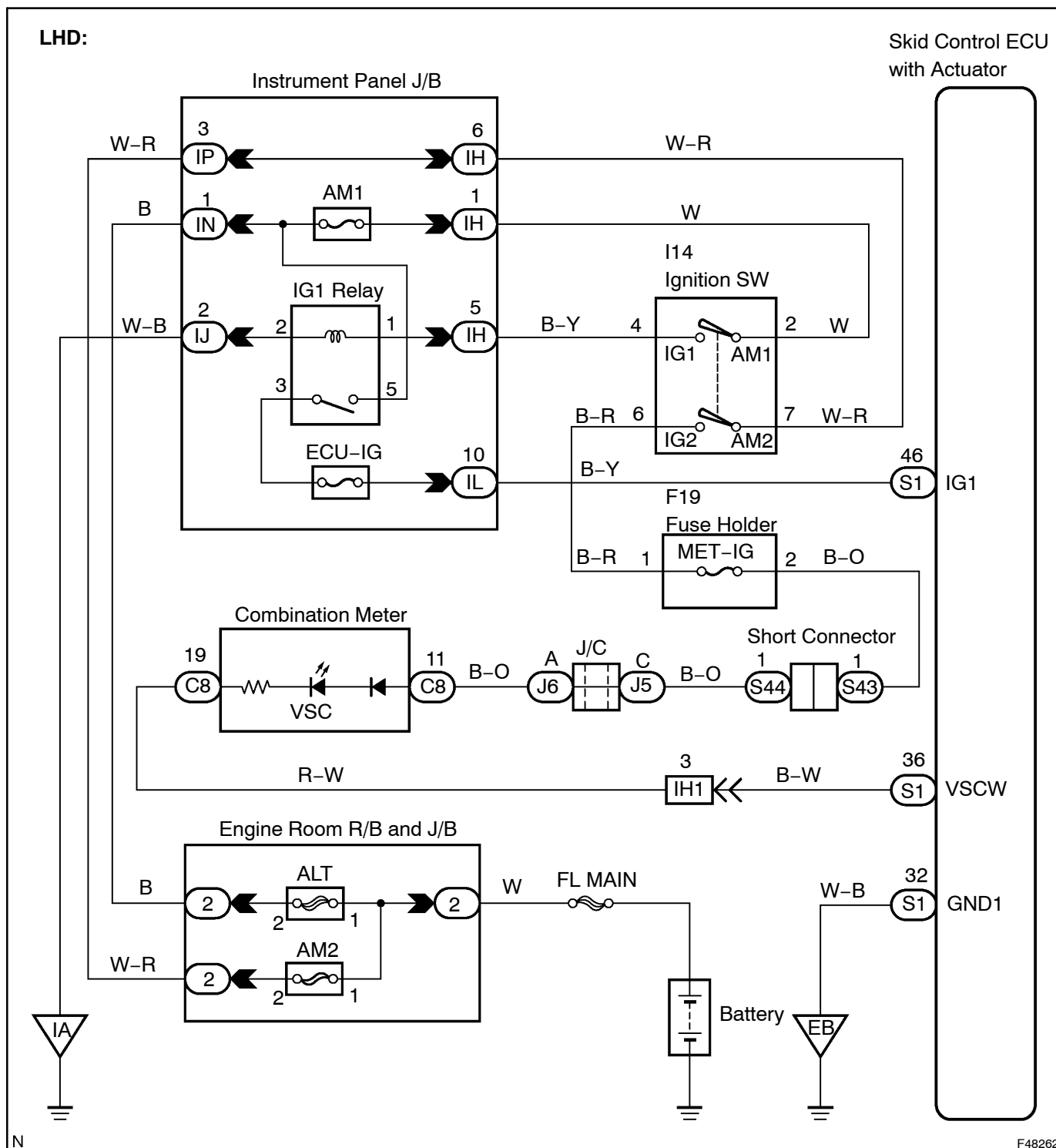


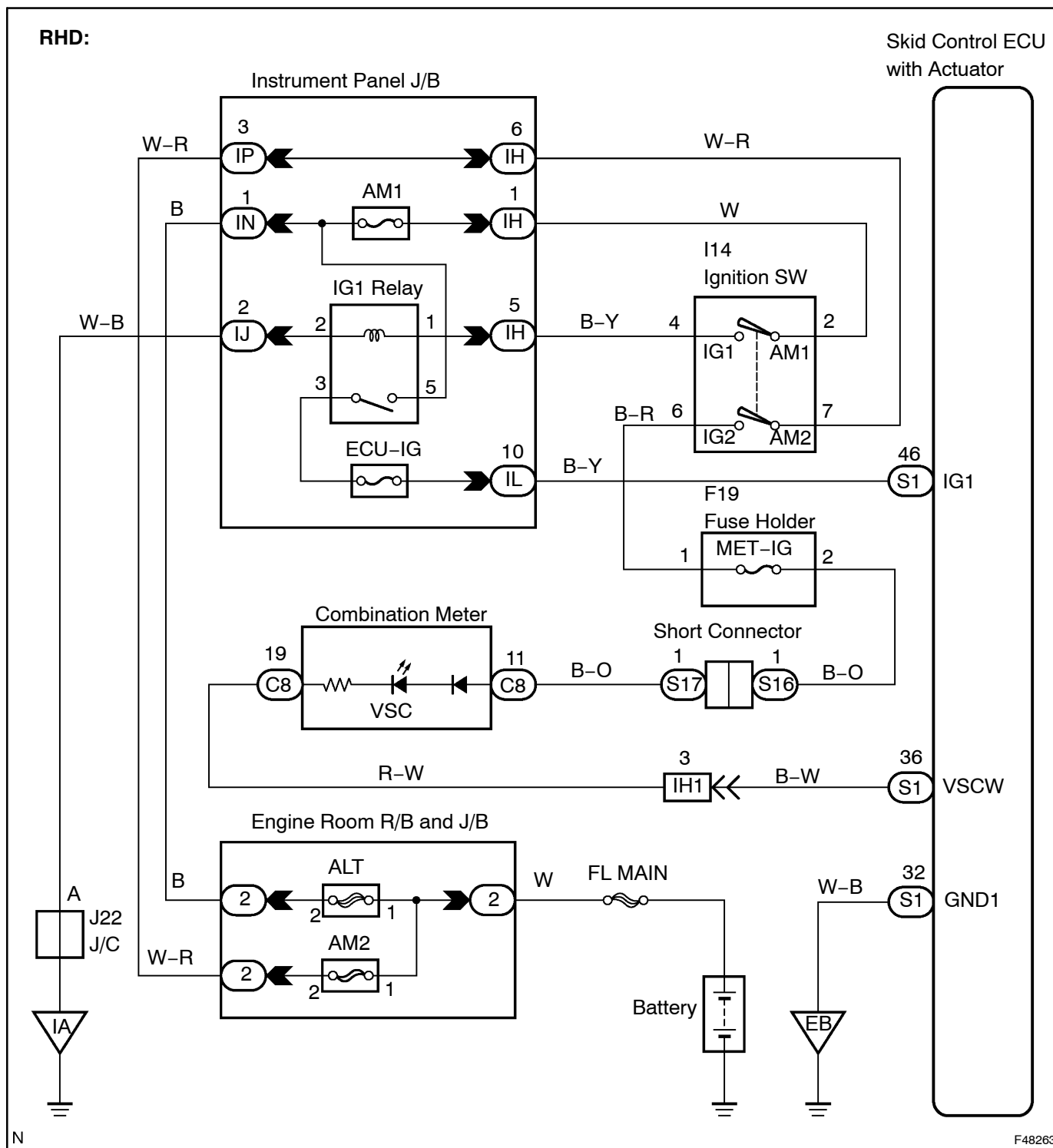
VSC WARNING LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

If the ECU stores DTCs, the VSC warning lamp comes on in the combination meter.

WIRING DIAGRAM





INSPECTION PROCEDURE

1 CHECK DTC

- (a) Is DTC output for the ABS and VSC?

Result:

DTC is not output	A
DTC is output	B

B

REPAIR CIRCUIT INDICATED BY OUTPUT CODE

A

2 INSPECT SKID CONTROL ECU CONNECTOR

- (a) Check the ECU connector's connecting condition.

OK:

The connector should be securely connected.

NG

CONNECT CONNECTOR TO ECU CORRECTLY

OK

3 INSPECT BATTERY

- (a) Check the battery voltage.

Standard:

Voltage: 11 to 14 V

NG

INSPECT CHARGING SYSTEM

OK

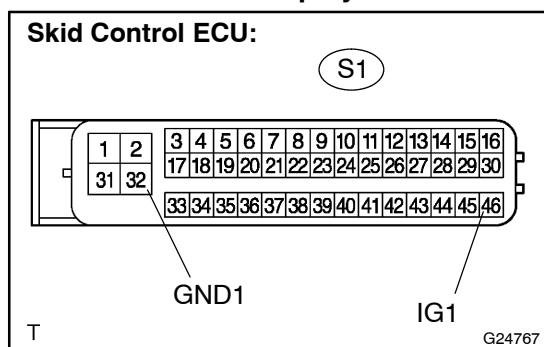
4	INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)
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WHEN USING INTELLIGENT TESTER II:

- (a) Connect the intelligent tester II to the DLC3.
- (b) Start the engine.
- (c) Select the DATA LIST mode on the intelligent tester II.

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

- (d) Check the voltage condition output from the ECU displayed on the intelligent tester II.

OK:**"Normal" is displayed.****WHEN NOT USING INTELLIGENT TESTER II:**

- (a) Disconnect the skid control ECU S1 connector.
- (b) Turn the ignition switch to the ON position.
- (c) Measure the voltage according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-46 (IG1) - S1-32 (GND1)	11 to 14 V

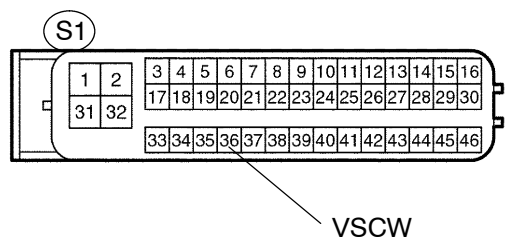
NG

REPAIR OR CONNECTOR	REPLACE HARNESS OR
--------------------------------	---------------------------

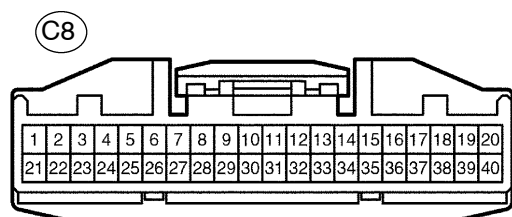
OK

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

Skid Control ECU:



Combination Meter:



P

F48261

- Disconnect the skid control ECU S1 connector and combination meter connector.
- Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-36 (VSCW) - C8-19	Below 1 Ω
S1-36 (VSCW) - Body ground	10 kΩ or higher

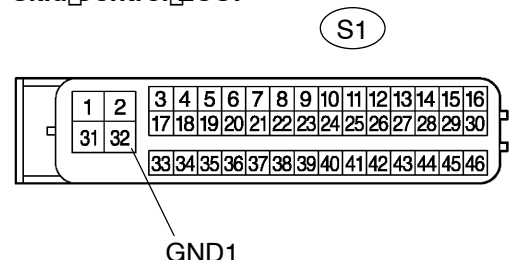
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

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

Skid Control ECU:



T

G24767

- Disconnect the skid control ECU S1 connector.
- Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S1-32 (GND1) - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-20)

NOTICE:

When replacing the ABS & TRACTION actuator assy, perform zero point calibration (see page 05-610).