054QG–02

DIAGNOSTIC TROUBLE CODE CHART

HINT:

Parameters listed in the chart may not be exactly the same as your reading due to the type of instrument or other factors.

If a malfunction code is displayed during the DTWC check in the check mode, check the circuit for the codes listed in the table below. For details of each code, turn to the page referred to under the ”See page” for the respective ”DTC No.” in the DTC chart.

DTC No. (See page)	Detection Item	Trouble Area	*1 CHK ENG (MIL)	Memory
P0100/31 (05–154)	Air Flow Meter Circuit Malfunction	• Open or short in air flow meter circuit • Intake air flow meter • ECM	○	○
P0110/24 (05–159)	Intake Air Temp. Circuit Malfunction	• Open or short in intake air temp. sensor circuit • Intake air temp. sensor (inside air flow meter) • ECM	○	○
P0115/22 (05–163)	Water Temp. Circuit Malfunction	• Open or short in water temp. sensor circuit • E.F.I. engine coolant temp. sensor • ECM	○	○
P0116/22 (05–167)	Water Temp. Circuit Range/Performance Problem	• E.F.I. engine coolant temp. sensor • Cooling system • Thermostat	○	○
P0120/41 (05–168)	Throttle Position Sensor Circuit Malfunction	• Open or short in throttle position sensor circuit • Throttle body assy (Throttle position sensor) • ECM	○	○
P0121/41 (05–172)	Throttle Position Sensor Circuit Range/Performance Problem	• Throttle body assy (Throttle position sensor) • ECM	○	○
P0125/91 (05–173)	Insufficient Water Temp. for Closed Loop Fuel Control	• Open or short in A/F sensor circuit • A/F sensor • Air induction system • Fuel pressure • Injector • Gas leakage on exhaust system • ECM	○	○
P0136/27 (05–178)	Oxygen Sensor Circuit Malfunction	• Open or short in oxygen sensor circuit • Oxygen sensor	○	○
P0141/27 (05–182)	Oxygen Sensor Heater Circuit Malfunction	• Open or short in heater circuit of oxygen sensor • Oxygen sensor • ECM	○	○
P0171/25 (05–185)	System too Lean (A/F Lean Malfunction, Bank 1)	• Air induction system • Injector blockage • Intake air flow meter • E.F.I. engine coolant temp. sensor • Fuel pressure • Open or short in A/F sensor circuit • A/F sensor • ECM	○	○

P0172/26 (05–185)	System too Rich (A/F Rich Malfunction)	• Injector leak, blockage • Intake air flow meter • E.F.I. engine temp. sensor • Ignition system • Fuel pressure • Open or short in A/F sensor circuit • Gas leakage on exhaust system • A/F sensor • ECM	○	○
P0300/93 (05–189)	Random/Multiple Cylinder Misfire Detected	• Open or short in engine wire • Connector connection • Vacuum hose connection • Ignition system • Injector • Fuel pressure • Intake air flow meter • E.F.I. engine coolant temp. sensor • Compression pressure • Valve clearance • Valve timing • ECM	○	○
P0301/93 (05–189)	Cylinder 1 Misfire Detected			
P0302/93 (05–189)	Cylinder 2 Misfire Detected			
P0303/93 (05–189)	Cylinder 3 Misfire Detected			
P0304/93 (05–189)	Cylinder 4 Misfire Detected			
P0325/52 (05–194)	Knock Sensor 1 Circuit Malfunction	• Open or short in knock sensor circuit • Knock control sensor (looseness) • ECM	○	○
P0335/12,13 (05–197)	Crankshaft Position Sensor Circuit Malfunction (NE Signal)	• Open or short in crankshaft position sensor circuit • Crank position sensor • Crankshaft position sensor plate No. 1 • ECM	○	○
P0340/12 (05–200)	Camshaft Position Sensor Circuit Malfunction (G Signal)	• Open or short in camshaft position sensor circuit • Camshaft position sensor • Intake camshaft • ECM	○	○
P0420/94 (05–202)	Catalyst System Efficiency Below Threshold	• Gas leakage on exhaust system • A/F sensor • Oxygen sensor • Exhaust manifold converter	○	○
P0443/94 (05–205)	Evaporative Emission Control System Purge Control Vent Control Malfunction	• Open or short in VSV circuit for EVAP • VSV for EVAP • ECM	○	○
P0500/42 (05–208)	Vehicle Speed Sensor Malfunction	• Combination meter • Open or short in vehicle speed sensor circuit • Vehicle speed sensor • ECM	○	○
P0505/33 (05–211)	Idle Control System Malfunction	• Throttle body assy • Air induction system • ECM	○	○
P1120/19 (05–215)	Accelerator Pedal Position Sensor Circuit Malfunction	• Open or short in accelerator pedal position sensor circuit • Accelerator pedal position sensor • ECM	○	○
P1121/19 (05–220)	Accelerator Pedal Position Sensor Range/Performance Problem	• Accelerator pedal position sensor • ECM	○	○
P1125/41 (05–221)	Throttle Control Motor Circuit Malfunction	• Open or short in throttle control motor circuit • Throttle body assy (throttle motor) • ECM	○	○

P1127/89 (05–224)	ETCS Actuator Power Source Circuit Malfunction	• ETCS actuator power source circuit malfunction • ECM	○	○
P1128/41 (05–226)	Throttle Control Motor Lock Malfunction	• Throttle body assy (throttle motor)	○	○
P1129/89 (05–227)	Electric Throttle Control System Malfunction	• Electric throttle control system malfunction • ECM	○	○
P1130/21 (05–228)	A/F Sensor Circuit Range/Performance Malfunction	• Open or short in A/F sensor circuit • A/F sensor • Air induction system • Fuel pressure • Injector • ECM	○	○
P1133/21 (05–232)	A/F Sensor Circuit Response Malfunction	• Open or short in A/F sensor circuit • A/F sensor • Air induction system • Fuel pressure • Injector • ECM	○	○
P1135/21 (05–235)	A/F Sensor Heater Circuit Malfunction	• Open or short in A/F sensor heater circuit • A/F sensor • E.F.I. ECU relay • ECM	○	○
P1300/14 (05–236)	Igniter Circuit Malfunction (No. 1)	• Ignition system • Open or short in IGF or IGT1 circuit from No. 1 ignition coil with igniter to ECM • No. 1 ignition coil with igniter • ECM	○	○
P1305/15 (05–236)	Igniter Circuit Malfunction (No. 2)	• Ignition system • Open or short in IGF or IGT2 circuit from No. 2 ignition coil with igniter to ECM • No. 2 ignition coil with igniter • ECM	○	○
P1310/14 (05–236)	Igniter Circuit Malfunction (No. 3)	• Ignition system • Open or short in IGF or IGT3 circuit from No. 3 ignition coil with igniter to ECM • No. 3 ignition coil with igniter • ECM	○	○
P1315/15 (05–236)	Igniter Circuit Malfunction (No. 4)	• Ignition system • Open or short in IGF or IGT4 circuit from No. 4 ignition coil with igniter to ECM • No. 4 ignition coil with igniter • ECM	○	○
P1335/13 (05–242)	Crankshaft Position Sensor Circuit Malfunction (During engine running)	• Same as DTC No. P0335	—	○
P1346/18 (05–243)	VVT Sensor/Camshaft Position Sensor Circuit Range/Performance Problem (Bank 1)	• Mechanical system (Jumping teeth of timing chain, chain stretched) • ECM	○	○
P1349/59 (05–244)	VVT System Malfunction (Bank 1)	• Valve timing • OCV • VVT controller assembly • ECM	○	○
P1520/51*2 (05–249)	Stop Light Switch Signal Circuit	• Open or short in stop light switch signal circuit • Stop light switch • ECM	○	○

P1600/96 (05–252)	Engine ECU BATT Malfunction	• Open in back up power source circuit • ECM	○	○
P1633/89 (05–255)	ECM Malfunction (ETCS circuit)	• ECM	○	○
P1656/39 (05–256)	OCV Circuit Malfunction	• Open or short in OCV circuit • OCV • ECM	○	○
P1780/97*2 (05–259)	Neutral Start Switch Malfunction	• Short in neutral start switch circuit • Neutral start switch • ECM	○	○

*1: ○ · · · CHK ENG (MIL) lights up. – · · · CHK ENG (MIL) does not light up.
*2: Only for A/T models.