054S5–08

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 (test) 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 CHE ENG	Memory
12 (05–212)	Engine Speed Sensor Circuit Malfunction 1 (TDC or G1 Circuit)	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • ECM	○	○
13 (05–215)	Engine Speed Sensor Circuit Malfunction 2 (NE Circuit)	• Open or short in engine speed sensor circuit • Engine speed sensor • ECM	○	○
14 (05–217)	Timing Control System Malfunction	• Open or short in timing control valve circuit • Timer control valve • Fuel filter (Clogging) • Fuel (Freezing, Air in) • Injection pump (Internal pressure and timer control valve) • ECM	○	○
15 (05–221)	Throttle Motor Circuit Malfunction	• Open or short throttle control motor circuit • Throttle control motor • Throttle valve • Venturi assy • ECM	○	○
17	Interior IC Malfunction	• ECM	○	○
18 (05–224)	Spill Control Circuit Malfunction	• Open or short in spill control valve circuit • Spill control valve • ECM	○	○
19 (1) (05–227)	Accel. Position Sensor Circuit (Open/Short)	• Open or short in accelerator pedal position sensor circuit • Accelerator pedal position sensor • ECM	○	○
19 (2) (05–233)	Accel. Position Sensor Circuit (IDL SW/Range)	• Open or short in accelerator pedal position sensor circuit • Accelerator pedal position sensor • ECM	○	○
22 (05–237)	Water Temperature Sensor Circuit Malfunction	• Open or short in engine coolant temp. sensor circuit • Engine coolant temperature sensor • ECM	○	○
23 (05–243)	Air Temperature Circuit Malfunction	• Open or short in intake air temp. sensor circuit • Intake air temperature sensor • ECM	–	○
32 (05–249)	Injection Pump System Malfunction	• Open or short injection pump correction unit circuit • Injection pump correction unit • ECM	–	○
35 (05–251)	Manifold Absolute Pressure/ Barometric Pressure Circuit Malfunction	• Open or short in intake air pressure sensor circuit • Manifold absolute pressure sensor • ECM	○	○
39 (05–256)	Fuel Temperature Sensor Circuit Malfunction	• Open or short in fuel temp. sensor circuit • Fuel temperature sensor • ECM	○	○
42 (05–262)	Vehicle Speed Sensor Signal Circuit Malfunction	• Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • ECM	○	○

51 (05–265)	Stop Light Switch Circuit Malfunction	• Open or short in stop light switch signal circuit • Stop light switch • ECM	–	○
99 *2	Engine Immobilizer System Malfunction	• Open or short in engine immobilizer system circuit • Transponder key amplifier • Transponder key computer • Transponder key coil • ECM	–	○

*1: – Check engine warning light does not light up.
○ Check engine warning light lights up.
*2: See Page 05–1787 Engine Immobilizer Section