
P1585	Motor Current Signal Circuit Problem	Comprehensive
P1586	Motor Power Inverter (MPI) Module Current Signal/Battery Current Signal Circuit Problem	Comprehensive
P1607	Engine Control Module (ECM)/Powertrain Control Module (PCM) Internal Circuit Malfunction	Comprehensive
P1630	Transmission Control Module	Comprehensive
P1635	Battery Condition Monitor (BCM) Module Probe	Comprehensive
P1639	MOTB Signal Circuit Malfunction	Comprehensive
P1640	ACTTRQ Motor Torque Signal Circuit Low Input	Comprehensive
P1641	ACTTRQ Motor Torque Signal Circuit High Input	Comprehensive
P1642	QBATT Battery Signal Circuit Low Input	Comprehensive
P1643	QBATT Battery Signal Circuit High Input	Comprehensive
P1644	MOTFSA Signal Malfunction	Comprehensive
P1645	MOTFSB Signal Malfunction	Comprehensive
P1646	MOTSTB Signal Malfunction	Comprehensive
P1647	Power Command Signal Circuit Low Input	Comprehensive
P1647	Power Command Signal Circuit High Input	Comprehensive
P1647	Engine Torque Signal Circuit Low Input	Comprehensive
P1647	Engine Torque Signal Circuit High Input	Comprehensive
P1647	Mode Signal Circuit 1 Low Input	Comprehensive
P1647	Mode Signal Circuit 1 High Input	Comprehensive
P1647	Mode Signal Circuit 2 Problem	Comprehensive
P1647	Engine Speed Signal Circuit Problem	Comprehensive
P1648	Battery Condition Monitor (BCM) Module Communication Signal Circuit Problem	Comprehensive
P1648	Motor Control Module (MCM) Communication Signal Circuit Problem	Comprehensive
P1655	CVT-FI TMA/TMB Signal Line Failure	Comprehensive
P1656	Problem in PCM-toVTM-4 Control Unit Communications Circuit	Comprehensive
P1660	A/T-FI Data Line Failure/TCM - ECM Halt	Comprehensive
P1676 P1678	FPTDR Signal Line Failure	Comprehensive
P1679	RSCD Signal Circuit Malfunction	Comprehensive
P1681	A/T FI Signal A Circuit Low Voltage	Comprehensive
P1682	A/T FI Signal A Circuit High Voltage	Comprehensive
P1683	Throttle Valve Default Position Spring Performance Problem	Comprehensive
P1684	Throttle Valve Return Spring Performance Problem	Comprehensive
P1686	A/T FI Signal B Circuit Low Voltage	Comprehensive
P1687	A/T FI Signal B Circuit High Voltage	Comprehensive
P1705	Short in Transmission Range Switch Circuit (More than one range position is on at the same time)	Comprehensive
P1706	Open in Transmission Range Switch Circuit	Comprehensive
P1709	Problem Transmission Gear Selection Switch Circuit	Comprehensive



<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P1730	Problem in Shift Control System: Shift Solenoid Valve A and D Stuck OFF Shift Solenoid Valve B Stuck ON Shift Valves A, B, and D Stuck	Comprehensive
P1731	Problem in Shift Control System: Shift Solenoid Valve E Stuck ON Shift Valve E Stuck A/T Clutch Pressure Control Solenoid Valve A Stuck OFF	Comprehensive
P1732	Problem in Shift Control System: Shift Solenoid Valve B and C Stuck ON Shift Valves B and C Stuck	Comprehensive
P1733	Problem in Shift Control System: Shift Solenoid Valve D Stuck ON Shift Valve D Stuck A/T Clutch Pressure Control Solenoid Valve C Stuck OFF	Comprehensive
P1734	Problem in Shift Control System: Shift Solenoid Valves B and C Stuck ON Shift Valves B and C Stuck	Comprehensive
P1738	Problem in 2nd Clutch Pressure Switch Circuit	Comprehensive
P1739	Problem in 3rd Clutch Pressure Switch Circuit	Comprehensive
P1740	Problem in 4th Clutch Pressure Switch Circuit	Comprehensive
P1750	Mechanical Problem in Hydraulic Control System of A/T Clutch Pressure Control Solenoid Valve Assemblies A and B, or Problem in the Hydraulic Control System	Comprehensive
P1751	Mechanical Problem in Hydraulic Control System of Shift Solenoid Valve B and A/T Clutch Pressure Control Solenoid Valves A and B, or Problem in the Hydraulic Control System	Comprehensive
P1753	Problem in Torque Converter Clutch Solenoid Valve Circuit	Comprehensive
P1751 P1768	Problem in Torque Converter Clutch Solenoid Valve B Circuit	Comprehensive
P1773	Problem in A/T Clutch Pressure Control Solenoid Valve B Circuit	Comprehensive
P1790	Throttle Position (TP) Sensor Circuit Malfunction	Comprehensive
P1791	Vehicle Speed Sensor (VSS) Range/Performance Problem	Comprehensive
P1792	Problem in Engine Coolant Temperature (ECT) Sensor Circuit	Comprehensive
P1793	Manifold Absolute Pressure Sensor Circuit	Comprehensive
P1870	Problem in CVT Speed Change Control Valve Assembly Circuit	Comprehensive
P1873	Problem in CVT Pulley Pressure Control Valve Assembly Circuit	Comprehensive
P1879	Problem in CVT Start Clutch Pressure Control Valve Assembly Circuit	Comprehensive
P1882	Problem in Inhibitor Solenoid Circuit	Comprehensive
P1884	Secondary Gear Speed Sensor 2 Circuit Malfunction	Comprehensive
P1885	CVT Drive Pulley Speed Sensor Circuit	Comprehensive
P1886	CVT Driven Pulley Speed Sensor Circuit	Comprehensive
P1888	CVT Speed Sensor	Comprehensive
P1889	Problem in CVT Speed Sensor 2 Circuit	Comprehensive
P1890	Shift Control System	Comprehensive
P1891	Problem in Start Clutch System	Comprehensive
P1894	CVT Speed Change Control Valve Circuit	Comprehensive
P1895	CVT Pulley Pressure Control Valve Circuit	Comprehensive
P2101	Throttle Actuator System Malfunction	Comprehensive
P2108	Throttle Actuator Control Module Problem	Comprehensive
P2118	Throttle Actuator Current Range/Performance Problem	Comprehensive
P2122	Accelerator Pedal Position (APP) Sensor 1 (Throttle Position Sensor D) Circuit Low Voltage	Comprehensive
P2123	Accelerator Pedal Position (APP) Sensor 1 (Throttle Position Sensor D) Circuit High Voltage	Comprehensive

<b>DTC</b>	<b>Detection Item</b>	<b>Associated Monitor</b>
P2127	Accelerator Pedal Position (APP) Sensor 2 (Throttle Position Sensor E) Circuit Low Voltage	Comprehensive
P2128	Accelerator Pedal Position (APP) Sensor 2 (Throttle Position Sensor E) Circuit High Voltage	Comprehensive
P2135	Throttle Position (TP) Sensor 1/2 Incorrect Voltage Correlation	Comprehensive
P2138	Accelerator Pedal Position (APP) Sensor 1/2 (Throttle Position Sensor D/E) Incorrect Voltage Correlation	Comprehensive
P2176	Throttle Actuator Control System Idle Position Not Learned	Comprehensive
P2195	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Signal Stuck Lean	A/F sensor
P2197	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) Signal Stuck Lean	A/F sensor
P2227	Barometric Pressure (BARO) Sensor Circuit Range/Performance Problem	Comprehensive
P2228	Barometric Pressure (BARO) Sensor Circuit Low Voltage	Comprehensive
P2229	Barometric Pressure (BARO) Sensor Circuit High Voltage	Comprehensive
P2237	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) IP Line High Voltage	Comprehensive
P2238	Air/Fuel Ratio (A/F) Sensor (Sensor 1) AFS+ Line Low Voltage	Comprehensive
P2238	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) IP Line Low Voltage	Comprehensive
P2240	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) IP Line High Voltage	Comprehensive
P2241	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) IP Line Low Voltage	Comprehensive
P2243	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) VCENT Line High Voltage	Comprehensive
P2245	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) VCENT Line Low Voltage	Comprehensive
P2247	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) VCENT Line High Voltage	Comprehensive
P2249	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) VCENT Line Low Voltage	Comprehensive
P2251	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) VS Line High Voltage	Comprehensive
P2252	Air/Fuel Ratio (A/F) Sensor (Sensor 1) AFS- Line Low Voltage	Comprehensive
P2254	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) VS Line High Voltage	Comprehensive
P2255	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) VS Line Low Voltage	Comprehensive
P2279	Intake Air System Leak	Comprehensive
P2413	Exhaust Gas Recirculation (EGR) System Range/Performance Problem	Comprehensive (EGR)
P2422	Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction	Comprehensive
P2552	Throttle Actuator Control Module Relay Malfunction	Comprehensive
P2627	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) LABEL Circuit Low Voltage	Comprehensive
P2628	Rear Air/Fuel Ratio (A/F) Sensor (Bank 1, Sensor 1) LABEL Circuit High Voltage	Comprehensive
P2630	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) LABEL Circuit Low Voltage	Comprehensive
P2631	Front Air/Fuel Ratio (A/F) Sensor (Bank 2, Sensor 1) LABEL Circuit High Voltage	Comprehensive
P2646	VTEC Oil Pressure Switch Circuit Low Voltage	Comprehensive
P2647	VTEC Oil Pressure Switch Circuit High Voltage	Comprehensive
P2648	VTEC Solenoid Valve Circuit Low Voltage	Comprehensive
P2649	VTEC Solenoid Valve Circuit High Voltage	Comprehensive
P2769	Short in Torque Converter Clutch Solenoid Valve Circuit	Comprehensive
P2770	Open in Torque Converter Clutch Solenoid Valve Circuit	Comprehensive
P2A00	Air/Fuel Ratio (A/F) Sensor (Sensor 1) Range/Performance Problem	A/F sensor
P2A03	Front A/F Sensor Circuit (Bank 2, Sensor 1) Circuit Range/Performance Problem	A/F sensor
U0073	FCAN Malfunction (Bus-off)	Comprehensive
U0107	Lost Communication With Throttle Actuator Control Module	Comprehensive
U0121	FCAN Malfunction (TCS-PCM)	Comprehensive
U0155	FCAN Malfunction (Gauge Control Module-ECM/PCM)	Comprehensive