DI31P–05

DTC	13	Engine Speed Sensor Circuit Malfunction (NE Circuit)

CIRCUIT DESCRIPTION

Refer to DTC 12 on page DI–19.

DTC No.	DTC Detecting Condition	Trouble Area
13	No NE signal to engine ECU for 0.5 sec. or more at 680 rpm or more	• Open or short in engine speed sensor circuit • Engine speed sensor • Engine ECU

WIRING DIAGRAM

Refer to DTC 12 on page DI–19.

INSPECTION PROCEDURE

1	Check resistance of engine speed sensor (See page ED–20).

NG → Replace injection pump assembly.

OK

2	Check for open and short in harness and connector between engine ECU and engine speed sensor (See page IN–20).

NG → Repair or replace harness or connector.

OK

3	Inspect engine speed sensor installation.

NG → Tighten engine speed sensor.

OK

Check and replace engine ECU (See page IN–20).