05046–11

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 DTC check in the check mode, check the circuit for the codes listed in the table below. For details of each code, refer to the " See page" under the respective "DTC No." in the DTC chart.

DTC No. (See page)	Detection Item	Trouble Area	*1 CHK ENG	Memory
P0100/31 (05–101)	Mass or Volume Air Flow Circuit	• Open or short in mass air flow meter circuit • Mass air flow meter • ECM	○	○
P0110/24 (05–109)	Intake Air Temperature Circuit	• Open or short in intake air temperature sensor circuit • Intake air temperature sensor (built in mass air flow meter) • ECM	–	○
P0115/22 (05–115)	Engine Coolant Temperature Circuit	• Open or short in engine coolant temperature sensor circuit • Engine coolant temperature sensor • ECM	○	○
P0120/41 (05–121)	Throttle/Pedal Position Sensor/ Switch "A" Circuit	• Open or short in throttle position sensor circuit • Throttle position sensor • ECM	–	○
P0130/21 (05–127)	Oxygen Sensor Circuit (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • PCV hose • Air induction system • Fuel pressure • Heated oxygen sensor • Fuel injector • Gas leakage in exhaust system • ECM	–	○
P0135/21 (05–134)	Oxygen Sensor Heater Circuit (Bank 1 Sensor 1)	• Open or short in heater circuit of heated oxygen sensor • Heated oxygen sensor • ECM	–	○
P0325/52 (05–137)	Knock Sensor 1 Circuit (Bank 1 or Single Sensor)	• Open or short in knock sensor circuit • Knock sensor (looseness) • ECM	○	○
P0335/12 (05–140)	Crankshaft Position Sensor "A" Circuit	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Crankshaft timing sprocket No. 2 • ECM	○	○
P0335/13 (05–140)	Crankshaft Position Sensor "A" Circuit		○	○
P0339/13 (05–140)	Crankshaft Position Sensor "A" Circuit Intermittent		–	○
P0340/12 (05–144)	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	• Open or short in camshaft position sensor circuit • Camshaft position sensor • Camshaft • ECM	○	○
P0341/12 (05–144)	Camshaft position sensor "A" circuit Range/Performance (Bank 1 or Single Sensor)		○	○

P0351/14 (05–147)	Ignition Coil "A" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT1 – 4 circuit from ignition coil • Ignition coil No. 1 • ECM	○	○
P0352/15 (05–147)	Ignition Coil "B" Primary/Secondary Circuit		○	○
P0353/14 (05–147)	Ignition Coil "C" Primary/Secondary Circuit		○	○
P0354/15 (05–147)	Ignition Coil "D" Primary/Secondary Circuit		○	○
P0500/42 (05–154)	Vehicle Speed Sensor "A"	• Combination meter assy • Open or short in speed sensor circuit • Speed sensor • ECM • Skid control computer assy	○	○
P0511/33 (05–157)	Idle Air Control Circuit	• Open or short in ISC valve circuit • ISC valve is stuck or closed • Open or short in A/C switch circuit • Air induction system • ISC valve • ECM	○	○

*1: ○ ... Check engine warning light (CHK ENG) lights up, – ... Check engine warning light (CHK ENG) does not light up