

KIA Manufacturer-specific OBD2 Codes

Codes	Definition
P1100	Manifold absolute pressure (MAP) sensor- for EGR system – circuit malfunction
P1102	Manifold absolute pressure (MAP) sensor – for EGR system – mode 3
P1103	Manifold absolute pressure (MAP) sensor- for EGR system – mode 2
P1106	Manifold absolute pressure (MAP) sensor – signal high
P1107	Manifold absolute pressure (MAP) sensor – signal low
P1110	Electronic throttle system (ETS) – malfunction
P1111	Intake air temperature (IAT) sensor- circuit low input intermittent
P1112	Intake air temperature (IAT) sensor- circuit high input intermittent
P1114	Engine coolant temperature (ECT) sensor – signal malfunction
P1115	Engine coolant temperature (ECT) sensor – signal malfunction:
P1117	HO2S Circuit Low Voltage Bank 1 Sensor 2
P1118	Electronic throttle system (ETS), throttle motor – malfunction
P1121	AT- TP sensor signal
P1134	Heated oxygen sensor (HO2S)- front, bank 1 – signal malfunction
P1151	Accelerator pedal position (APP) sensor – circuit malfunction
P1152	Accelerator pedal position (APP) sensor – low input
P1153	Accelerator pedal position (APP) sensor – high input
P1154	Heated oxygen sensor (HO2S) -front, bank 2 – signal malfunction
P1155	Limp-home solenoid – malfunction
P1159	Intake manifold air control actuator – circuit malfunction
P1166	Heated oxygen sensor (HO2S)- front, bank 1 – control limit
P1167	Heated oxygen sensor (HO2S) – front, bank 2 – control limit
P1168	Heated oxygen sensor (HO2S), heater- rear, bank 1 – circuit malfunction
P1169	Heated oxygen sensor (HO2S), heater- rear, bank 2 – t:circuit malfunction
P1170	Heated oxygen sensor (HO2S) – front- no signal change
P1171	Electronic throttle system (ETS), WOT – malfunction
P1172	Electronic throttle system (ETS), throttle motor – circuit malfunction
P1173	Electronic throttle system (ETS) -throttle valve command/actual throttle valve position, correlation
P1174	Electronic throttle system (ETS), closed throttle – range/performance problem
P1175	Electronic throttle system (ETS), closed throttle – range/performance problem
P1176	Electronic throttle system (ETS), throttle motor – circuit 1 malfunction
P1177	Electronic throttle system (ETS), throttle motor – circuit 2 malfunction
P1178	Electronic throttle system (ETS) – supply voltage
P1183	Fuel Pressure Regulator Open
P1186	Fuel Pressure Too Low
P1187	Fuel Pressure Monitoring - Regulator Valve Stick
P1188	Fuel Pressure Monitoring - Leakage
P1189	Fuel Pressure Monitoring - Governor Deviation at Engine speed Too high
P1190	Intake Throttle Actuator Malfunction
P1191	Electronic Throttle System Limp Home Valve On
P1192	Limp-home solenoid – signal malfunction

P1193	Limp-home solenoid – rpm lower than expected
P1194	Limp-home solenoid – signal malfunction
P1195	Manifold absolute pressure (MAP) sensor - for EGR system - circuit malfunction
P1196	Limp-home solenoid – malfunction
P1250	Fuel pressure regulator control solenoid – circuit malfunction
P1252	Pressure Regulator Control Solenoid Valve No. 2 Circuit Malfunction
P1295	Electronic throttle system (ETS) – circuit malfunction
P1307	G-force sensor – signal malfunction
P1308	G-force sensor – signal low
P1309	G-force sensor – signal high
P1330	Ignition adjustment connector – short to ground
P1345	No Camshaft Position Sensor Signal
P1372	Crankshaft position (CKP) sensor – signal malfunction
P1386	Knock sensor (KS)
P1401	EVAP system malfunction
P1402	Evaporative emission (EVAP) leak detection module pump - circuit malfunction - Spectra 2002
P1403	Evaporative emission (EVAP) leak detection module solenoid – circuit malfunction
P1404	Evaporative emission (EVAP) leak detection module heater – circuit malfunction
P1446	Evaporative emission (EVAP) leak detection module solenoid – circuit malfunction
P1447	Evaporative emission (EVAP) leak detection module pump – circuit malfunction
P1448	Evaporative emission (EVAP) leak detection module heater – circuit malfunction
P1449	Evaporative emission (EVAP) canister purge valve – circuit malfunction
P1450	Evaporative emission (EVAP) canister purge system – vacuum leak detected
P1455	Fuel tank level sensor- circuit malfunction
P1457	Evaporative emission (EVAP) canister purge valve (low)
P1458	AJC compressor control – signal malfunction
P1485	Exhaust gas recirculation (EGR) solenoid (vacuum) – circuit malfunction
P1486	Exhaust gas recirculation (EGR) solenoid (vent) – circuit malfunction
P1487	Manifold absolute pressure (MAP) sensor solenoid – EGR system – circuit malfunction
P1496	Exhaust gas recirculation (EGR) valve – circuit 1 malfunction
P1497	Exhaust gas recirculation (EGR) valve – circuit 2 malfunction
P1498	Exhaust gas recirculation (EGR) valve – circuit 3 malfunction
P1499	Exhaust gas recirculation (EGR) valve – circuit 4 malfunction
P1500	Vehicle speed signal – malfunction
P1501	Battery Temperature Too High
P1502	Battery Not Charging
P1503	Cruise control master switch – malfunction
P1504	Cruise control master switch – signal malfunction
P1505	Idle air control (IAC) valve -opening coil signal low
P1506	Idle air control (IAC) valve – opening coil signal high
P1507	Idle air control (IAC) valve – closing coil signal low
P1508	Idle air control (IAC) valve – closing coil signal high
P1510	Idle air control (IAC) valve – coil 1 -circuit malfunction
P1511	Idle air control (IAC) valve – coil 2 – circuit malfunction
P1521	Power steering pressure (PSP) switch – circuit malfunction
P1523	Electronic throttle system (ETS)- malfunction
P1529	MIL request signal – TCM to ECM
P1550	Knock sensor (KS) – circuit malfunction

P1560	Knock sensor (KS)/serial communication interface – circuit malfunction
P1586	AT coding signal
P1587	CAN Communication Error MT/AT Recognition Error
P1602	Transmission control module (TCM) – communication malfunction
P1603	CAN Communication Bus Error
P1607	Engine control module (ECM)/electronic throttle system (ETS) control module – communication malfunction
P1608	Engine control module (ECM) - malfunction
P1609	Immobilizer – malfunction
P1611	MIL request signal – circuit/voltage low
P1613	Engine control module (ECM) - self test failed
P1614	MIL request signal - circuit/voltage high
P1615	Electronic throttle system (ETS) control module – malfunction
P1616	Engine control relay – circuit malfunction
P161B	Engine control module (ECM)/torque information – malfunction
P1623	Malfunction indicator lamp (MIL) – circuit malfunction
P1624	Except Optima: MIL request signal - TCM to ECM
P1625	Engine coolant blower motor relay high speed – circuit malfunction
P1630	CAN Communication BUS OFF
P1631	Generator voltage – no charge
P1632	Battery voltage monitor - circuit malfunction
P1633	Battery voltage – overcharging
P1634	Generator terminal B – open circuit
P1640	Engine control relay – voltage low/high
P1642	Engine control module (ECM) – non immobilizer/incorrect type
P1673	Coolant blower motor – circuit malfunction
P1690	Immobilizer control module – malfunction
P1691	Immobilizer read coil
P1693	MIL - circuit malfunction
P1694	CAN data bus, immobilizer control module – signal malfunction
P1695	Engine control module (ECM)- EEPROM error
P1696	Immobilizer control module – invalid data received
P1700	Overdrive lamp – circuit malfunction
P1707	Cruise/brake switch – circuit malfunction
P1765	Transmission control module (TCM)- torque reduction malfunction
P1780	Transmission control module (TCM) – ignition advance circuit malfunction
P1794	Supply voltage
P1795	4WD low gear position switch- circuit malfunction
P1797	Park/neutral position (PNP) switch – circuit malfunction
P1800	Engine torque signal – malfunction
P1801	Immobilizer Transponder Error
P1802	Immobilizer Antenna Error
P1803	Immobilizer ECU Signal Error