

# OBDII Manufacturer Specific Trouble Codes FORD

P1001 KOER (Key On Engine Running) self test not able to complete

P1100 MAF (Mass Air Flow) sensor intermittent ([Click Here for help diagnosing MAF airflow sensor faults](#))  
scan tool companion information

P1101 MAF sensor our of self test range

P1102 MAF in range but lower than expected

P1103 MAF in range but higher than expected

P1104 MAF ground malfunction

P1105 Dual alternator upper fault

P1106 Dual alternator lower fault

P1107 Dual alternator lower circuit malfunction

P1108 Dual alternator battery lamp circuit malfunction

P1109 IAT (Intake Air Temperature) – B sensor intermittent

P1110 IAT sensor (D/C) open/short circuit ([Click Here for help diagnosing Air Temperature Sensor faults](#))

P1111 System pass

P1112 IAT sensor intermittent

P1113 IAT sensor (L/C) open/short circuit

P1114 IAT – B circuit low input

P1115 IAT – B circuit high input

P1116 ECT (Engine Coolant Temperature) sensor out of self test range

P1117 ECT sensor intermittent ([Click Here for help diagnosing Coolant Sensor faults](#))

P1118 Manifold absolute temperature circuit low input ([Click Here for help diagnosing MAP Sensor faults](#))

P1119 Manifold absolute temperature circuit high input

P1120 TP (Throttle Position) sensor out of range low ([Click Here for help diagnosing Throttle Position Sensor faults](#))

P1121 TP sensor inconsistent with MAF sensor

P1122 TP in range but lower than expected

P1123 TP in range but higher than expected

P1124 TP sensor out of self test range

P1125 TP sensor intermittent

P1126 TP narrow range circuit malfunction

P1127 Exhaust not warm – downstream O2 sensor not tester

P1128 Upstream heated O2 sensors swapped

P1129 Downstream heated O2 sensors swapped

P1130 Lack of HO2SII (heated oxygen sensor number) switch – adaptive fuel at limit

P1131 Lack of HO2SII switch – sensor indicates lean ([Click Here for help diagnosing Oxygen Sensor faults](#))

P1132 Lack of HO2SII switch – sensor indicates rich

P1133 Bank 1 fuel control shifted lean (FAOSC)

P1134 Bank 1 fuel control shifted rich (FAOSC)

P1135 Pedal position sensor A circuit malfunction

P1136 Control box fan circuit malfunction

P1137 Lack of HO2S12 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 (FAOSC)

P1154 Bank 2 fuel control shifted rich (FAOSC)

P1155 Alternative fuel controller has activated MIL (Malfunction Indicator Light)

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, operator did not actuate throttle

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 Synchronisation fault

P1178 Boltup limits fault

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 V external

P1193 EGR drive overcurrent

P1194 ECU A/D converter

P1195 SCP HBCC failed to initialize

P1196 Key off voltage too high

P1197 Key off voltage too low

P1198 Pump rotor control underfueling

P1199 Fuel level input circuit low

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 level

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

P1126 Control sleeve sensor malfunction

P1127 Wastegate failed closed (over pressure)

P1128 Wastegate failed open (under pressure)

P1229 Intercooler pump driver fault

P1230 Fuel pump low speed malfunction ([Click Here for help diagnosing Fuel Pump faults](#))

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 ([Click Here for help diagnosing Alternator faults](#))

P1246 Alternator load input failed / various code

P1247 Turbo boost pressure ([Click Here for help diagnosing Turbocharger problems](#))

P1248 Turbo boost pressure not detected

P1249 Wastgate 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 (Powertrain/engine Control Module) signal error ( [Click Here for help troubleshooting Anti-Theft System Problems](#))

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 (key on engine running) – ICP failure

P1285 Cylinder head overtemperature sensed

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 high input

P1290 Cylinder head temperature sensor low input

P1291 Injector high side short to ground bank 1

P1292 Injector high side short to ground bank 2

P1293 Injector high side open bank 1

P1294 Injector high side open bank 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 IDM failure

P1299 Cylinder head over-temperature 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 (air conditioning) 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 fault

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

P1351 IDM input circuit malfunction

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

P1356 IDM pulsewidth indicates engine not turning

P1357 IDM pulsewidth not defined

P1358 IDM signal out of self test range (no CPU OK)

P1359 Spark output circuit malfunction

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 malfunction

P1365 Ignition coil secondary circuit failure

P1366 Ignition spare code

P1367 Ignition spare code

P1368 Ignition spare code

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 Ignition coil cylinder 4 early activation fault

P1375 Ignition coil cylinder 5 early activation fault

P1376 Ignition coil cylinder 6 early activation fault

P1380 Variable cam timing solenoid A malfunction

P1381 Variable cam timing over-advanced bank 1

P1382 Variable cam timing solenoid #1 circuit malfunction

P1383 Variable cam timing over-retarded bank 1

P1384 VVT (variable valve timing) solenoid A malfunction

P1385 Variable cam timing solenoid B malfunction

P1386 Variable cam timing over-advanced bank 2

P1387 Variable cam timing solenoid #2 circuit malfunction

P1388 Variable cam timing over-retarded 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 (Differential Pressure Feedback EGR) circuit low input

P1401 DPFE (Differential Pressure Feedback EGR) circuit high input

P1402 EGR (exhaust gas recirculator) metering orifice blocked

P1403 DPFE sensor hoses reversed

P1404 IAT B circuit malfunction

P1405 DPFE sensor upstream hose off or blocked

P1406 DPFE sensor downstream hose off or blocked

P1407 EGR no flow detected ( [Click Here for help troubleshooting EGR System problems](#))

P1408 EGR flow out of self test range

P1409 EVR (EGR vacuum regulator) control circuit malfunction

P1411 SAI (secondary air injection) system monitor circuit low input

P1413 SAI system monitor circuit low input

P1414 SAI system monitor circuit high input

P1415 Air pump circuit malfunction

P1416 Port air circuit malfunction

P1417 Port air relief circuit malfunction

P1418 Split air #1 circuit fault

P1419 Split air #2 circuit fault

P1420 Catalyst temperature sensor failure

P1421 Catalyst damage

P1422 EGI (exhaust gas ignition?) temperature sensor failure

P1423 EGI functionality test failed

P1424 EGI glow plug primary fail

P1425 EGI glow plug secondary fail

P1426 EGI mini – MAF (mass air flow) failed out of range

P1427 EGI mini – MAF failed short circuit

P1428 EGI mini – MAF failed open circuit

P1429 Electric air pump primary failed

P1430 Electric air pump secondary failure

P1433 A/C refrigerant temperature circuit low ( [Click Here for help troubleshooting Air Conditioning problems](#))

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 ELC system fault

P1442 Evaporative emission control system leak detected ([Click Here for help diagnosing EVAP faults](#) )

P1443 Evaporative emission control system control valve malfunction

P1444 Purge Flow sensor circuit low input

P1445 Purge flow sensor circuit high input

P1446 Evaporative vac solenoid circuit fault

P1447 ELC (evaporative leak check) 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 Evaporative emission control system vent control valve circuit fault



P1452 Unable to bleed up vacuum in tank

P1453 Fuel tank pressure relief valve malfunction

P1454 Evaporative system vacuum test malfunction

P1455 Evaporative emission control system leak detected (gross leak / no flow)

P1456 Fuel tank temperature sensor circuit malfunction

P1457 Unable to pull vacuum in tank

P1460 WOT A/C cutout circuit malfunction ( [Click Here for help troubleshooting Air Conditioning problems](#))

P1461 A/C (air conditioning) pressure sensor circuit high input

P1462 A/C pressure sensor circuit low input

P1463 A/C pressure sensor insufficient pressure charge

P1464 A/C demand out of self test range

P1465 A/C relay circuit malfunction

P1466 A/C refrigerant temperature sensor / circuit fault

P1467 A/C compressor temperature sensor faulty

P1468 SSPOD (six serial/parallel output drivers) open or closed circuit fault

P1469 Low A/C cycling period

P1470 A/C cycling 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 fault

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 (Standard Corporate Protocol?)

P1483 Power to fan circuit overcurrent

P1484 Open power to ground VCRM (variable control relay module)

P1485 EGRV (exhaust gas recirculation vacuum) circuit malfunction

P1486 EGRA (exhaust gas recirculation atmospheric) circuit malfunction

P1487 EGRCHK (EGR boost check) solenoid circuit malfunction

P1490 Secondary air relief solenoid circuit fault

P1491 Secondary switch solenoid circuit fault

P1492 APLSOL (air pollution solenoid?) solenoid circuit malfunction

P1493 RCNT solenoid circuit malfunction

P1494 SPCUT solenoid circuit malfunction

P1495 TCSPL solenoid circuit malfunction

P1500 Vehicle speed sensor intermittent

P1501 Vehicle speed sensor out of self test range

P1502 Vehicle speed sensor intermittent malfunction

P1503 Auxillary speed sensor fault

P1504 Idle air control circuit malfunction ( [Click Here](#) for help troubleshooting Idle Speed Control problems)

P1505 Idle air control system at adaptive limit

P1506 Idle air control overspeed error

P1507 Idle air control underspeed error

P1508 Idle control system open circuit

P1509 Idle control system short circuit

P1510 Idle signal circuit malfunction

P1511 Idle switch (electric control throttle) circuit fault

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 cicuit fault

P1516 IMRC (intake manifold runner control) input error bank 1

P1517 IMRC input error bank 2

P1518 Intake manifold runner control stuck open

P1519 Intake manifold runner control stick closed

P1520 Intake manifold runner control circuit malfunction

P1521 Variable intake solenoid #1 circuit malfunction

P1522 Variable intake solenoid #2 circuit malfunction

P1523 IVC solenoid 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 (Intake Manifold Control Circuit) circuit malfunction bank A

P1533 AAI circuit malfunction

P1534 Inertia switch activated

P1535 Blower fan speed circuit range / performance

P1536 Parking brake switch circuit failure ( [Click Here](#) for help troubleshooting Parking Brake problems)

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 (Intake Manifold Control Circuit) circuit malfunction bank B

P1550 PSPS (power steering pressure switch) out of self test range

P1563 FIP (Fuel Injection Pump) requesting engine stop

P1564 FIP (Fuel Injection Pump) requesting reduced fueling mode

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 fault

P1573 Throttle position not available ( [Click Here](#) for help troubleshooting Electronic Throttle Control problems)

P1574 Throttle position sensor disagreement between sensors

P1575 Pedal position out of self test range

P1576 Pedal position not available

P1577 Pedal position sensor disagreement between sensors

P1578 ETC (Electronic Throttle Control) 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 disabled

P1584 TCU (Throttle Control Unit) detected IPE circuit malfunction

P1585 Throttle control unit malfunction ( [Click Here](#) for help troubleshooting Electronic Throttle Control problems)

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 (Keep Alive Memory) power – open circuit

P1601 ECM/TCM serial communication error

P1602 Immobilizer/ECM comms error

P1603 EEPROM malfunction

P1604 Code word unregistered

P1605 KAM 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 (Service Bay Diagnostic System) interactive codes

P1611 SBDS (Service Bay Diagnostic System) interactive codes

P1612 SBDS (Service Bay Diagnostic System) interactive codes

P1613 SBDS (Service Bay Diagnostic System) interactive codes

P1614 SBDS (Service Bay Diagnostic System) interactive codes

P1615 SBDS (Service Bay Diagnostic System) interactive codes

P1616 SBDS (Service Bay Diagnostic System) interactive codes

P1617 SBDS (Service Bay Diagnostic System) interactive codes

P1618 SBDS (Service Bay Diagnostic System) interactive codes

P1619 SBDS (Service Bay Diagnostic System) interactive codes

P1620 SBDS (Service Bay Diagnostic System) interactive codes

P1621 Immobilizer code words do not match

P1622 Immobilizer ID does not match

P1623 Immobilizer code word / ID number write failure

P1624 Anti theft system ( [Click Here for help troubleshooting Anti-Theft System problems](#))

P1625 B+ supply to VCRM (Variable Control Relay Module) fan circuit malfunction

P1626 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 fault

P1630 Internal VREF (Reference Voltage) malfunction

P1631 Main relay malfunction (power hold)

P1632 Smart alternator faults sensor / circuit malfunction

P1633 KAM (Keep Alive Memory) 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 (Controller Area Network) link ECM/ABS circuit fault

P1638 CAN link ECM/INSTRM circuit fault ( [Click Here](#) for help with CAN diagnostics)

P1639 Vehicle ID (VID) block corrupted or not programmed

P1640 Powertrain DTCs available in another network

P1641 Fuel pump primary circuit failure ( [Click Here](#) for help with Fuel Pump diagnosis)

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 (Power Steering Pressure) switch out of self test range ( [Click Here](#) for help with Power Steering diagnosis)

P1651 PSP switch input malfunction

P1652 IAC (Idle Air Control) monitor disabled by PSP switch failed on

P1653 power steering output circuit malfunction

P1654 Recirculation override circuit malfunction

P1655 Starter disable circuit malfunction ( [Click Here](#) for help troubleshooting Anti-Theft System problems)

P1658 FIP (Fuel Injection Pump) supply voltage out of range

P1659 FIP (Fuel Injection Pump) power circuit

p1660 Output circuit check signal high

P1661 Output circuit check signal low

P1662 IDM\_EN circuit failure

P1663 Fuel demand command signal circuit malfunction

P1664 FIP (Fuel Injection Pump) malfunction (possible air ingress in low pressure fuel side)

P1665 FIP (Fuel Injection Pump) communication with PCM

P1666 FIP crank reference synchronization (CRS)

P1667 CI (Computer controlled distributorless Ignition?) circuit malfunction

P1668 PCM-IDM communication error

P1669 FIP (Fuel Injection Pump) monitor hard fault

P1670 Electronic feedback signal not detected

P1680 Metering oil pump malfunction

P1682 Metering oil pump malfunction

P1683 Metering oil pump malfunction

P1684 Metering oil pump temperature 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 Metering oil pump stepping motor circuit malfunction

P1690 Wastegate solenoid circuit malfunction

P1691 Turbo pressure control solenoid circuit malfunction ( [Click Here for help with Turbocharger Diagnosis](#))

P1692 Turbo control solenoid circuit malfunction

P1693 Turbo charge control circuit malfunction

P1694 Turbo charge relief circuit malfunction

P1695 CAN communication fault ( [Click Here for help with CAN diagnostics](#))

P1700 Transmission intermediate failure (failed to neutral)

P1701 Reverse engagement error

P1702 TRS (Transmission Range Sensor) 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 (Park Neutral Position) switch out of self test range

P1711 TFT (Transmission Fluid Temperature) sensor out of self test range

P1712 Trans torque reduction request signal malfunction

P1713 TFT sensor in range failure low value

P1714 SSA (shift solenoid/speed sensor?) 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 value

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 4×4 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 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

P1743 Torque converter clutch solenoid failed

P1744 Torque converter clutch system performance

P1745 Line pressure solenoid system

P1746 Pressure control solenoid 'A' open circuit

P1747 Pressure control solenoid 'B' open circuit

P1748 EPC (Electronic Pressure Control?) malfunction

P1749 Pressure control solenoid failed low

P1751 Shift solenoid A performance

P1754 Coast clutch solenoid circuit malfunction

P1755 ISS (intermediate speed sensor) malfunction

P1756 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 (Transmission Control Indicator Light) circuit malfunction

P1780 Trans control switch (O/D cancel) out of self test range

P1781 4×4 switch out of self test range

P1782 P/ES (Performance/Economy Switch) 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 (Throttle Position) 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 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 clutch relay short circuit to battery

P1827 Transmission 4-wheel drive clutch relay short 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 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 circuit to battery

P1865 Transmission transfer case contact plate power short circuit 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 mechanical transfer case 4×4 switch circuit failure

P1871 Transmission mechanical transfer case 4×4 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

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 (Generic Electronic Module)

P1882 Engine coolant level switch circuit short to ground

P1883 Engine coolant level lamp switch circuit failure, GEM

P1184 Engine coolant level lamp switch circuit short to ground

P1885 Transmission transfer case disengaged solenoid short to ground

P1886 4×4 initialization failure

P1890 Transmission 4wd mode select return input circuit failure

P1891 Transmission transfer case contact plate power ground return open circuit

P1900 OSS (Output Shaft Speed) circuit intermittent malfunction

P1901 TSS (Turbine Shaft Speed?) 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 Transmission temperature sensor circuit open or short

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) switch circuit malfunction

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