GMC FAULT CODES

https://truck-manuals.jimdo.com/gmc-fault-codes/

2000-05 Engine P codes:

0030 HO2S Heater Control Circuit Sensor 1

0036 HO2S Heater Control Circuit Sensor 2

0101 MAF Sensor Performance

0102 MAF circuit low freq

0103 MAF circuit high freq

0107 MAP low voltage

0108 MAP high voltage

0112 IAT low voltage

0113 IAT high voltage

0117 ECT low voltage

0118 ECT high voltage

0121 TP sensor performance

0122 TP sensor low voltage

0123 TP sensor high voltage

0125 ECT insufficient temp for closed loop

0128 ECT (Eng Cool Temp) below thermostat regulating temp

0130 HO2S Closed Loop Performance Sensor 1

0131 HO2S low voltage Sensor 1

0132 HO2S high voltage Sensor 1

0133 HO2S slow response Sensor 1

0134 HO2S insufficient activity Sensor 1

0135 HO2S heater performance Sensor 1

2000-05 Transmission P codes:

0218 transmission fluid overtemperature

0502 VSS circuit low input

0503 VSS circuit intermittent

0711 trans fluid temp sensor range/performance

0712 trans fluid temp sensor circuit low input

0713 trans fluid temp sensor circuit high input

0716 input speed sensor circuit intermittent

0717 input speed sensor circuit low input

0719 brake switch circuit low input

0724 brake switch circuit high input

0730 incorrect gear ratio

0740 TCC enable solenoid circuit electrical

0741 TCC stuck off

0742 TCC stuck on

0748 pressure control solenoid circuit electrical

0751 shift solenoid A valve performance - no 1st or 4th gear

0752 shift solenoid A valve performance - no 2nd or 3rd gear

0753 shift solenoid A circuit electrical

0756 shift solenoid B valve performance - no 1st or 2nd gear

0757 shift solenoid B valve performance - no 3rd or 4th gear

0758 shift solenoid B circuit electrical

1810 trans fluid pressure valve position switch circuit

1811 maximum adapt and long shift

1814 Torque Converter Overstressed

1819 Internal Mode Switch (IMS) no start / incorrect range

1820 Internal Mode Switch (IMS) Circuit A Low

1822 Internal Mode Switch (IMS) Circuit B High

1823 Internal Mode Switch (IMS) Circuit P Low

1825 Internal Mode Switch (IMS) Invalid Range

1826 Internal Mode Switch (IMS) Circuit C High

1860 TCC PWM solenoid circuit electrical

1870 Trans component slipping

1887 TCC release switch circuit

1997-99 Engine codes

101 MAF Sensor Performance

102 MAF circuit low freq

103 MAF circuit high freq

107 MAP low voltage

108 MAP high voltage

112 IAT low voltage

113 IAT high voltage

117 ECT low voltage

118 ECT high voltage

121 TP sensor performance

122 TP sensor low voltage

123 TP sensor high voltage

125 ECT insufficient temp for closed loop

131 HO2S low voltage Sensor

1132 HO2S high voltage Sensor

1133 HO2S slow response Sensor

1134 HO2S insufficient activity Sensor

1135 HO2S heater performance Sensor

1137 HO2S low voltage Sensor

1138 HO2S high voltage Sensor

2140 HO2S insufficient activity Sensor

2141 HO2S heater performance Sensor

2171 Fuel Trim lean

172 Fuel Trim rich

201 Injector 1 circuit fault

202 Injector 2 circuit fault

203 Injector 3 circuit fault

204 Injector 4 circuit fault

205 injector 5 circuit fault

206 injector 6 circuit fault

230 fuel pump relay control circuit

243 SC boost solenoid control circuit error

300 engine misfire detected

301 Misfire cylinder #1

302 Misfire cylinder #2

303 Misfire cylinder #3

304 Misfire cylinder #4

305 Misfire cylinder #5

306 Misfire cylinder #6

325 knock sensor system fault

327 knock sensor circuit fault bank 1

332 knock sensor circuit fault bank 2

335 CKP sensor A circuit

336 CKP circuit fault

340 CMP sensor circuit

341 CMP sensor performance

385 CKP sensor B circuit

401 EGR insufficient flow

403 EGR solenoid control circuit fault

404 EGR open position performance

405 EGR position sensor low voltage

410 Secondary Air Injection system

412 Secondary Air Injection solenoid circuit

418 Secondary Air Injection pump relay circuit

420 catalyst system low efficiency

440 EVAP system fault

442 EVAP system small leak detected

443 EVAP purge sol control faule

446 EVAP VENT system performance

449 EVAP VENT sol control circuit4

52 fuel tank pressure sensor low volt

453 fuel tank pressure sensor hi volt

462 fuel level sensor low voltage

463 fuel level sensor high voltage

480 cooling fan relay 1 control circuit

481 cooling fan relay 2 control circuit

506 idle speed too low

507 idle speed too hi

522 Eng Oil Pressure Sensor low volt

523 Eng Oil Pressure Sensor hi volt

530 A/C pressure sensor circuit fault

550 Power Steering Pressure switch circuit

560 PCM system voltage error

601 PCM Read Only Memory Fault

602 PCM not programmed

620 generator performance

650 MIL control circuit

654 Engine Speed Output Circuit

656 fuel level output circuit

705 trans range switch circuit

706 trans range switch performance

1106 MAP sensor circuit intermittent hi volt

1107 MAP sensor circuit intermittent low volt

1111 IAT sensor intermittent hi volt

1112 IAT sensor intermittent low volt

1114 ECT sensor intermittent low volt

1115 ECT sensor intermittent hi volt

1121 TPS intermittent hi volt

1122 TPS intermittent low volt

1133 HO2S insufficient switching sensor 1

1134 HO2S transition time ratio sensor 1

1257 Supercharger engine overboost

1260 Fuel pump speed control relay circuit

1336 Crank Position System Variation not learned

1350 Bypass line monitor

1351 ign control (or coil 1) circuit hi volt

1352 ign bypass (or coil 2) circuit hi volt

1353 ign coil 3 circuit high volt

1354 ign coil 4 circuit high volt

1355 ign coil 5 circuit high volt

1356 ign coil 6 circuit high volt

1361 ign control (or coil 1) circuit low volt

1362 ign bypass (or coil 2) circuit low volt

1363 ign coil 3 circuit low volt

1364 ign coil 4 circuit low volt

1365 ign coil 5 circuit low volt

1366 ign coil 6 circuit low volt

1372 CKP sensor A-B correlation

1374 CKP high to low res freq correlation error

1380 misfire detect - no rough road data avail

1381 misfire detect - no comm w/ EBTCM

1404 EGR closed position performance

1406 Exhaust Gas Recirculation (EGR) Position Sensor Performance

1441 EVAP system flow during non-purge

1483 engine cooling system performance

1520 Park/Neutral Position (PNP) switch circuit

1546 a/c relay control circuit

1554 cruise control feedback circuit error

1571 trac control torque req circuit error

1573 lost comm w/ EBTCM (ABS) system

1575 Extended Travel Brake Switch

1585 cruise control inhibit output circuit

1602 lost comm w/ EBTCM (ABS) system

1604 lost comm w/ Driver Info Display Control Sys

1605 lost comm w/ HVAC system

1610 lost comm w/ BCM

1619 Engine oil life monitor reset switch circuit

1626 VATS fuel enable signal lost

1629 VATS fuel enable signal not rec'd

1630 VATS learn mode active

1631 VATS start enable signal not correct

1635 5 volt ref circuit 1

1637 charge system indicator lamp control circuit

1639 5 volt ref circuit 2

1641 A/C clutch relay control circuit

1642 change engine oil lamp control circuit

1646 SC boost solenoid control circuit error

1651 cooling fan relay 1

1652 cooling fan relay 2

1653 fuel level OR low oil lamp output circuit

1662 cruise control inhibit output circuit

1663 charging sys lamp OR change oil lamp circuit

1665 EVAP VENT solenoid circuit

1667 Fuel pump speed control relay circuit

1671 MIL control circuit

1672 low engine oil level lamp control circuit

1673 Eng cool temp HOT lamp control circuit

1676 EVAP purge sol control circuit

1689 Trac control delivered torque output circuit

1997-99 Transmission P codes.

218 transmission fluid overtemperature

502 VSS circuit low input

503 VSS circuit intermittent

711 trans fluid temp sensor range/performance

712 trans fluid temp sensor circuit low input

713 trans fluid temp sensor circuit high input

716 input speed sensor circuit intermittent

717 input speed sensor circuit low input

719 brake switch circuit low input

724 brake switch circuit high input

730 incorrect gear ratio

740 TCC enable solenoid circuit electrical

741 TCC stuck off

742 TCC stuck on

748 pressure control solenoid circuit electrical

751 shift solenoid A valve performance

753 shift solenoid A circuit electrical

756 shift solenoid B valve performance

758 shift solenoid B circuit electrical

1810 trans fluid pressure valve position switch circuit

1811 maximum adapt and long shift

1814 Torque Converter Overstressed

1860 TCC PWM solenoid circuit electrical

1870 Trans component slipping

1887 TCC release switch circuit

0137 HO2S low voltage Sensor 2

0138 HO2S high voltage Sensor 2

0140 HO2S insufficient activity Sensor 2

0141 HO2S heater performance Sensor 2

0171 Fuel Trim lean

0172 Fuel Trim rich

0201 Injector 1 circuit fault

0202 Injector 2 circuit fault

0203 Injector 3 circuit fault

0204 Injector 4 circuit fault

0205 injector 5 circuit fault

0206 injector 6 circuit fault

0230 fuel pump relay control circuit

0243 SC boost solenoid control circuit error

0300 engine misfire detected

0301 Misfire cylinder #1

0302 Misfire cylinder #2

0303 Misfire cylinder #3

0304 Misfire cylinder #4

0305 Misfire cylinder #5

0306 Misfire cylinder #6

0325 knock sensor system fault

0327 knock sensor circuit fault bank 1

0332 knock sensor circuit fault bank 2

0335 CKP sensor A circuit

0336 CKP circuit fault/performance

0340 CMP sensor circuit

0341 CMP sensor performance

0385 CKP sensor B circuit

0401 EGR insufficient flow

0403 EGR solenoid control circuit fault

0404 EGR open position performance

0405 EGR position sensor low voltage

0410 Secondary Air Injection system

0412 Secondary Air Injection solenoid circuit

0418 Secondary Air Injection pump relay circuit

0420 catalyst system low efficiency

0440 EVAP system fault

0442 EVAP system small leak detected

0443 EVAP purge sol control faule

0446 EVAP VENT system performance

0449 EVAP VENT sol control circuit

0452 fuel tank pressure sensor low volt

0453 fuel tank pressure sensor hi volt

0462 fuel level sensor low voltage

0463 fuel level sensor high voltage

0480 cooling fan relay 1 control circuit

0481 cooling fan relay 2 control circuit

0506 idle speed too low

0507 idle speed too hi

0522 Eng Oil Pressure Sensor low volt

0523 Eng Oil Pressure Sensor hi volt

0530 A/C pressure sensor circuit fault

0560 PCM system voltage error

0601 PCM Read Only Memory Fault

0602 PCM not programmed

0603 PCM Long Term Memory Reset

0604 PCM Random Access Memory Fault

0605 PCM Programming Read Only Memory Fault

0606 PCM Internal Performance

0607 PCM Performance

0620 generator performance

0650 MIL control circuit

0654 Engine Speed Output Circuit

0656 fuel level output circuit

1106 MAP sensor circuit intermittent hi volt

1107 MAP sensor circuit intermittent low volt

1111 IAT sensor intermittent hi volt

1112 IAT sensor intermittent low volt

1114 ECT sensor intermittent low volt

1115 ECT sensor intermittent hi volt

1121 TPS intermittent hi volt

1122 TPS intermittent low volt

1133 HO2S insufficient switching sensor 1

1134 HO2S transition time ratio sensor 1

1189 Engine Oil Pressure Switch Circuit

1200 Air fuel ratio

1260 Fuel pump speed control relay circuit

1336 Crank Position System Variation not learned

1351 ign control (or coil 1) circuit hi volt

1352 ign bypass (or coil 2) circuit hi volt

1353 ign coil 3 circuit high volt

1354 ign coil 4 circuit high volt

1355 ign coil 5 circuit high volt

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1404 EGR closed position performance

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1483 engine cooling system performance

1546 a/c relay control circuit

1554 cruise control feedback circuit error

1571 trac control torque req circuit error

1575 Extended Travel Brake Switch

1585 cruise control inhibit output circuit

1600 PCM Long Term Memory Reset (2)

1602 lost comm w/ EBTCM (ABS) system

1604 lost comm w/ Driver Info Display Control Sys

1605 lost comm w/ HVAC system

1610 lost comm w/ BCM

1621 PCM Long Term Memory Performance

1626 VATS fuel enable signal lost

1629 VATS fuel enable signal not rec'd

1630 VATS learn mode active

1631 VATS start enable signal not correct

1635 5 volt ref circuit 1

1637 charge system indicator lamp control circuit

1639 5 volt ref circuit 2

1640 Output Driver Module (ODM) Circuit 1 Error

1650 Output Driver Module (ODM) Circuit 2 Error

1653 fuel level OR low oil lamp output circuit

1660 Output Driver Module (ODM) Circuit 3 Error

1663 charging sys lamp OR change oil lamp circuit

1670 Output Driver Module (ODM) Circuit 4 Error

1673 Eng cool temp HOT lamp control circuit

1689 Trac control delivered torque output circuit