

Ford Manufacturer-specific OBD2 Codes

Codes	Definition
P1001	Key On/Engine Running Not Able To Complete
P1039	Vehicle Speed Signal Missing or Improper
P1051	Brake Switch Signal Missing or Improper
P1100	Mass Air Flow Sensor Intermittent
P1101	Mass Air Flow Sensor Out of Self-Test Range
P1102	Mass Air Flow Sensor In Range But Lower Than Expected
P1105	Dual alternator upper -malfunction
P1106	Dual alternator lower -malfunction
P1107	Dual Alternator Lower Circuit Malfunction
P1108	Dual Alternator Battery Lamp Circuit Malfunction
P1109	IAT Sensor 2 Intermittent Condition
P1111	CAT System Fault
P1112	Intake Air Temperature Sensor Intermittent Condition
P1114	Intake Air Temperature Sensor 2 Circuit Low
P1115	Intake Air Temperature Sensor 2 Circuit High
P1116	Engine Coolant Temperature Sensor is Out of Self-Test Range
P1117	Engine Coolant Temperature Sensor Intermittent
P1118	Manifold Absolute Temperature Circuit Low Input
P1119	Manifold Absolute Temperature Circuit High Input
P1120	Throttle Position Sensor Out of Range
P1121	Throttle Position Sensor Inconsistent with Mass Air Flow Sensor
P1122	Throttle Position Sensor Circuit Intermittent Low Voltage
P1123	Throttle Position Sensor Circuit Intermittent High Voltage
P1124	Throttle Position Sensor Out of Self-Test Range
P1125	Throttle Position Sensor Intermittent
P1127	Exhaust Not Warm Enough Downstream O2 Sensor Not Tested
P1128	Front O2 Sensor Connectors Swapped
P1129	Downstream Oxygen Sensors Swapped from Bank to Bank
P1130	Lack of Upstream Heated Oxygen Sensor Switch Adaptive Fuel Limit Bank 1
P1131	Lack of Upstream Heated Oxygen Sensor Switch Sensor Indicates Lean Bank 1
P1132	Lack of Upstream Heated Oxygen Sensor Switch Sensor Indicates Rich Bank 1
P1133	Bank 1 Fuel Control Shifted Lean
P1135	Pedal Position Sensor 'A' Circuit Intermittent
P1136	Crankshaft Position Sensor And Or Camshaft Position Sensor Input Signal to PCM Concerns
P1137	Lack Of O2 Switches Bank 1 Sensor 2 Lean
P1138	Lack Of HO2S Switches Bank 1 Sensor 2 Rich
P1139	Water In Fuel Indicator Circuit Malfunction
P1140	Water In Fuel Condition
P1141	Fuel Restriction Indicator Circuit Malfunction
P1142	Fuel Restriction Condition
P1145	Calculated Torque Error
P1148	Alternator 2 -circuit malfunction
P1149	Alternator 2 -high input
P1150	Lack of Upstream Heated Oxygen Sensor Switch Adaptive Fuel Limit Bank 2

P1151	Lack of Upstream Heated Oxygen Sensor Switch Sensor Indicates Lean Bank 2
P1152	Lack of Upstream Heated Oxygen Sensor Switch Sensor Indicates Rich Bank 2
P1153	Bank 2 Fuel Control Shifted Lean
P1154	Bank 2 Fuel Control Shifted Rich
P1155	Alternative Fuel Controller
P1156	Fuel Selector Switch Circuit
P1157	Lack of O2 Switches Bank 2 Sensor 2 Indicates Lean
P1158	Lack of O2 Switches Bank 2 Sensor 2 Indicates Lean
P115E	Engine control module (ECM) -data transmission fault
P1168	Fuel Rail Pressure Sensor Condition Low Pressure
P1169	Fuel Rail Sensor In-Range High Failure
P1170	Engine Shut Off Solenoid Fault
P1171	Rotor Sensor Fault
P1172	Rotor Control Fault
P1173	Rotor Calibration Fault
P1174	Cam Sensor Fault
P1175	Cam Control Fault
P1176	Cam Calibration Fault
P1177	Synchronization Fault
P117A	Engine control module (ECM) -engine oil temperature
P1180	Fuel Delivery System Malfunction Low
P1181	Fuel Delivery System Malfunction High
P1183	Engine Oil Temperature Sensor Circuit Malfunction
P1184	Engine Oil Temperature Out Of Self Test Range
P1185	FTS High Fuel Pump Temperature Sensor High
P1186	Fuel Pump Temperature Sensor Low
P1187	Variant Selection
P1188	Calibration Memory Fault
P1189	Pump Speed Signal Fault
P1190	Calibration Resistor Out Of Range
P1191	Key Line Voltage
P1192	Voltage External
P1193	EGR Drive Overcurrent
P1194	Engine Control Unit A/D Converter
P1195	SCP HBCC Failed To Initialize
P1196	Key Off Voltage High
P1197	Key Off Voltage Low
P1198	Pump Rotor Control Underfueling
P1209	Injector Control Pressure System Fault
P1210	Injector Control Pressure Above Expected Level
P1211	Injector Control Pressure Sensor Above / Below Desired
P1212	Injector Control Pressure Not Detected During Crank
P1213	Start Injector Circuit Malfunction
P1214	Pedal Position Sensor 'B' Circuit Intermittent
P1215	Pedal Position Sensor 'C' Circuit Low Input
P1216	Pedal Position Sensor 'C' Circuit High Input
P1217	Pedal Position Sensor 'C' Circuit Intermittent
P1218	CID High
P1219	CID Stuck Low
P1220	Series Throttle Control Fault Detected
P1221	Traction Control System Malfunction

P1222	Traction Control Output Circuit Malfunction
P1223	Pedal Demand Sensor B Circuit High Input
P1224	Throttle Position Sensor 'B' Out of Self-Test Range
P1227	Wastegate Failed Closed Over Pressure
P1228	Wastegate Failed Open Under Pressure
P1229	Supercharger Intercooler Pump Not Operating Condition
P1230	Low Speed Fuel Pump Fault Condition
P1231	High Speed Fuel Pump Relay Activated
P1232	Low Speed Fuel Pump Primary Circuit Failure
P1233	Fuel Pump Driver Module Disabled Or Off Line
P1234	Fuel Pump Driver Module Disabled Or Off Line
P1235	Fuel Pump Control Out of Range
P1236	Fuel Pump Control Out of Range
P1237	Fuel Pump Secondary Circuit Fault
P1238	Fuel Pump Secondary Circuit Fault
P1239	Speed Fuel Pump Positive Feed Fault
P1243	Second Fuel Pump Faulty or Ground Fault
P1244	Alternator Load Input Failed High
P1245	Alternator Load Input Failed Low
P1246	Alternator Load Input Failed
P1247	Turbo Boost Pressure Low
P1248	Turbo Boost Pressure Not Detected
P1249	Wastegate Control Valve Performance
P1250	Lack Of Power To Fuel Pressure Regulator Control Solenoid
P1252	Fuel Pressure Control Solenoid Valve 2 Malfunction
P1253	Pedal Correlation PDS1 and LPDS Low
P1254	Pedal Correlation PDS2 and LPDS High
P1255	Pedal Correlation PDS2 and LPDS Low
P1256	Pedal Correlation PDS1 and HPDS
P1257	Pedal Correlation PDS2 and HPDS
P1258	Pedal Correlation PDS1 and PDS2
P1260	Theft Detected - Vehicle Immobilized
P1261	Cylinder #1 High To Low Side Short
P1262	Cylinder #2 High To Low Side Short
P1263	Cylinder #3 High To Low Side Short
P1264	Cylinder #4 High To Low Side Short
P1265	Cylinder #5 High To Low Side Short
P1266	Cylinder #6 High To Low Side Short
P1267	Cylinder #7 High To Low Side Short
P1268	Cylinder #8 High To Low Side Short
P1270	Engine RPM Or Speed Limiter Reached
P1271	Cylinder #1 High To Low Side Open
P1272	Cylinder #2 High To Low Side Open
P1273	Cylinder #3 High To Low Side Open
P1274	Cylinder #4 High To Low Side Open
P1275	Cylinder #5 High To Low Side Open
P1276	Cylinder #6 High To Low Side Open
P1277	Cylinder #7 High To Low Side Open
P1278	Cylinder #8 High To Low Side Open
P1280	Injection Control Pressure Out Of Range Low
P1281	Injection Control Pressure Out Of Range High

P1282	Excessive Injection Control Pressure
P1283	Fuel pressure regulator control solenoid -circuit malfunction
P1284	Self-test not complete -fuel pressure sensor failure
P1285	Cylinder Head Over Temperature Condition
P1286	Fuel Pulse In Range But Lower Than Expected
P1287	Fuel Pulse In Range But Higher Than Expected
P1288	Cylinder Head Temperature Sensor Out of Self-Test Range
P1289	Cylinder Head Temperature Sensor Signal Greater Than Self-Test Range
P128A	Engine control module (ECM)/cylinder head temperature (CHT) sensor -high input
P1290	Cylinder Head Temperature Sensor Signal Less Than Self-Test Range
P1291	Injector High Side Short To GND Or VBATT Bank 1
P1292	Injector High Side Short To GND Or VBATT - Bank 2
P1293	High Side Open Bank No. 1
P1294	High Side Open Bank No. 2
P1295	Multi-Faults Bank 1 With Low Side Shorts
P1296	Multi-Faults Bank 2 With Low Side Shorts
P1297	Injector High Sides Shorted Together
P1298	Injector control module -internal fault
P1299	Cylinder Head Temperature Sensor Detected Engine Overheating Condition
P1300 – P1399 (Ignition system or misfire)	
P1300	Boost Pressure Malfunction
P1301	Boost Pressure Pressure High
P1302	Boost Pressure Pressure Low
P1303	EGR Calibration Fault
P1304	EGR Calibration High
P1305	EGR Calibration Low
P1306	Kickdown Relay Pull In Circuit Fault
P1307	Kickdown Relay Hold Circuit Fault
P1308	A/C Clutch Circuit Fault
P1309	Misfire Detection Monitor Not enabled
P1316	Ignition Driver Monitor Codes Detected
P1317	Ignition Driver Monitor Codes Not Updated
P1330	Injector Control Pressure
P1331	Turbocharger / Supercharger Boost Pressure Control Open Circuit
P1332	Turbocharger / Supercharger Boost Pressure Control Circuit Low
P1334	Exhaust gas recirculation (EGR)/throttle position sensor -range/performance problem
P1335	EGR Position Sensor Minimum Stop Performance
P1336	Crankshaft Position Or Camshaft Position Sensor Input Signal Error
P1340	Camshaft Position Sensor 'B' Circuit Malfunction
P1349	Fuel Level Sensor 'B' Circuit High Input
P1351	Ignition Diagnostic Monitor Circuit Input Fault
P1352	Ignition Coil 'A' Primary Circuit
P1353	Ignition Coil 'B' Primary Circuit
P1354	Ignition Coil 'C' Primary Circuit
P1355	Ignition Coil 'D' Primary Circuit
P1356	Loss Of Ignition Diagnostic Module Input To PCM
P1357	Ignition Diagnostic Monitor Pulswidth Not Defined
P1358	Ignition Diagnostic Monitor Signal Out of Self-Test Range
P1359	Spark Output Circuit Fault
P1360	Ignition Coil 'A' Secondary Circuit Malfunction
P1361	Ignition Coil 'B' Secondary Circuit Malfunction

P1362	Ignition Coil 'C' Secondary Circuit Malfunction
P1363	Ignition Coil 'D' Secondary Circuit Malfunction
P1364	Ignition Coil Primary Circuit Fault
P1365	Ignition Coil Secondary Circuit Failure
P1369	Engine Temperature Light Monitor Failure
P1378	Fuel Injection Control Module Circuit Low Voltage
P1379	Fuel Injection Control Module Circuit High Voltage
P1380	Variable Cam Timing Solenoid 'A' Circuit Condition
P1381	Variable Cam Timing Over Advance Bank 1
P1383	Variable Cam Timing Over Retarded Bank 1
P1385	Variable Cam Timing Solenoid 'B' Malfunction
P1386	Variable Cam Timing Over Advance Bank 2
P1388	Variable Cam Timing Over Retarded Bank 2
P1389	Glow Plug Circuit High Side Low Input
P138B	Glow Plug Control Module System Voltage
P1390	Octane Adjust Out of Self-Test Range
P1391	Glow Plug Circuit Low Input Bank 1
P1392	Glow Plug Circuit High Input Bank 1
P1393	Glow Plug Circuit Low Input Bank 2
P1394	Glow Plug Circuit High Input Bank 2
P1395	Glow Plug Monitor Fault Bank 1
P1396	Glow Plug Monitor Fault Bank 2
P1397	System Voltage Out Of Self Test Range
P1399	Glow Plug Circuit High Side High Input
P1400	Differential Pressure Feedback Electronic Sensor Circuit Low Voltage
P1401	DPFE Sensor Circuit High
P1402	EGR Metering Orifice Restricted
P1403	Differential Pressure Feedback Electronic Sensor Hoses Reversed
P1404	EGR Valve Stuck Closed
P1405	DPF EGR Sensor Circuit High Voltage Detected
P1406	DPFE Sensor Circuit Downstream Hose
P1407	Exhaust Gas Recirculation Flow Out Of Self-Test Range
P1408	EGR Flow Out Of Self-Test Range
P1409	EGR Vacuum Regulator Solenoid Circuit Malfunction
P1410	EGR Barometric Pressure Sensor VREF Voltage
P1411	Secondary Air Injection Downstream Flow
P1413	Secondary Air Injection System Monitor Circuit Low Voltage
P1414	Secondary Air Injection System Monitor Circuit High Voltage
P1420	Catalyst Temperature Sensor
P1421	Catalyst Damage
P1422	Exhaust Gas Ignition Temperature Sensor
P1431	Misfire Monitor Disabled Unable to Learn Trigger Wheel Profile
P1432	Thermostat Heater Control Circuit Failure
P1433	A/C Refrigerant Temperature Circuit Low
P1434	A/C Refrigerant Temperature Circuit High
P1435	A/C Refrigerant Temperature Circuit Range/Performance
P1436	A/C Evaporator Air Temperature Circuit Low
P1437	A/C Evaporator Air Temperature Circuit High
P1438	A/C Evaporator Air Temperature Circuit Range/Performance
P1442	EVAP System Small Leak Detected
P1443	EVAP Control System Purge Control Solenoid or Purge Control Valve Fault

P1444	Purge Flow Sensor Circuit Input Low
P1445	Purge Flow Sensor Circuit High Condition
P1449	EVAP System Unable To Hold Vacuum
P1450	Unable to Bleed Up Bleed Fuel Tank Vacuum
P1451	EVAP Control System Canister Vent Solenoid Circuit Malfunction
P1452	Unable To Bleed Up Fuel Tank Vacuum
P1455	Exhaust Gas Temperature Sensor 1 Range/Performance
P1457	Unable To Pull Vacuum In Tank
P145E	Positive crankcase ventilation (PCV) heatercircuit malfunction
P1460	Wide Open Throttle Air Conditioning Cutoff Circuit Malfunction
P1461	Air Conditioning Pressure Sensor Circuit High
P1462	Air Conditioning Pressure Sensor Circuit Low
P1463	Air Conditioning Pressure Sensor Insufficient Pressure Change
P1464	Air Conditioning Demand Out Of Self Test Range
P1465	Air Conditioning Relay Circuit Malfunction
P1466	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1469	Low Air Conditioning Cycling Period
P1473	Fan Secondary High With Fans Off
P1474	Low Fan Control Primary Circuit
P1477	Medium Cooling Fan Control Primary Circuit Failure
P1479	High Fan Control Primary Circuit
P1480	Fan Secondary Low With Low Fans On
P1481	Fan Secondary Low Eith High Fans On
P1482	SCP
P1483	Power to Cooling Fan Exceeded Normal Draw
P1484	Open Power Ground To Variable Load Control Module
P1485	Engine Gas Recirculation Valve Circuit Malfunction
P1487	EGR Check Solenoid Circuit Failure
P1489	PCV Heater Control Circuit Fault
P1500	Vehicle Speed Sensor
P1501	Vehicle Speed Sensor Out Of Self Test Range
P1502	Vehicle Speed Sensor Intermittent
P1504	Intake Air Control Circuit Malfunction
P1505	Idle Air Control System at Adaptive Clip
P1506	Idle Air Control Overspeed Error
P1507	Idle Air Control Under Speed Error
P1512	Intake Manifold Runner Control Input Error Bank 1
P1513	Intake Manifold Runner Control Stuck Closed Bank 2
P1516	Intake Manifold Runner Control Input Error Bank 1
P1517	Intake Manifold Runner Control Input Error Bank 2
P1518	Intake Manifold Runner Control Fault Stuck Open
P1519	Intake Manifold Runner Control Fault Stuck Closed
P151A	Intake manifold runner control (IMRC) module -malfunction
P1520	Intake Manifold Runner Control Circuit Fault
P1530	Open or Short to A/C Compressor Clutch Circuit
P1531	Invalid Test Accelerator Pedal Movement
P1532	Intake Manifold Communication Control Circuit Bank 2
P1533	AAI Circuit Malfunction
P1534	Inertia Switch Activated
P1536	Parking Brake Switch Circuit Failure
P1537	Intake Manifold Runner Control Stuck Open Bank 1

P1538	Intake Manifold Runner Control Stuck Open Bank 2
P1539	Power to A/C Compressor Clutch Circuit Exceeded Normal Current Draw
P1548	Engine Air Filter Restriction
P1549	Intake Manifold Communication Control Circuit Malfunction
P1550	Power Steering Pressure Sensor Malfunction
P1561	Brake Line Pressure Sensor Circuit
P1565	Speed Control Command Switch Out of Range High
P1566	Speed Control Command Switch Out of Range Low
P1567	Speed Control Output Circuit Continuity
P1568	Speed Control Unable To Hold Speed
P1572	Brake Pedal Switch Circuit Malfunction
P1573	Throttle Position Not Available
P1574	Stop Lamp Switch Circuit
P1575	Pedal Position Out of Self Test Range
P1576	Accelerator Pedal Position Sensor Signal Malfunction
P1577	Pedal Position Sensor Disagreement
P1578	ETC Power Less Than Demand
P1579	Electronic Throttle Control In Power Limiting Mode
P1580	Electronic Throttle Monitor PCM Override
P1581	Electronic Throttle Monitor Malfunction
P1582	Electronic Throttle Monitor Data Available
P1583	Electronic Throttle Monitor Cruise Disable
P1584	Throttle Control Unit Input Circuit Malfunction
P1585	Throttle Control Unit Malfunction
P1586	Throttle Control Unit Throttle Position Malfunction
P1587	Throttle Control Unit Modulated Command Malfunction
P1588	Throttle Control Unit Detected Loss of Return Spring
P1589	Throttle Control Unit Unable To Control Desired Throttle Angle
P1600	Loss of KAM Power Open Circuit
P1605	PCM Keep Alive Memory Test Error Conditions
P1608	Watchdog Malfunction
P1610	Engine control module (ECM)
P1611	Engine control module (ECM)
P1615	Engine control module (ECM)
P1616	Engine control module (ECM)
P1617	Engine control module (ECM)
P1618	Engine control module (ECM)
P1625	Voltage to Vehicle Load Control Module Fan Circuit Not detected
P1626	Voltage to Vehicle Load Control Module Circuit Not detected
P1633	Keep Alive Power Voltage Too Low
P1634	Data Output Link Circuit Failure
P1635	Tire / Axle Ratio Out of Acceptable Range
P1636	Inductive Signature Chip Communication Error
P1639	Vehicle ID Block Corrupted or Not Programmed
P1640	Powertrain DTCs Available in Another Module
P1641	Fuel Pump Driver Module Fault Conditions
P1642	Fuel Pump Monitor Circuit High Input
P1643	Fuel Pump Monitor Circuit Low Input
P1644	Fuel Pump Speed Control Circuit Malfunction
P1646	Linear O2 Sensor Control Chip Bank 1
P1647	Linear O2 Sensor Control Chip Bank 2

P1650	Power Steering Pressure Switch Out of Self-Test Range
P1651	Power Steering Pressure Switch Input Malfunction
P1656	CAN Link PCM Circuit Network
P1657	Skip Shift 1 To 4 Upshift System Control Circuit
P1660	Output Circuit Check Signal High
P1661	Output Circuit Check Signal Low
P1662	Injector control module relay -circuit malfunction
P1663	Fuel Demand Command Signal Circuit Malfunction
P1664	Injection Pump Control Module Faulty
P1667	Cylinder identification -circuit malfunction
P1668	Engine control module (ECM)/injector control module -communication error
P1670	Electronic Feedback Signal Not Detected
P1674	Control Module Software Corrupted
P1690	Wastegate Solenoid Circuit Malfunction
P1700	Transmission System Problems
P1701	Reverse Engagement Error Conditions
P1702	Transmission range (TR) sensor -circuit intermittent
P1703	Brake On/Off Switch Out of Self-Test Range
P1704	Transmission System Conditions
P1705	Manual Lever Position Sensor Out of Self-Test Range
P1706	High Vehicle Speed Observed in Park
P1707	Transfer Case Neutral Indicator Hard Fault Present
P1709	Park or Neutral Position Switch Out of Self-Test Range
P1710	No Change In Transmission Fluid Temperature Signal
P1711	Transmission Fluid Temperature Sensor Out of Self-Test Range
P1712	Trans Torque Reduction Request Signal Malfunction
P1713	Transmission System Conditions
P1714	Shift Solenoid 'A' Fault
P1715	Shift Solenoid 'B' Fault
P1716	Transmission System Conditions
P1717	Transmission System Conditions
P1718	Transmission System Conditions
P1719	Steering Sensor High Input
P1720	Vehicle Speed Meter Circuit Malfunction
P1721	Gear 1 Incorrect Ratio
P1722	Gear 2 Incorrect Ratio
P1723	Gear 3 Incorrect Ratio
P1724	Gear 4 Incorrect Ratio
P1725	Insufficient Engine Speed Increase During Self Test
P1726	Insufficient Engine Speed Decrease During Self Test
P1727	Transmission Slip Fault Conditions
P1728	Transmission Slip Error
P1729	4x4 Low Switch Error
P1731	1-2 Shift Malfunction
P1732	Engine Overspeed Malfunction
P1733	Gearshift Load Control Malfunction
P1740	Transmission System Conditions
P1741	Torque Converter Clutch Control Error
P1742	Torque Converter Clutch Solenoid Failed On Conditions
P1743	Torque Converter Clutch Solenoid Failed On Conditions
P1744	Torque Converter Clutch System Stuck in Off Position

P1745	Line Pressure Too High For Too Long
P1746	Electronic Pressure Control Solenoid Low Conditions
P1747	Electronic Pressure Control Solenoid 'A' Short Circuit
P1748	Electronic Pressure Control Malfunction
P1749	Electronic Pressure Control Solenoid Failed Low Conditions
P1751	Shift Solenoid 1 Performance Conditions
P1754	Coast Clutch Solenoid Circuit Malfunction
P1756	Shift Solenoid 2 Performance Conditions
P1760	Transmission System Fault Conditions
P1761	Shift Solenoid 3 Performance Conditions
P1762	Overdrive Band Failed Off
P1766	Shift Solenoid 'D' Performance
P1767	Torque Converter Clutch Solenoid Circuit Malfunction
P1768	Performance / Normal / Winter Mode Input Malfunction
P1770	Overrun Clutch Solenoid Valve Malfunction
P1771	Throttle Position Sensor Open Circuit
P1772	Throttle Position Sensor Short Circuit
P1779	Transmission Control Indicator Lamp Circuit Malfunction
P1780	Transmission Control Switch Circuit is Out of Self-Test Range
P1781	4x4 Low Switch Out of Self-Test Range Conditions
P1782	P/ES Circuit Out Of Self Test Range
P1783	Transmission Over-Temperature Condition
P1784	Transmission System First or Reverse Gear Fault Conditions
P1785	Transmission System First or Second Gear Fault Conditions
P1786	Transmission System Second or Third Gear Fault
P1787	Transmission System Third or Fourth Gear Fault
P1788	3-2 Timing/Coast Clutch Solenoid Circuit Open Conditions
P1789	3-2 Timing/Coast Clutch Solenoid Circuit Shorted Conditions
P1793	Ignition Supply Malfunction
P1795	Idle Switch Circuit Malfunction
P1797	Park/Neutral Position Switch Signal Malfunction
P1804	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1806	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1807	Transmission 4-Wheel Drive High Indicator Short Circuit To Ground
P1808	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1809	Transmission 4-Wheel Drive Low Indicator Open Circuit
P1810	Transmission Fluid Pressure Valve Position Switch Circuit
P1812	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1815	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1819	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1822	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1824	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1826	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1827	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
P1828	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1829	Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
P1830	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1832	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1834	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1838	Transmission Transfer Case Shift Motor Circuit Failure

P1839	Transmission Transfer Case Shift Motor Open Circuit
P1840	Transmission Transfer Case Shift Motor Short Circuit To Battery
P1846	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1848	Transmission Transfer Case Contact Plate 'A' Short Circuit To Battery
P1849	Transmission Transfer Case Contact Plate 'A' Short Circuit To Ground
P1850	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1854	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1855	Transmission Transfer Case Contact Plate 'C' Open Circuit
P1856	Transmission Transfer Case Contact Plate 'C' Short Circuit To Battery
P1857	Transmission Transfer Case Contact Plate 'C' Short Circuit To Ground
P1858	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1859	Transmission Transfer Case Contact Plate 'D' Open Circuit
P1861	Transmission Transfer Case Contact Plate 'D' Short Circuit To Ground
P1862	Transmission Transfer Case Contact Plate Power Circuit Failure
P1863	Transmission Transfer Case Contact Plate Power Open Circuit
P1865	Transmission Transfer Case Contact Plate Power Short To Ground
P1866	Transmission Transfer Case System Concern Servicing Required
P1867	Transmission Transfer Case Contact Plate General Circuit Failure
P1869	Lamp Air Bag Warning Indicator Circuit Open or Short to Ground
P1876	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1878	Transmission Transfer Case Disengaged Solenoid Circuit Failure
P1881	Engine Coolant Level Switch Circuit Failure
P1882	Engine Coolant Level Switch Circuit Short to Ground
P1883	Engine Coolant Level Switch Circuit Failure
P1884	Engine Coolant Level Lamp Circuit Short to Ground
P1889	Drive Train Axles Bearings Problem
P1891	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	Output Shaft Speed Circuit Intermittent Malfunction
P1901	Turbine Shaft Speed Sensor Circuit Intermittent
P1902	Kickdown Solenoid Relay Control Circuit
P1903	Kickdown Solenoid Circuit Low Voltage
P1904	Kickdown Solenoid Circuit High Voltage
P1908	Transmission Pressure Circuit Solenoid Open or Short to Ground
P1909	Transmission Temperature Sensor Circuit Open or Shorted to Power Or Ground
P1910	Reversing lamps -circuit malfunction
P1919	Engine Coolant Temperature Signal
P1922	Fuel Additive Level Circuit Malfunction
P1924	Fuel Additive Level Circuit Low
P1925	Fuel Additive Level Circuit High
P1926	Fuel Additive Level Circuit Range/Performance
P1927	Fuel Additive Level Too Low/Empty
P1928	Fuel Additive Level Pump Control Circuit/Open
P1929	Fuel Additive Level Pump Control Circuit Performance
P1930	Fuel Additive Level Too Low/Empty
P1931	Fuel Additive Pump Control Circuit/Open
P1932	Fuel Additive Pump Control Circuit Performance
P1933	Fuel Additive Pump Control Circuit Low
P1934	Fuel Additive Pump Control Circuit High
P1935	Fuel Additive Level Low
P1936	Fuel Level Signal

P1937	Vehicle Speed Signal
P1938	Brake Switch/Sensor Signal
P1939	Clutch Switch/Sensor Signal
U2023	Fault received from external node