P1XXX

CHRYSLER & JEEP

OBD2 CODE LIST

Codes	Definition
P1001	Ignition Key Off Timer Performance Too Fast
P1002	Ignition Key Off Timer Performance Too Slow
P1004	Intake manifold air control valve (short runner) - performance
P1005	Intake manifold air valve control -performance
P1011	Fuel Pump Delivery Pressure Too Low
P1012	Fuel Pump Delivery Pressure Too High
P1100 – P1199 (Fuel and air metering)	
P1101	Airbag Control Module Signal Received
P1102	Viscous/Cabin Heater Relay Circuit Condition
P1105	tables Barometric pressure (BARO) read solenoid -circuit malfunction
P1106	Turbocharger (TC) boost pressure actuator range/performance problem
P1107	BARO Solenoid Performance
P1110	Decreased Engine Performance Condition High IAT Temperature
P1112	Intake Air Temperature Sensor Circuit Intermittent Low Voltage
P1115	Engine coolant temperature (ECT) sensor/ intake air temperature (IAT) sensor/ outside air temperature sensor -signal variation
P1128	Closed loop fuel control not achieved -bank 1
P1129	Closed loop fuel control not achieved -bank 2
P1131	Glow Plug Control Module Internal Fault-Voltage Supply Concern
P1135	Glow Plug Control Module Voltage Supply Concern
P1140	Vacuum Reservoir Solenoid Circuit Condition
P1142	Fuel Pressure Solenoid Circuit Condition
P1143	Fuel Rail Pressure Malfunction Positive Pressure Deviation

P1144	Fuel Rail Pressure Malfunction Positive Volume Deviation
P1148	Fuel Rail Pressure Malfunction Pressure Drop In Over-run
P1151	Fuel Rail Pressure Malfunction Maximum Positive Deviation
P1152	Fuel Rail Pressure Malfunction Positive Deviation Fuel Pressure Solenoid Setpoint
P1153	Fuel Rail Pressure Malfunction Negative Deviation Fuel Pressure Solenoid Setpoint
P1154	Fuel Rail Pressure Malfunction Rail Pressure Is Too Low
P1155	Fuel Rail Pressure Malfunction Rail Pressure Is Too High
P1156	Fuel Rail Pressure Malfunction Plausibility
P1159	Improper Start Attempt
P1160	Ignition Voltage
P1167	Capacitor Voltage 1
P1169	ECM A/D Converter Error
P1180	Decreased Engine Performance Condition High Fuel Temperature Condition
P1187	Turbocharger (TC) boost pressure sensorrange/performance problem
P1188	Turbocharger (TC) boost pressure sensorrange/performance problem
P1189	Turbocharger (TC) boost pressure sensor-voltage low
P1190	Turbocharger (TC) boost pressure sensorvoltage high
P1192	Intake air temperature (IAT) sensor -voltage low
P1193	Intake air temperature (IAT) sensor -voltage high
P1195	Heated oxygen sensor (H02S) 1, bank 1 slow response
P1196	Heated oxygen sensor (H02S) 2, bank 1 slow response
P1197	Heated oxygen sensor (H02S) 2, bank 1 slow response
P1198	Radiator Temp Sensor Input Too High
P1199	Radiator Temp Sensor Input Too Low
P1200 – P1299 (Fuel and air metering – injector circuit)	

P1222	Pedal Position Sensor 1 CKT Plausibility
P1234	Pedal Position Sensor 2 CKT Plausibility
P1239	Engine oil temperature (EOT) -temperature too low
P1250	Vacuum Reservoir Solenoid Open Circuit
P1251	Vacuum Reservoir Solenoid Short To Ground
P1252	Vacuum Reservoir Solenoid Short Circuit
P1272	AlC compressor clutch control circuit 2 voltagelow
P1273	AlC compressor clutch control circuit 2 voltage high
P1274	AlC compressor clutch control circuit 2 -open circuit
P1275	NC compressor clutch control circuit 2 -circuit malfunction
P1277	Starter motor control circuit -voltage low
P1278	Starter motor control circuit -voltage high
P1279	Starter motor control circuit -open circuit
P127A	Starter motor control circuit -circuit malfunction
P127C	Fuel pump control circuit -voltage low
P127D	Fuel pump control circuit -voltage high
P127E	Fuel pump control circuit -open circuit
P127F	Fuel pump control circuit -circuit malfunction
P1281	Engine temperature -low for long period
P1282	Fuel pump relay
P1283	Idle Select Signal Invalid Condition
P1284	Fuel Injection Pump Battery Voltage Out Of Range Condition
P1285	Fuel Injection Pump Controller Always On
P1286	Accelerator Position Sensor Supply Voltage Too High
P1287	Fuel Injection Pump Controller Supply Voltage Low Condition
P1288	Intake manifold air control solenoid (short runner)
P1289	Intake manifold air control solenoid
P1290	Compressed natural gas pressure sensorpressure high
P1291	No Temp. Rise Seen From Intake Heaters Conditions

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P1292	Compressed natural gas pressure sensor voltagehigh
P1293	Compressed natural gas pressure sensor voltage low
P1294	Idle speed control (ISC) system -rpm lower/ higher than expected
P1295	Throttle position (TP) sensor -supply voltage
P1296	Manifold absolute pressure (MAP) sensor supply voltage
P1297	Manifold absolute pressure (MAP) sensor
P1298	System too lean -at prolonged wide open throttle
P1299	Manifold absolute pressure (MAP) sensor/throttle position (TP) sensor
P1300 – P1399 (Ignition system or misfire)	
P1300	Ignition Timing Adjustment Circuit Conditions
P1386	Engine control module (ECM), knock control -defective
P1388	Engine control relay
P1389	Engine control relay
P1390	Crankshaft position (CKP) sensor/camshaftposition (CMP) sensor -signal synchronisation
P1391	Crankshaft position (CKP) sensor/camshaft position (CMP) sensor -intermittent signal
P1398	Engine control module (ECM) -misfire detection limit reached
P1399	Wait To Start Lamp Circuit Condition
P1400 – P1499 (Emission control)	
P1400	Manifold differential pressure (MOP) sensor,EGR system - circuit malfunction
P1403	Exhaust gas recirculation (EGR) valve position sensor no 5 volt supply
P1404	Exhaust gas recirculation (EGR) valve position sensor malfunction
P1411	Cylinder cut-out solenoid 1 -malfunction
P1414	Cylinder cut-out solenoid 4 -malfunction
P1416	Cylinder cut-out solenoid 6 -malfunction

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P1417	Cylinder cut-out solenoid 7 -malfunction
P1462	Fuel Level Output Circuit Low
P1463	Fuel Level Output Circuit High
P1476	Too Little Secondary Air Injection Conditions
P1477	Too Much Secondary Air Injection Conditions
P1478	Battery temperature sensor
P1479	Transmission cooling fan relay -circuit malfunction
P1480	PCV Solenoid Circuit Condition
P1481	EATX RPM Pulse Performance Condition
P1485	Air Injection Solenoid Condition
P1486	Evaporative emission (EVAP) system -blockage detected
P1487	Engine coolant blower motor relay -high speed -circuit malfunction
P1488	Engine control module (ECM) -auxiliary 5 voltoutput low
P1489	Engine coolant blower motor relay
P1490	Engine coolant blower motor relay
P1491	Engine coolant blower motor relay -circuitmalfunction
P1492	Ambient/battery temperature sensor -high input
P1493	Ambient/battery temperature sensor -voltage low
P1494	Evaporative emission (EVAP) leak detection pump -pressure switch
P1495	Evaporative emission (EVAP) leak detection pump solenoid
P1496	Engine control module (ECM) -5 volt output low
P1498	High Speed Radiator Relay Ground Control Conditions
P1499	Hydraulic Cooling Fan Solenoid Circuit Condition
P1500 – P1599 (Vehicle or idle speed control)	
P1500	Alternator -circuit malfunction
P1501	Vehicle over-speed condition -rear axle speed greater than front axle

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P1502	Vehicle over-speed condition -front axle speed greater than rear axle
P1505	Vehicle Speed Output Circuit High
P1508	Ambient/Battery Temperature Sensor Volts Too Low
P150D	Cold start emission control -irregular idle speed
P1513	Starter request circuit -switch stuck
P1519	Cruise Control Front Distance Sensor Lens Cracked Missing
P1521	Engine oil sensor module -malfunction
P1524	Oil Pressure Out Of Range Camshaft Advance / Retard Disable
P1572	Brake pedal position (BPP) switch -circuit malfunction
P1573	Brake pedal position (BPP) switch -circuit malfunction
P1593	Cruise control system, multi-function input circuit stuck
P1594	Alternator -voltage high
P1595	Cruise control
P1596	Cruise control master switch -high voltage
P1597	Cruise control master switch -low voltage
P1598	AlC refrigerant pressure sensor -high input
P1599	AlC refrigerant pressure sensor -low input
P1600 – P1699 (ECM – computer output circuit)	
P1600	CAN data bus, rough road signal -signal error
P1602	Engine control module (ECM) not programmed
P1603	Engine control module (ECM) -RAM link error
P1604	Engine control module (ECM) -RAM read/write error
P1607	Engine control module (ECM) -shut down timer error
P1610	Immobilizer control module -circuit malfunction
P1612	Throttle position (TP) control module malfunction
P1618	Engine control module (ECM) -primary 5 volt output erratic
P1628	Engine control module (ECM) -auxiliary 5 voltoutput erratic
P1631	TCM Internal Processor Clock Performance

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P1639	TCM Internal CAN 2 RAM Performance
P1652	CAN data bus -short circuit to ground
P1653	CAN data bus -short circuit to ground
P1680	Clutch pedal position (CPP) switch -circuit malfunction
P1681	CAN data bus, instrumentation -no signal
P1682	Alternator -voltage low
P1683	Cruise control
P1684	Engine control module (ECM) -supply voltage disconnected within last 50 ignition switch ON-OFF cycles
P1685	Key not programmed into immobilizer controlmodule
P1686	CAN data bus, imobilizer control module no signal
P1687	CAN data bus, instrumentation -no signal
P1688	Internal Fuel Injection Pump Controller Failure
P1689	No Communication Between ECM and Injection Pump Module Data
P1690	Fuel Injection Pump CKP Sensor Does Not Agree With ECM CKP Sensor
P1691	Fuel Injection Pump Controller Calibration Error
P1694	CAN data bus, ECM -no signal
P1695	CAN data bus, body control module (BCM) no signal
P1696	Engine control module (ECM) -EEPROM error
P1697	Engine control module (ECM) -EEPROM error
P1698	CAN data bus, TCM -no signal
P1700 – P1799 (Transmission)	
P1745	Line Pressure Too High For Too Long
P1751	Transmission system relay -circuit malfunction
P1753	Transmission Throttle Valve Mechanical Performance
P1755	Intermediate Speed Sensor Mmalfunction
P1756	Governor Press, over 3 PSI in gear (0 MPH) Conditions
P1757	Governor Press. Not at Target at 15-20 PSI Conditions

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P1762	Governor Press. Sensor Too Low or High Conditions
P1763	Governor Pressure Sensor Too High Conditions
P1764	Governor Pressure Sensor Too Low Conditions
P1765	Transmission system relay
P1775	Solenoid switch valve locked in TCC (torqueconverter clutch) position
P1776	Solenoid switch valve locked in UR (low/reverse) position
P1781	Over Drive Pressure Switch Sense Circuit
P1782	2/4-OD Pressure Switch Circuit
P1787	OD Hydraulic Pressure Test Failure
P1790	Fault immediately after shift
P1793	Torque reduction communication error
P1794	Transmission speed sensor -ground circuit
P1795	Throttle position (TP) sensor -circuit malfunction
P1797	Manual shift overheat ,
P1800 – P1899 (Transmission)	
P1854	Manifold absolute pressure (MAP) sensor/ turbocharger (TC) boost pressure sensorrange/ performance problem
P1861	Fuel ,level -variation between tank levels
P1897	Engine control module (ECM) -communication malfunction
P1899	Park/neutral position (PNP) switch -input circuit malfunction
P3400	Cylinder cut-out system, bank 1 -malfunction
P3401	Cylinder cut-out solenoid 1 -circuit malfunction
P3402	Cylinder cut-out solenoid 1 -malfunction
P3425	Cylinder cut-out solenoid 4 -circuit malfunction
P3426	Cylinder cut-out solenoid 4 -malfunction
P3441	Cylinder cut-out solenoid 6 -circuit malfunction
P3442	Cylinder cut-out solenoid 6 -malfunction

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P3449	Cylinder cut-out solenoid 7 -circuit malfunction
P3450	Cylinder cut-out solenoid 7 -malfunction
P3497	Cylinder cut-out system, bank 2 malfunction
U110A	Steering column function control module, serialcommunication -circuit malfunction
U110C	Fuel level, serial communication -circuit malfunction
U110E	Outside air temperature, serial communication -circuit malfunction
U110F	Fuel volume, serial communication -circuit malfunction
U1110	Vehicle speed, serial communication -circuit malfunction
U1113	Ale pressure, serial communication -circuit malfunction
U1120	Wheel distance traveled, serial communication -circuit malfunction
U1403	Fuel level, serial communication -implausible signal
U1411	Fuel volume, serial communication -implausiblesignal
U1412	Vehicle speed, serial communication -implausible signal
U1413	Odometer mileage, serial communication -implausible signal
U1417	LH front wheel, distance traveled -implausible signal
U1418	RH front wheel, distance traveled implausible signal

Questions?
Contact us.

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