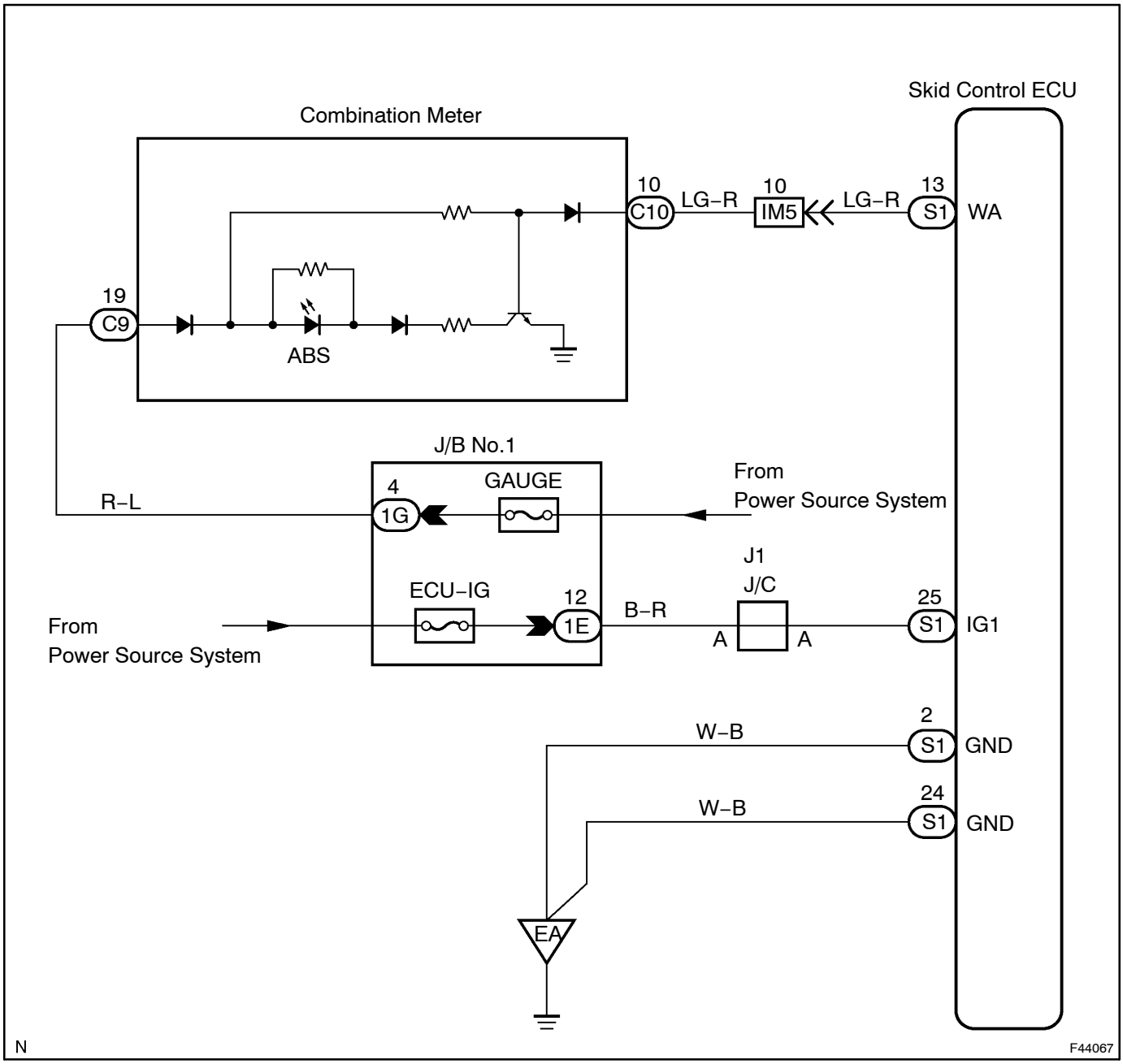
DTC	AlwaysON	MALFUNCTION IN ABS ECU

CIRCUIT DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
Always ON	Detection of any conditions in 1. and 2.: 1. Skid control ECU internal malfunction is detected 2. There is a malfunction in the ECU internal circuit	• Battery • Charging system • Skid control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK SKID CONTROL ECU CONNECTOR SECURELY CONNECTED

NG → CONNECT CONNECTOR TO ECU

OK

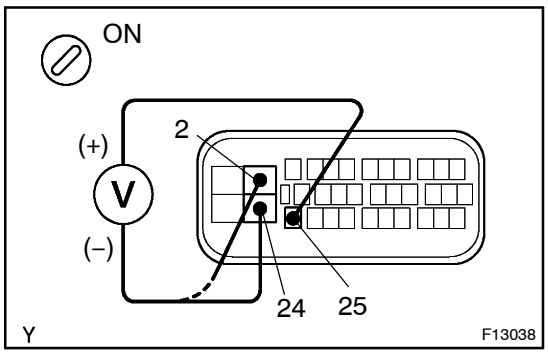
2	RECONFIRM DTC

A	Normal Code
B	Malfunction Code

B → REPAIR CIRCUIT INDICATED BY OUTPUT CODE

A

3	CHECK VOLTAGE OF ECU IG POWER SOURCE



(a) Disconnect the skid control ECU connector.
(b) Turn the ignition switch ON.
(c) Measure the voltage between terminals 25 and 2 or 24 of the skid control ECU connector.
OK: 10 – 14 V

NG → CHECK AND REPLACE HARNESS AND CONNECTOR

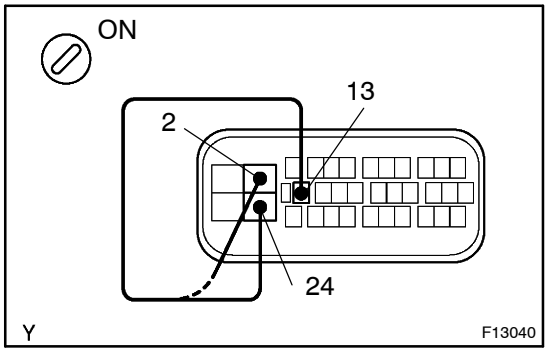
OK

4	CHECK ABS WARNING LIGHT

In case of using the hand–held tester:

(a) Select the item ”ABS WARN LIGHT” in the ACTIVE TEST and operate the ABS warning light on the hand–held tester.

(b) Check that ”ON” and ”OFF” operation of the ABS warning light can be done on the combination meter by the hand–held tester.



In case of not using the hand–held tester:

(a) Disconnect the skid control ECU connector.

(b) Using a service wire, connect terminal WA (13) and GND (2 or 24) of the skid control ECU connector.

(c) Turn the ignition switch ON.

OK: ABS warning light turns off

OK → **CHECK AND REPLACE BRAKE ACTUATOR ASSY**

NG

CHECK AND REPLACE HARNESS AND CONNECTOR