DTC	C 1203 / 53, 59	Engine and ECT ECU Communication Circuit Malfunction

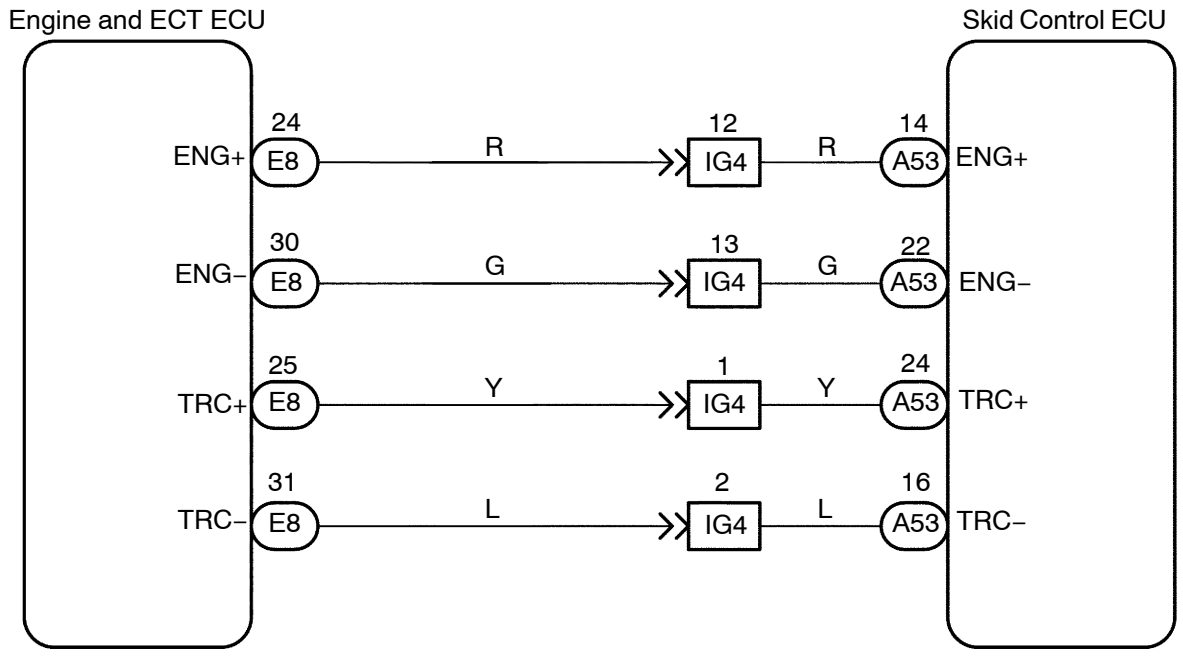
CIRCUIT DESCRIPTION

The circuit is used to send TRC & VSC control information from the skid control ECU to the engine and ECT ECU (TRC+, TRC –), and engine control information from the engine and ECT ECU to the skid control ECU (ENG+, ENG –).

DTC No.	DTC Detecting Condition	Trouble Area
C1203 / 53, 59	Either of the following 1. or 2. continues for 5 sec.: 1. ECU IG1 terminal voltage is 9.5 V to 17.0 V and data transmission to the engine and ECT ECU is impossible. 2. ECU IG1 terminal voltage is 9.5 V to 17.0 V, engine speed is 500 rpm or more or vehicle speed is 60 km/h (36 mph) or more and data receiving from the engine and ECT ECU is impossible.	• TRC+ or TRC – circuit • ENG+ or ENG – circuit • Engine and ECT ECU

WIRING DIAGRAM

LHD:



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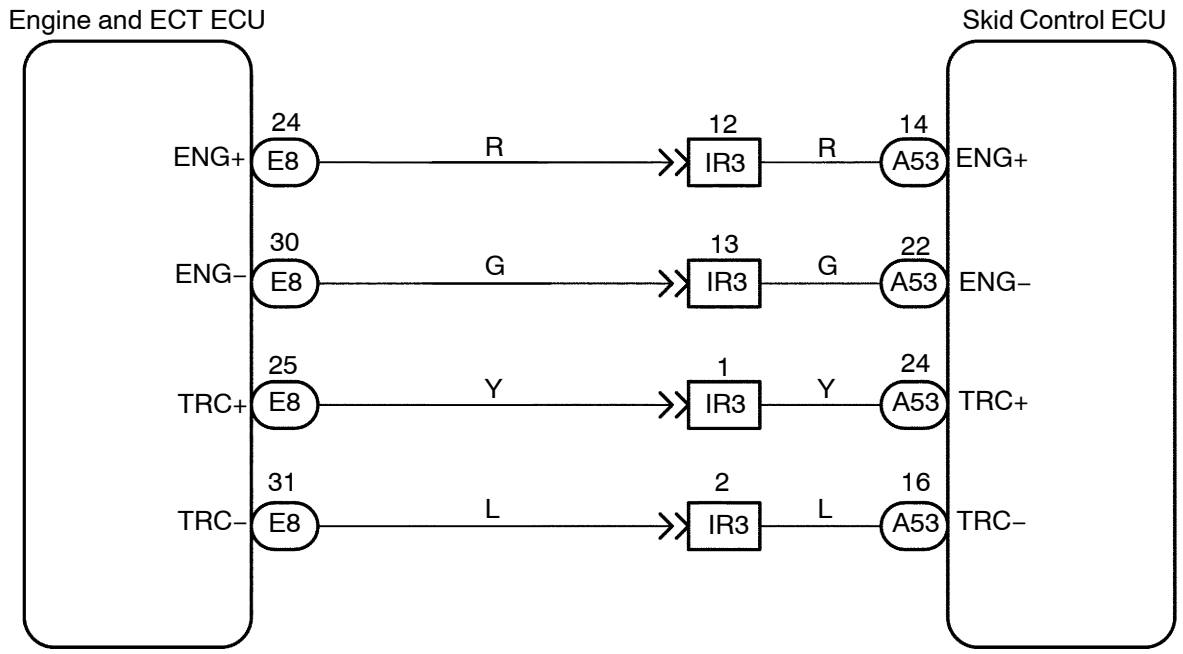
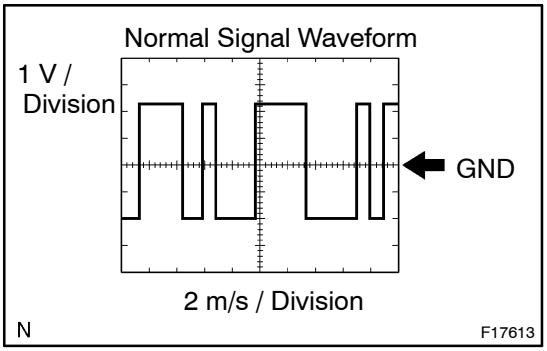
LHD:



INSPECTION PROCEDURE

1	**Check skid control ECU communication.**

(REFERENCE) INSPECTION USING OSCILLOSCOPE



PREPARATION:

(a) Remove the skid control ECU.

(b) Connect the oscilloscope to the each of terminals ENG+ or TRC+ and GND of the skid control ECU.

CHECK:

Start the engine, and check the signal waveform.

NG → **Check and replace skid control ECU.**

OK

2	**Check for open and short circuit in harness and connector between each of terminals ENG+, ENG–, TRC+, TRC– of skid control ECU and engine and ECT ECU (See page IN–38).**

NG → **Repair or replace harness or connector.**

OK

Check and replace engine and ECT ECU.