DI9T7–02

DIAGNOSTIC TROUBLE CODE CHART

SAE CONTROLLED

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 that code listed in the table below. For details of each code, referr to under the ”See page ” under the respective ”DTC No.” in the DTC chart.

DTC No. (See Page)	Detection Item	Trouble Area	CHK ENG *1	Memory
P0100/31 (DI–156)	Air Flow Circuit Malfunction	• Open or short in air flow meter circuit • Air flow meter • Engine ECU	○	○
P0110/24 (★)	Intake Air Temp. Circuit Malfunction	• Open or short in intake air temp. sensor circuit • Intake air temp. sensor • Engine ECU	–	○
P0115/22 (★)	Water Temp. Circuit Malfunction	• Open or short in water temp. sensor circuit • Water temp. sensor • Engine ECU	○	○
P0120/41 (★)	Throttle Position Sensor circuit Malfunction	• Open or short in throttle position sensor circuit • Throttle position sensor • Engine ECU	–	○
P0130/21,28 (★)	Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 1)	• Open or short in oxygen sensor circuit • Oxygen sensor • Engine ECU	–	○
P0135/21,28 (★)	Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)	• Open or short in heater circuit of oxygen sensor • Oxygen sensor • Engine ECU	–	○
P0171/25 (★)	System too Lean (Air– Fuel Ration Lean Malfunction, Bank 1)	• Air intake (hose loose) • Fuel line pressure • Injector blockage • Open or short in oxygen sensor circuit • Oxygen sensor malfunction • Air flow meter • Water temp. sensor	–	○
P0325/52 (★)	Knock Sensor Circuit Malfunction	• Open or short in knock sensor circuit • Knock sensor (looseness) • Engine ECU	○	○
P0335/12 (★)	Crankshaft Position Sensor Circuit Malfunction	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Starter • Engine ECU	○	○
P0340/12 (★)	Camshaft Position Sensor Circuit Malfunction	• Open or short in camshaft position sensor circuit • Camshaft position sensor • Starter • Engine ECU	○	○

*1: ○ · · · Check engine warning light (CHK ENG) lights up.

– · · · Check engine warning light (CHK ENG) does not lights up.

DTC No. (See Page)	Detection Item	Trouble Area	CHK ENG *1	Memory
P0500/42 (★)	Vehicle Speed Sensor Circuit Malfunction	• Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • Engine ECU	○	○
P0505/33 (★)	Idle Control System Malfunction	• ISC valve is stuck or closed • Open or short in ISC valve circuit • Air intake (hose loose) • A/C signal circuit	○	○
P1300/14,15 P1310/14,15 (★)	Igniter Circuit Malfunction	• Open or short in IGF or IGT circuit from igniter to ECU • Ignition • Engine ECU	○	○
P1335/13 (★)	Crankshaft Position Sensor Circuit Malfunction (during idling)	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Starter • Engine ECU	–	○

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

★: Refer 1RZ, 1RZ–E, 2RZ–FE, 3RZ–F, 3RZ–FE Engine Repair Manual Supplement (See Pub. No. RM584E), Using the following table, troubled parts can be specified.