

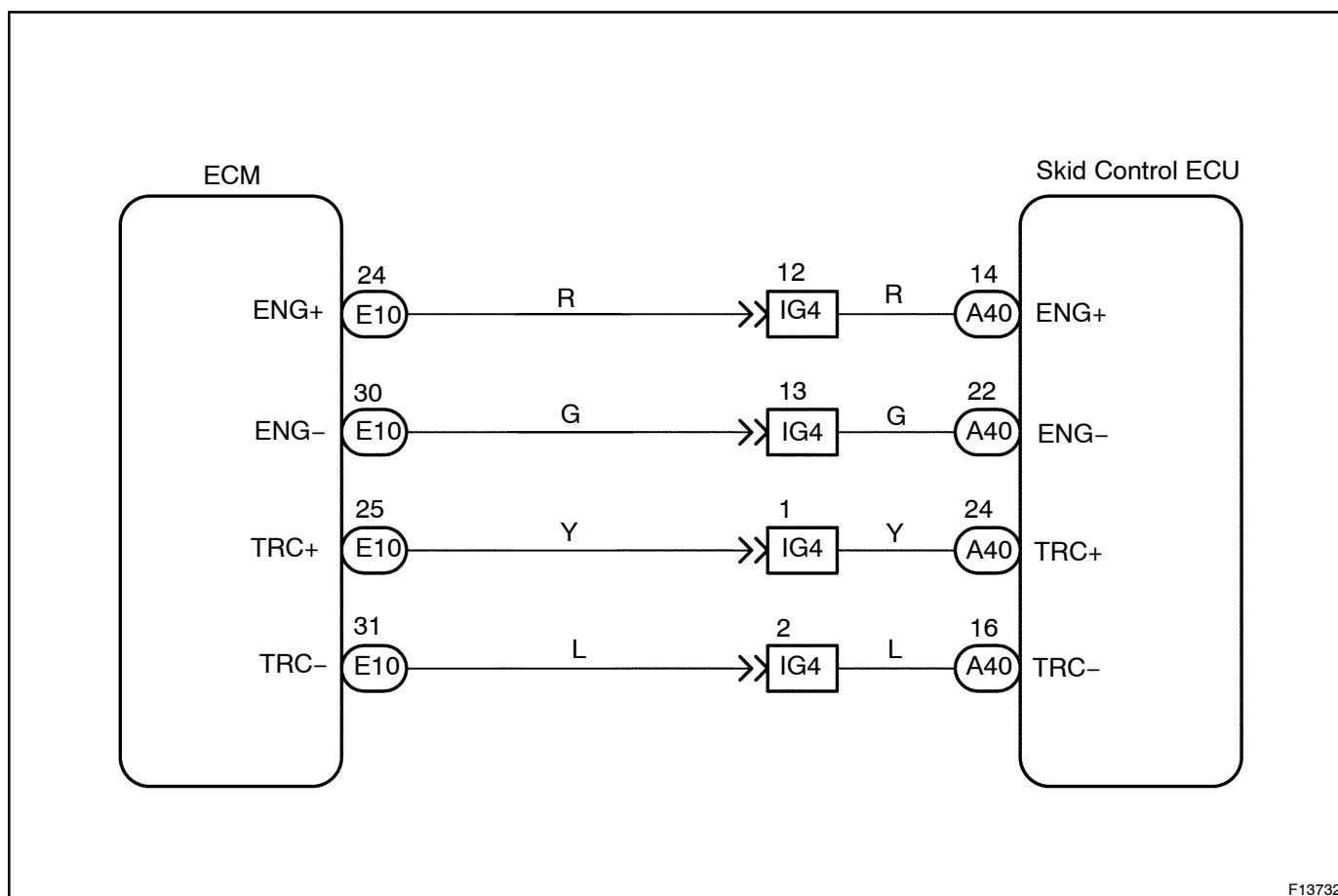
DTC	C1291 / 48	VGRS ECU Communication Circuit Malfunction
------------	-------------------	---

CIRCUIT DESCRIPTION

The circuit is used to send TRAC & VSC control information from the skid control ECU to the VGRS ECU (VSC+, VSC-), and VGRS control information from the VGRS ECU to the skid control ECU (AFS+, AFS-).

DTC No.	DTC Detecting Condition	Trouble Area
C1203 / 53	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 VGRS ECU is impossible. 2. ECU IG1 terminal voltage is 9.5 V to 17.0 V and data receiving from the VGRS ECU is impossible.	•AFS+ or AFS – circuit •VSC+ or VSC– circuit •VGRS ECU

WIRING DIAGRAM

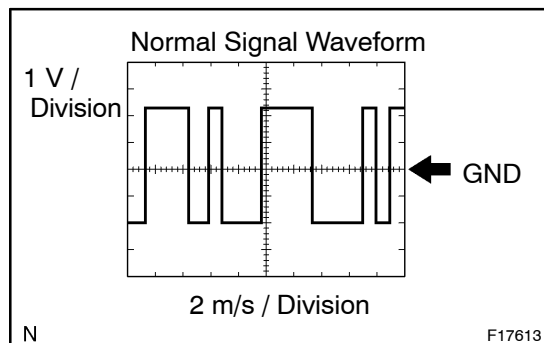


F13732

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 AFS+ or VSC+ 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 AFS+, AFS-, VSC+, VSC- of skid control ECU and VGRS ECU (See page IN-36).
----------	--

NG

Repair or replace harness or connector.

OK

Check and replace VGRS ECU.