DI5XN–01

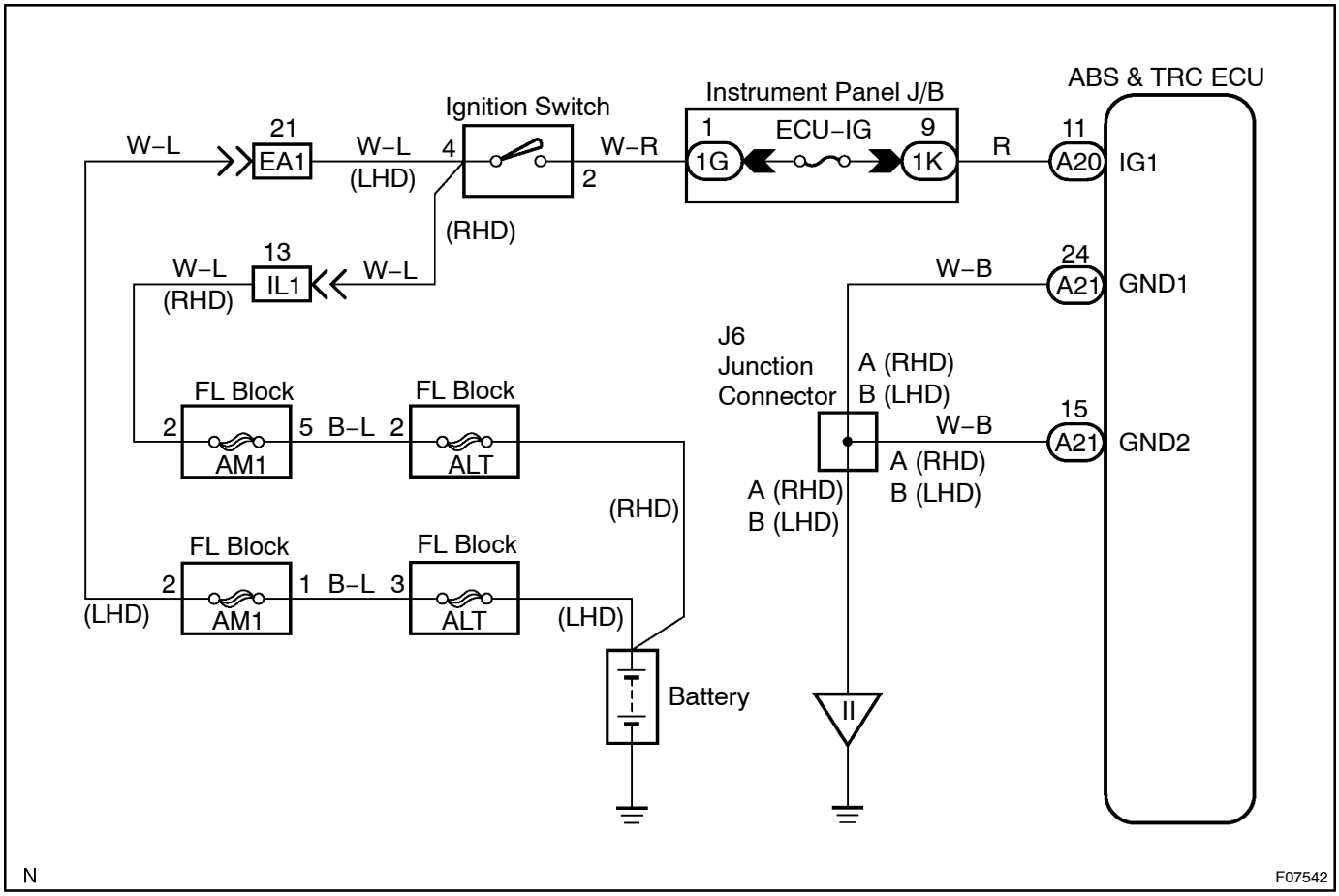
DTC	Always ON	ABS & TRC ECU Malfunction

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Either of the following 1., 2. or 3. is detected: 1. Voltage of ECU terminal IG1 remains at more than 17 V. 2. The ECU connectors are off from the ECU. 3. There is a malfunction in the ECU internal circuit.	• Battery • Charging system • Power source circuit • ABS & TRC ECU

Fail safe function:
If any trouble occurs in the ECU, the ECU cuts off current to the ABS solenoid relay and prohibits ABS controls and the brake system becomes normal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check that the ABS & TRC ECU connectors are securely connected to the ABS & TRC ECU.

NO → Connect the connector to the ABS & TRC ECU.

YES

2	Is DTC output?

Check DTC on page DI–153.

YES → Repair circuit indicated by the code output.

NO

3	Is normal code displayed?

YES → Check ABS solenoid relay. Check for short circuit in harness and connector between relay and check connector (See page IN–30).

NO

4	Does ABS warning light go off?

YES → Check for open and short circuit in harness and connector between ECU–IG fuse and ABS & TRC ECU (See page IN–30).

NO

5	**Check battery positive voltage.**

CHECK:

Check the battery positive voltage.

OK:

Voltage: 10 – 14 V

NG → **Check and repair the charging system.**

OK

Check for short circuit in harness and connector between combination meter and ABS & TRC ECU, combination meter and check connector (See page IN–30).
Check ABS solenoid relay circuit (See page DI–163).