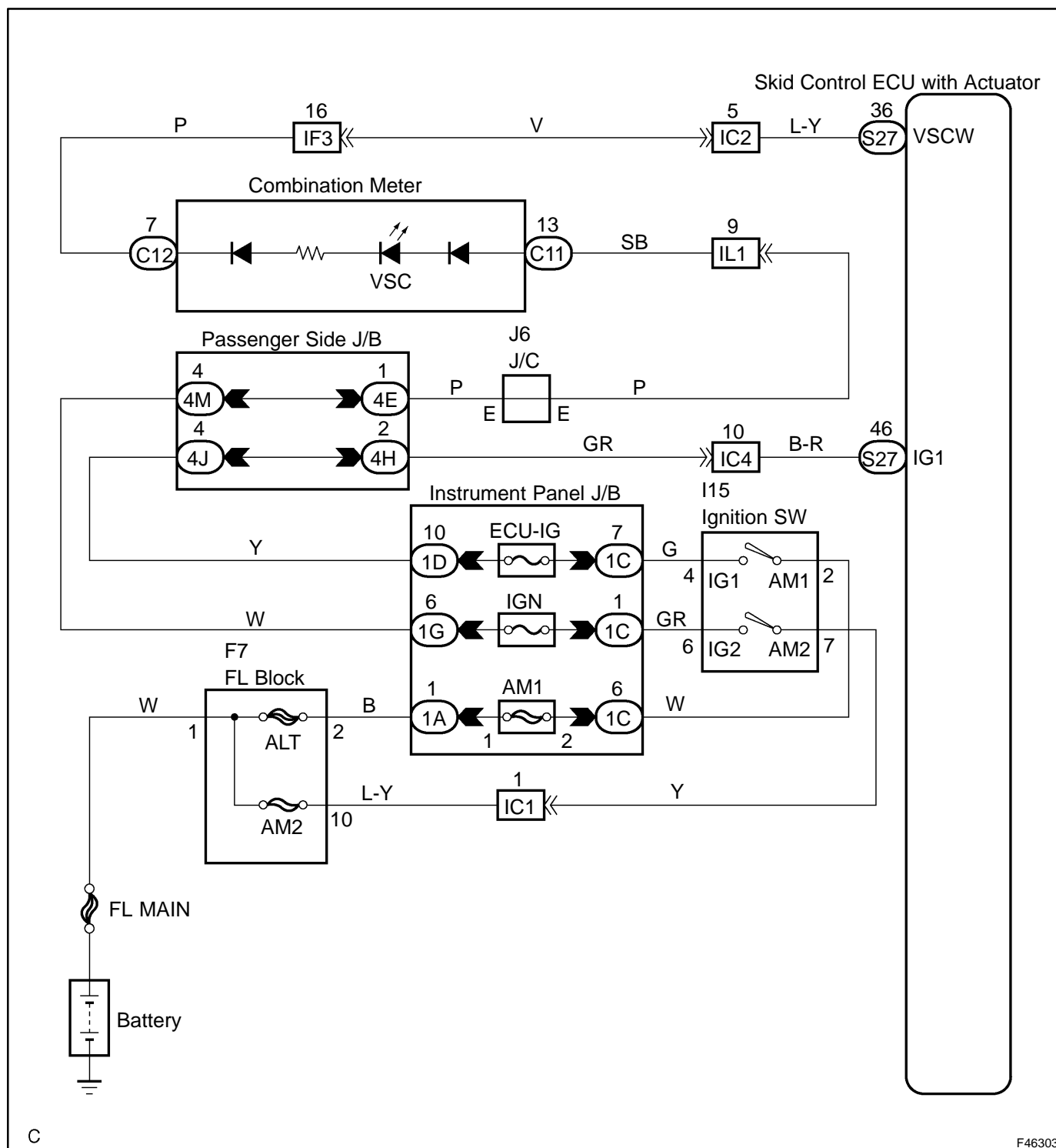


VSC WARNING LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

If the ECU stores DTC, the VSC warning light comes on in the combination meter.

WIRING DIAGRAM



F46303

INSPECTION PROCEDURE**1 CHECK DTC**

(a) Is DTC output for ABS and VSC?

DTC is not output	A
DTC is output	B

B**REPAIR CIRCUIT INDICATED BY OUTPUT CODE****A****2 INSPECT CHECK IF SKID CONTROL ECU CONNECTOR IS SECURELY CONNECTED****NG****CONNECT CONNECTOR TO ECU****OK****3 INSPECT BATTERY**

(a) Check the battery voltage.

Standard:

Tester Connection	Specified Condition
Battery terminal (+) - (-)	11 to 14 V

NG**INSPECT CHARGING SYSTEM (SEE PAGE
[19-12](#) (2AZ-FE) OR [19-36](#) (3MZ-FE))****OK**

4 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)

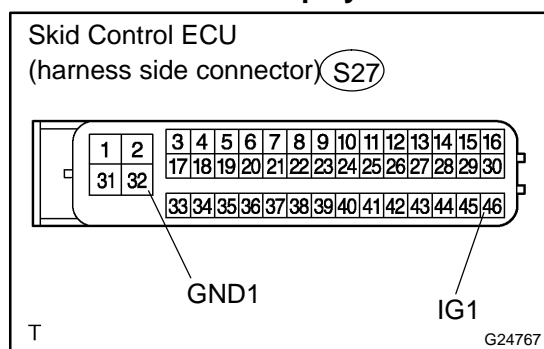
WHEN USING HAND-HELD TESTER:

- Connect the hand-held tester to the DLC3.
- Start the engine.
- Select the DATA LIST mode on the hand-held tester.
- Check the voltage condition output from the ECU displayed on the hand-held tester.

Item	Measurement Item / Range (Display)	Normal Condition
IG VOLTAGE	ECU power supply voltage / TOO LOW / NORMAL	NORMAL: 9.5 V or over UNDER: Below 9.5 V

OK:

"Normal" is displayed.



WHEN NOT USING HAND-HELD TESTER:

- Disconnect the skid control ECU connector.
- Turn the ignition switch to the ON position.
- Measure the voltage according to the value(s) in the table below.

Standard:

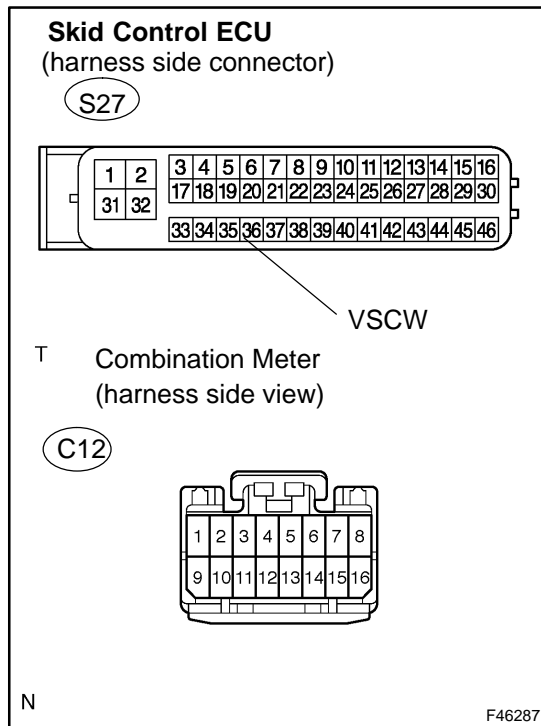
Tester Connection	Specified Condition
S27-46 (IG1) - S27-32 (GND1)	11 to 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

5 CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - COMBINATION METER)



- (a) Disconnect the skid control ECU connector and combination meter connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
C12 - 7 - S27-36 (VSCW)	Below 1 Ω

- (c) Measure the resistance according to the value(s) in the table below.

Standard:

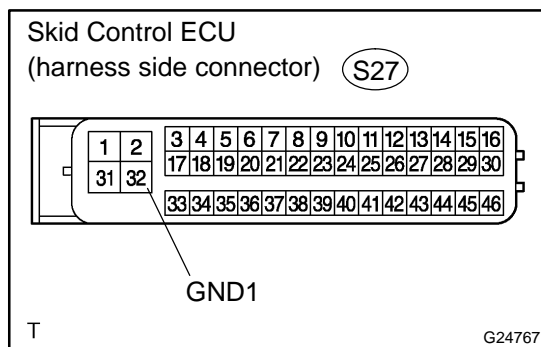
Tester Connection	Specified Condition
S27-36 (VSCW) - Body ground	10 k Ω or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6 CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - BODY GROUND)



- (a) Disconnect the skid control ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S27-32 (GND1) - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-37)