

P1100 MAF Sensor Intermittent/ Check of all OBDII Systems Not Complete
 P1101 MAF Sensor Out Of Self Test Range./KOER Not Able To Complete KOER
 Aborted
 P1102 MAF Sensor In Range But Lower Than Expected
 P1103 MAF Sensor In Range But Higher Than Expected
 P1104 MAF Ground Malfunction
 P1105 Dual Alternator Upper Fault
 P1106 Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit
 Intermittent High Voltage
 P1107 Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP)
 Sensor Circuit Intermittent Low Voltage
 P1108 Dual Alternator Battery Lamp Circuit Malfunction
 P1109 IAT - B Sensor Intermittent
 P1110 IAT Sensor (D/C) Open/Short
 P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
 P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
 P1113 IAT Sensor Open/Short
 P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT
 - B Circuit Low Input
 P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT
 - B Circuit High Input
 P1116 Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range
 P1117 Engine Coolant Sensor intermittent/ECT 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 (TP) Sensor Circuit Intermittent High Voltage
 P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
 P1123 Throttle Position Sensor In Range But Higher Than Expected
 P1124 Throttle Position Sensor Out Of Self Test Range
 P1125 Throttle position sensor intermittent
 P1126 Throttle Position (Narrow Range) Sensor Circuit Malfunction
 P1127 Exhaust Not Warm, Downstream O2 Sensor
 P1128 Upstream Heated O2 Sensors Swapped
 P1129 Downstream Heated O2 Sensors Swapped
 P1130 Lack Of HO2S Switch - Adaptive Fuel At Limit
 P1131 Lack Of HO2S Switch - Sensor Indicates Lean
 P1132 Lack Of HO2S Switch - Sensor Indicates Rich
 P1133 HO2S Insufficient Switching Sensor 1
 P1134 HO2S Transition Time Ratio Sensor 1
 P1135 Pedal Position Sensor A Circuit Intermittent
 P1136 Fan Control Circuit Malfunction
 P1137 Lack Of HO2S Switch - Sensor Indicates Lean
 P1138 Lack Of HO2S12 Switch - Sensor Indicates Rich
 P1139 Water In Fuel Indicator Circuit Malfunction
 P1140 Water In Fuel Condition
 P1141 Fuel Restriction Indicator Circuit Malfunction
 P1142 Fuel Restriction Condition
 P1143 Air Assist Control Valve Range/Performance
 P1144 Air Assist Control Valve Circuit Malfunction
 P1150 Lack Of HO2S21 Switch - Adaptive Fuel At Limit
 P1151 Lack Of HO2S21 Switch - Sensor Indicates Lean
 P1152 Lack Of HO2S21 Switch - Sensor Indicates Rich
 P1153 Bank 2 Fuel Control Shifted Lean
 P1154 Bank 2 Fuel Control Shifted Rich
 P1155 Alternative Fuel Controller
 P1156 Fuel Select Switch Malfunction
 P1157 Lack Of HO2S22 Switch - Sensor Indicates Lean
 P1158 Lack Of HO2S22 Switch - Sensor Indicates Rich
 P1159 Fuel Stepper Motor Malfunction
 P1167 Invalid Test,throttle not depressed
 P1168 Fuel Rail Sensor In-Range Low Failure
 P1169 Fuel Rail Sensor In-Range High Failure
 P1170 ESO - 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
 P1178 (open)
 P1180 Fuel Delivery System Malfunction - Low
 P1181 Fuel Delivery System Malfunction - High

P1182 Fuel Shut Off Solenoid Malfunction
P1183 Engine Oil Temperature Circuit Malfunction
P1184 Engine Oil Temperature Out Of Self Test Range
P1185 FTS High - Fuel Pump Temperature Sensor High
P1186 FTS Low - 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 ECU A/D Converter
P1195 SCP HBCC Failed To Initialize
P1196 Key Off Voltage High
P1197 Key Off Voltage Low
P1198 Pump Rotor Control Underfueling
P1199 Fuel Level Input Circuit Low
P1200 Injector Control Circuit
P1201 Injector Circuit Open / Shorted - Cylinder #1
P1202 Injector Circuit Open / Shorted - Cylinder #2
P1203 Injector Circuit Open / Shorted - Cylinder #3
P1204 Injector Circuit Open / Shorted - Cylinder #4
P1205 Injector Circuit Open / Shorted - Cylinder #5
P1206 Injector Circuit Open / Shorted - Cylinder #6
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 Low
P1220 Series Throttle Control System Malfunction
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
P1225 Needle Lift Sensor Malfunction
P1226 Control Sleeve Sensor Malfunction
P1227 Wastegate Failed Closed (Over Pressure)
P1228 Wastegate Failed Open (Under Pressure)
P1229 Intercooler Pump Driver Fault
P1230 Fuel Pump Low Speed Malfunction
P1231 Fuel Pump Secondary Circuit Low, High Speed
P1232 Fuel Pump Speed Primary Circuit Malfunction
P1233 Fuel Pump Driver Module Off Line
P1234 Fuel Pump Driver Module Off Line
P1235 Fuel Pump Control Out Of Range
P1236 Fuel Pump Control Out Of Range
P1237 Fuel Pump Secondary Circuit Malfunction
P1238 Fuel Pump Secondary Circuit Malfunction
P1239 Speed Fuel Pump Positive Feed Fault
P1240 Sensor Power Supply Malfunction
P1241 Sensor Power Supply Low Input
P1242 Sensor Power Supply High Input
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 PRC Solenoid Circuit Malfunction
P1251 Air Mixture Solenoid Circuit Malfunction
P1252 Pedal Correlation PDS1 and LPDS High
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
P1259 Immobilizer to PCM Signal Error
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
P1269 Immobilizer Code Not Programmed
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 IPR Circuit Failure
P1284 Aborted KOER - ICP Failure
P1285 Cylinder head over temp sensed
P1286 Fuel Pulse In Range But Lower Than Expected
P1287 Fuel Pulse In Range But Higher Than Expected
P1288 Cylinder Head Temp Sensor Out Of Self Test Range
P1289 Cylinder Head Temp Sensor High Input
P1290 Cylinder Head Temp Sensor Low Input
P1291 Injector High Side Short To GND Or VBATT - Bank 1
P1292 Injector High Side Short To GND Or VBATT - Bank 2
P1293 Injector High Side Open - Bank 1
P1294 Injector High Side Open - Bank 2/Target idle not reached
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 IDM Failure
P1299 Cylinder Head Overtemperature Protection Active
P1300 Boost Calibration Fault
P1301 Boost Calibration High
P1302 Boost Calibration 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 Monitor AICE Chip Fault
P1313 Misfire Rate Catalyst Damage Fault - Bank 1
P1314 Misfire Rate Catalyst Damage Fault - Bank 2
P1315 Persistent Misfire
P1316 Injector Circuit / IDM Codes Detected
P1317 Injector Circuit / IDM Codes Not Updated
P1336 Crank / Cam Sensor Range / Performance
P1340 Camshaft Position Sensor B Circuit Malfunction
P1341 Camshaft Position Sensor B Range / Performance
P1345 SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position Correlation
P1346 Fuel Level Sensor B Circuit Malfunction
P1347 Fuel Level Sensor B Range / Performance
P1348 Fuel Level Sensor B Circuit Low
P1349 Fuel Level Sensor B Circuit High
P1350 Fuel Level Sensor B Intermittent/Bypass Line Monitor
P1351 IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage
P1352 Ignition Coil A Primary Circuit Malfunction
P1353 Ignition Coil B Primary Circuit Malfunction
P1354 Ignition Coil C Primary Circuit Malfunction
P1355 Ignition Coil D Primary Circuit Malfunction
P1360 Ignition Coil A Secondary Circuit Malfunction
P1361 Ignition Control (IC) Circuit Low Voltage
P1362 Ignition Coil C Secondary Circuit Malfunction

P1363 Ignition Coil D Secondary Circuit Malfunction
 P1364 Ignition Coil Primary Circuit Failure
 P1365 Ignition Coil Secondary Circuit Failure
 P1366 Ignition Spare
 P1367 Ignition Spare
 P1368 Ignition Spare
 P1369 Engine Temperature Light Monitor Failure
 P1370 Insufficient RMP Increase During Spark Test
 P1371 Ignition Coil - Cylinder 1 - Early Activation Fault
 P1372 Ignition Coil - Cylinder 2 - Early Activation Fault
 P1373 Ignition Coil - Cylinder 3 - Early Activation Fault
 P1374 Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault
 P1375 Ignition Coil - Cylinder 5 - Early Activation Fault
 P1376 Ignition Coil - Cylinder 6 - Early Activation Fault
 P1380 Misfire Detected - Rough Road Data Not Available
 P1381 Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM
 P1382 Variable Cam Timing Solenoid #1 Circuit Malfunction
 P1383 Variable Cam Timing Overretarded (Bank #1)
 P1384 VVT Solenoid A Malfunction
 P1385 Variable Cam Timing Solenoid B Malfunction
 P1386 Variable Cam Timing Overadvanced (Bank #2)
 P1387 Variable Cam Timing Solenoid #2 Circuit Malfunction
 P1388 Variable Cam Timing Overretarded (Bank #2)
 P1389 Glow Plug Circuit High Side Low Input
 P1390 Octane Adjust Pin 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
 P1398 VVT Solenoid B Circuit High Input
 P1399 Glow Plug Circuit High Side, High Input
 P1400 DPFE Circuit Low Input
 P1401 DPFE Circuit High Input
 P1402 EGR Metering Orifice Restricted
 P1403 DPFE Sensor Hoses Reversed
 P1404 IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
 P1405 DPFE Sensor Upstream Hose Off Or Plugged
 P1406 Exhaust Gas Recirculation (EGR) Position Sensor Performance
 P1407 EGR No Flow Detected
 P1408 EGR Flow Out Of Self Test Range
 P1409 EVR Control Circuit Malfunction
 P1411 SAI System Incorrect Downstream Flow Detected
 P1413 SAI System Monitor Circuit Low Input
 P1414 SAI System Monitor Circuit High Input
 P1415 Air Pump Circuit Malfunction/ (AIR) System Bank 1
 P1416 Port Air Circuit Malfunction/ (AIR) System Bank 2
 P1417 Port Air Relief Circuit Malfunction
 P1418 Split Air #1 Circuit Malfunction
 P1419 Split Air #2 Circuit Malfunction
 P1420 Catalyst Temperature Sensor Failure
 P1421 Catalyst Damage
 P1422 EGI Temperature Sensor Failure
 P1423 EGI Functionality Test Failed
 P1424 EGI Glow Plug Primary Failure
 P1425 EGI Glow Plug Secondary Failure
 P1426 EGI Mini - MAF Failed Out Of Range
 P1427 EGI Mini - MAF Failed Short Circuit
 P1428 EGI Mini - MAF Failed Open Circuit
 P1429 Electric Air Pump Primary Failure
 P1430 Electric Air Pump Secondary 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
 P1439 Floor Temperature Switch Circuit Malfunction
 P1440 Purge Valve Stuck Open
 P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Chevrolet Only

P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Oldsmobile Only
P1442 Evaporative Emission Control System Leak Detected
P1443 Evaporative Emission Control System Control Valve
P1444 Purge Flow Sensor Circuit Low Input
P1445 Purge Flow Sensor Circuit High Input
P1446 Evaporative Vac Solenoid Circuit Malfunction
P1447 ELC System Closure Valve Flow Fault
P1448 ELC System 2 Fault
P1449 Evaporative Check Solenoid Circuit Malfunction
P1450 Unable To Bleed Up Fuel Tank Vacuum
P1451 Evap Emission Control Sys Vent Control Valve Circuit
P1452 Unable To Bleed - Up Vacuum in Tank
P1453 Fuel Tank Pressure Relief Valve Malfunction
P1454 Evaporative System Vacuum Test Malfunction
P1455 Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)
P1456 Fuel Tank Temperature Sensor Circuit Malfunction
P1457 Unable To Pull Vacuum In Tank
P1460 Wide open throttle A/C cutoff relay circuit
P1461 A/C pressure sensor circuit voltage low
P1462 A/C pressure sensor circuit voltage high
P1463 A/C Pressure Sensor Insufficient Pressure Change
P1464 A/C Demand Out of Self Test Range
P1465 A/C Relay Circuit Malfunction
P1466 A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1467 A/C Compressor Temperature Sensor Malfunction
P1468 SSPOD Open Circuit or Closed Circuit Fault
P1469 Low A/C Cycling Period
P1470 A/C Cycling Period Too Short
P1471 Electrodrive Fan 1 Operational Failure (Driver Side)
P1472 Electrodrive Fan 2 Operational Failure (Passenger Side)
P1473 Fan Secondary High With Fan(s) Off
P1474 Low Fan Control Primary Circuit Malfunction
P1475 Fan Relay (Low) Circuit Malfunction
P1476 Fan Relay (High) Circuit Malfunction
P1477 Additional Fan Relay Circuit Malfunction
P1478 Cooling Fan Driver Fault
P1479 High Fan Control Primary Circuit Malfunction
P1480 Fan Secondary Low with Low Fan On
P1481 Fan Secondary Low With High Fan On
P1482 SCP
P1483 Power To Fan Circuit Overcurrent
P1484 Open Power To Ground VCRM
P1485 EGRV Circuit Malfunction
P1486 EGRA Circuit Malfunction
P1487 EGRCHK Solenoid Circuit Malfunction
P1490 Secondary Air Relief Solenoid Circuit Malfunction
P1491 Secondary Switch Solenoid Circuit Malfunction
P1492 APLSOL Solenoid Circuit Malfunction
P1493 RCNT Solenoid Circuit Malfunction
P1494 SPCUT Solenoid Circuit Malfunction
P1495 TCSPIL Solenoid Circuit Malfunction
P1500 Vehicle Speed Sensor Intermittent
P1501 Vehicle Speed Sensor Out Of Self Test Range
P1502 Vehicle Speed Sensor Intermittent Malfunction
P1503 Auxiliary Speed Sensor Fault
P1504 Idle Air Control Circuit Malfunction
P1505 Idle Air Control System At Adaptive Clip
P1506 Idle Air Control Overspeed Error
P1507 Idle Air Control Underspeed Error
P1508 Idle Control System Circuit Open
P1509 Idle Control System Circuit Shorted
P1510 Idle Signal Circuit Malfunction
P1511 Idle Switch (Electric Control Throttle) Circuit Malfunction
P1512 Intake Manifold Runner Control (Bank 1) Stuck Closed
P1513 Intake Manifold Runner Control (Bank 2) Stuck Closed
P1514 High Load Neutral/Drive Fault
P1515 Electric Current Circuit Malfunction
P1516 IMRC Input Error (Bank 1)
P1517 IMRC Input Error (Bank 2)
P1518 Intake Manifold Runner Control (Stuck Open)
P1519 Intake Manifold Runner Control (Stuck Cl

sed)

P1520 Intake Manifold Runner Control Circuit Malfunction

P1521 Variable Intake Solenoid #1 Circuit Malfunction
 P1522 Variable Intake Solenoid #2 Circuit Malfunction
 P1523 IVC Solenoid Circuit Malfunction
 P1524 Variable Intake Solenoid System
 P1525 Air Bypass Valve System
 P1526 Air Bypass System
 P1527 Accelerate Warmup Solenoid Circuit Malfunction
 P1528 Subsidiary Throttle Valve Solenoid Circuit Malfunction
 P1529 SCAIR Solenoid Circuit Malfunction
 P1530 A/C Clutch Circuit Malfunction
 P1531 Invalid Test - Accelerator Pedal Movement
 P1532 IMCC Circuit Malfunction, Bank B
 P1533 AAI Circuit Malfunction
 P1534 Inertia Switch Activated
 P1535 Blower Fan Speed Circuit Range/Performance
 P1536 Parking Brake Switch Circuit Failure
 P1537 Intake Manifold Runner Control (Bank 1) Stuck Open
 P1538 Intake Manifold Runner Control (Bank 2) Stuck Open
 P1539 Power To A/C Clutch Circuit Overcurrent
 P1540 Air Bypass Valve Circuit Malfunction
 P1549 IMCC Circuit Malfunction, Bank B
 P1550 PSPS Out Of Self Test Range
 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
 P1571 Brake Switch Malfunction
 P1572 Brake Pedal Switch Circuit Malfunction
 P1573 Throttle Position Not Available
 P1574 Throttle Position Sensor Disagreement btwn Sensors
 P1575 Pedal Position Out of Self Test Range
 P1576 Pedal Position Not Available
 P1577 Pedal Position Sensor Disagreement btwn Sensors
 P1578 ETC Power Less Than Demand
 P1579 ETC 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 TCU Detected IPE 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 TCU Unable To Control Desired Throttle Angle
 P1600 Loss of KAM Power; Open Circuit
 P1601 ECM/TCM Serial Communication Error
 P1602 Immobilizer/ECM Communication Error
 P1603 EEPROM Malfunction
 P1604 Code Word Unregistered
 P1605 Keep Alive Memory Test Failure
 P1606 ECM Control Relay O/P Circuit Malfunction
 P1607 MIL O/P Circuit Malfunction
 P1608 Internal ECM Malfunction
 P1609 Diagnostic Lamp Driver Fault
 P1610 SBDS Interactive Codes
 P1611 SBDS Interactive Codes
 P1612 SBDS Interactive Codes
 P1613 SBDS Interactive Codes
 P1614 SBDS Interactive Codes
 P1615 SBDS Interactive Codes
 P1616 SBDS Interactive Codes
 P1617 SBDS Interactive Codes
 P1618 SBDS Interactive Codes
 P1619 SBDS Interactive Codes
 P1620 SBDS Interactive Codes
 P1621 Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match
 P1622 Immobilizer ID Does Not Match
 P1623 Immobilizer Code Word/ID Number Write Failure
 P1624 Anti Theft System
 P1625 B+ Supply To VCRM Fan Circuit Malfunction
 P1626 Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit Malfunction

P1627 Module Supply Voltage Out Of Range
P1628 Module Ignition Supply Input Malfunction
P1629 Internal Voltage Regulator Malfunction
P1630 Internal Vref Malfunction
P1631 Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)
P1632 Smart Alternator Faults Sensor/Circuit Malfunction
P1633 KAM Voltage Too Low
P1634 Data Output Link Circuit Failure
P1635 Tire / Axle Ratio Out of Acceptable Range
P1636 Inductive Signature Chip Communication Error
P1637 Can Link ECM/ABSCM Circuit / Network Malfunction
P1638 Can Link ECM/INSTM Circuit / Network Malfunction
P1639 Vehicle ID Block Corrupted or Not Programmed
P1640 Powertrain DTCs Available in Another Module
P1641 Fuel Pump Primary Circuit Failure
P1642 Fuel Pump Monitor Circuit High Input
P1643 Fuel Pump Monitor Circuit Low Input
P1644 Fuel Pump Speed Control Circuit Malfunction
P1645 Fuel Pump Resistor Switch Circuit Malfunction
P1650 PSP Switch Out of Self Test Range
P1651 PSP Switch Input Malfunction
P1652 IAC Monitor Disabled by PSP Switch Failed On
P1653 Power Steering Output Circuit Malfunction
P1654 Recirculation Override Circuit Malfunction
P1655 Starter Disable Circuit Malfunction
P1660 Output Circuit Check Signal High
P1661 Output Circuit Check Signal Low
P1662 IDM_EN Circuit Failure
P1663 Fuel Demand Command Signal Circuit Malfunction
P1667 CI Circuit Malfunction
P1668 PCM - IDM Communications Error
P1670 Electronic Feedback Signal Not Detected
P1680 Metering Oil Pump Malfunction
P1681 Metering Oil Pump Malfunction
P1682 Metering Oil Pump Malfunction
P1683 Metering Oil Pump Temperature Sensor Circuit Malfunction
P1684 Metering Oil Pump Position Sensor Circuit Malfunction
P1685 Metering Oil Pump Stepping Motor Circuit Malfunction
P1686 Metering Oil Pump Stepping Motor Circuit Malfunction
P1687 Metering Oil Pump Stepping Motor Circuit Malfunction
P1688 Metering Oil Pump Stepping Motor Circuit Malfunction
P1689 Oil Pressure Control Solenoid Circuit Malfunction
P1690 Wastegate Solenoid Circuit Malfunction
P1691 Turbo Pressure Control Solenoid Circuit Malfunction
P1692 Turbo Control Solenoid Circuit Malfunction
P1693 Turbo Charge Control Circuit Malfunction
P1694 Turbo Charge Relief Circuit Malfunction
P1700 Transmission Indeterminate Failure (Failed to Neutral)
P1701 Reverse Engagement Error
P1702 TRS Circuit Intermittent Malfunction
P1703 Brake Switch Out Of Self Test Range
P1704 Digital TRS Failed to Transition States In KOEO / KOER
P1705 Not in P or N During KOEO / KOER
P1706 High Vehicle Speed Observed in Park
P1707 Transfer Case Neutral Indicator Hard Fault Present
P1708 Clutch Switch Circuit Malfunction
P1709 PNP Switch Out Of Self Test Range
P1711 TFT Sensor Out Of Self Test Range
P1712 Trans Torque Reduction Request Signal Malfunction
P1713 TFT Sensor In Range Failure Low Value
P1714 SSA Inductive Signature Malfunction
P1715 SSB Inductive Signature Malfunction
P1716 SSC Inductive Signature Malfunction
P1717 SSD Inductive Signature Malfunction
P1718 TFT Sensor In Range Failure High
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 Coast Clutch Solenoid Inductive Signature Malfunction

P1728 Transmission Slip Error
 P1729 4x4 Low Switch Error
 P1730 Gear Control Malfunction 2,3,5
 P1731 1-2 Shift Malfunction
 P1732 2-3 Shift Malfunction
 P1733 3-4 Shift Malfunction
 P1734 Gear Control Malfunction
 P1735 First Gear Switch Circuit Malfunction
 P1736 Second Gear Switch Circuit Malfunction
 P1737 Lockup Solenoid System
 P1738 Shift Time Error
 P1739 Slip Solenoid System
 P1740 Torque Converter Clutch Inductive Signature Malfunction
 P1741 Torque Converter Clutch Control Error
 P1742 Torque Converter Clutch Solenoid Failed On
 P1743 Torque Converter Clutch Solenoid Failed On
 P1744 Torque Converter Clutch System Performance
 P1745 Line Pressure Solenoid System
 P1746 Pressure Control Solenoid "A" Open Circuit
 P1747 Pressure Control Solenoid "A" Short Circuit
 P1748 EPC Malfunction
 P1749 Pressure Control Solenoid Failed Low
 P1751 Shift Solenoid A Performance
 P1754 Coast Clutch Solenoid Circuit Malfunction
 P1755 Intermediate Speed Sensor (ISS) Malfunction
 P1758 Shift Solenoid B Performance
 P1760 Pressure Control Solenoid "A" Short Circuit
 P1761 Shift Solenoid C Performance
 P1762 Overdrive Band Failed Off
 P1765 Timing Solenoid Circuit Malfunction
 P1767 Torque Converter Clutch Circuit Malfunction
 P1768 Performance / Normal / Winter Mode Input Malfunction
 P1769 AG4 Transmission Torque Modulation Fault
 P1770 Clutch Solenoid Circuit Malfunction
 P1775 Transmission System MIL Fault
 P1776 Ignition Retard Request Duration Fault
 P1777 Ignition Retard Request Circuit Fault
 P1778 Transmission Reverse I/P Circuit Malfunction
 P1779 TCIL Circuit Malfunction
 P1780 Trans Control Switch (O/D Cancel) Out of Self Test Range
 P1781 4X4 Switch Out of Self Test Range
 P1782 P/ES Circuit Out Of Self Test Range
 P1783 Transmission Overtemperature Condition
 P1784 Transmission Mechanical Failure - First And Reverse
 P1785 Transmission Mechanical Failure - First And Second
 P1786 3-2 Downshift Error
 P1787 2-1 Downshift Error
 P1788 Pressure Control Solenoid "B" Open Circuit
 P1789 Pressure Control Solenoid "B" Short Circuit
 P1790 TP (Mechanical) Circuit Malfunction
 P1791 TP (Electric) Circuit Malfunction
 P1792 Barometer Pressure Circuit Malfunction
 P1793 Intake Air Volume Circuit Malfunction
 P1794 Battery Voltage Circuit Malfunction
 P1795 Idle Switch Circuit Malfunction
 P1796 Kick Down Switch Circuit Malfunction
 P1797 Neutral Switch Circuit Malfunction
 P1798 Coolant Temperature Circuit Malfunction
 P1799 Hold Switch Circuit Malfunction
 P1800 Transmission Clutch Interlock Safety Switch Circuit Failure
 P1801 Transmission Clutch Interlock Safety Switch Open Circuit
 P1802 Transmission Clutch Interlock Safety Switch Short Circuit To Battery
 P1803 Transmission Clutch Interlock Safety Switch Short Circuit To Ground
 P1804 Transmission 4-Wheel Drive High Indicator Circuit Failure
 P1805 Transmission 4-Wheel Drive High Indicator Open Circuit
 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 TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator
 Short Circuit To Battery
 P1811 Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground
 P1812 Transmission 4-Wheel Drive Mode Select Circuit Failure
 P1813 Transmission 4-Wheel Drive Mode Select Open Circuit

P1814 Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
P1815 Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1816 Transmission Neutral Safety Switch Circuit Failure
P1817 Transmission Neutral Safety Switch Open Circuit
P1818 Transmission Neutral Safety Switch Short Circuit To Battery
P1819 Transmission Neutral Safety Switch Short Circuit To Ground
P1820 Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1821 Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
P1822 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1823 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
P1824 Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1825 Transmission 4-Wheel Drive Clutch Relay Open Circuit
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
P1831 Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
P1832 Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1833 Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
P1834 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1835 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground
P1836 Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure
P1837 Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure
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
P1841 Transmission Transfer Case Shift Motor Short Circuit To Ground
P1842 Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure
P1843 Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit
P1844 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery
P1845 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground
P1846 Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1847 Transmission Transfer Case Contact Plate 'A' Open Circuit
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
P1851 Transmission Transfer Case Contact Plate 'B' Open Circuit
P1852 Transmission Transfer Case Contact Plate 'B' Short Circuit To Battery
P1853 Transmission Transfer Case Contact Plate 'B' Short Circuit To Ground
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
P1860 TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate 'D' Short Circuit To Battery
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
P1864 Transmission Transfer Case Contact Plate Power Short To Battery
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
P1868 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure
P1869 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery
P1870 Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch Circuit Failure
P1871 Transmission Mechanical Transfer Case 4x4 Switch Circuit Short To Battery
P1872 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure
P1873 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery
P1874 Transmission Automatic Hall Effect Sensor Power Circuit Failure
P1875 Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch Circuit Electrical
P1876 Transmission Transfer Case Shift Relay Coil Short Circuit Failure

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
 P1879 Transmission Transfer Case Disengaged Solenoid Open Circuit
 P1880 Transmission Transfer Case Disengaged Solenoid Short to Battery
 P1881 Engine Coolant Level Switch Circuit Failure, GEM
 P1882 Engine Coolant Level Switch Circuit Short to Ground
 P1883 Engine Coolant Level Switch Circuit Failure, GEM
 P1884 Engine Coolant Level Lamp Circuit Short to Ground
 P1885 Transmission Transfer Case Disengaged Solenoid Short to Ground
 P1886 4X4 Initialization Failure
 P1890 Transmission 4WD Mode Select Return Input Circuit Failure
 P1891 Transmission Transfer Case Contact Plate Ground Return Open Circuit
 P1900 OSS Circuit Intermittent Malfunction
 P1901 TSS Circuit Intermittent Malfunction
 P1902 Pressure Control Solenoid "B" Intermittent Short
 P1903 Pressure Control Solenoid "C" Short Circuit
 P1904 Pressure Control Solenoid "C" Open Circuit
 P1905 Pressure Control Solenoid "C" Intermittent Short
 P1906 Kickdown Pull Relay Open or Short Circuit to Ground
 P1907 Kickdown Hold Relay Open or Short Circuit to Ground
 P1908 Transmission Pressure Circuit Solenoid Open or Short to Ground
 P1909 Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd
 P1910 VFS A Pressure Output Failed Low
 P1911 VFS B Pressure Output Failed Low
 P1912 VFS C Pressure Output Failed Low
 P1913 Pressure Switch A Circuit Malfunction
 P1914 Manually Shifted Automatic (MSA) Sw Circuit Malf
 P1915 Reverse Switch Circuit Malfunction
 P1916 High Clutch Drum Speed Sensor Malfunction
 P1917 High Clutch Drum Speed Sensor Intermittent
 P1918 Transmission Range Display Circuit Malfunction