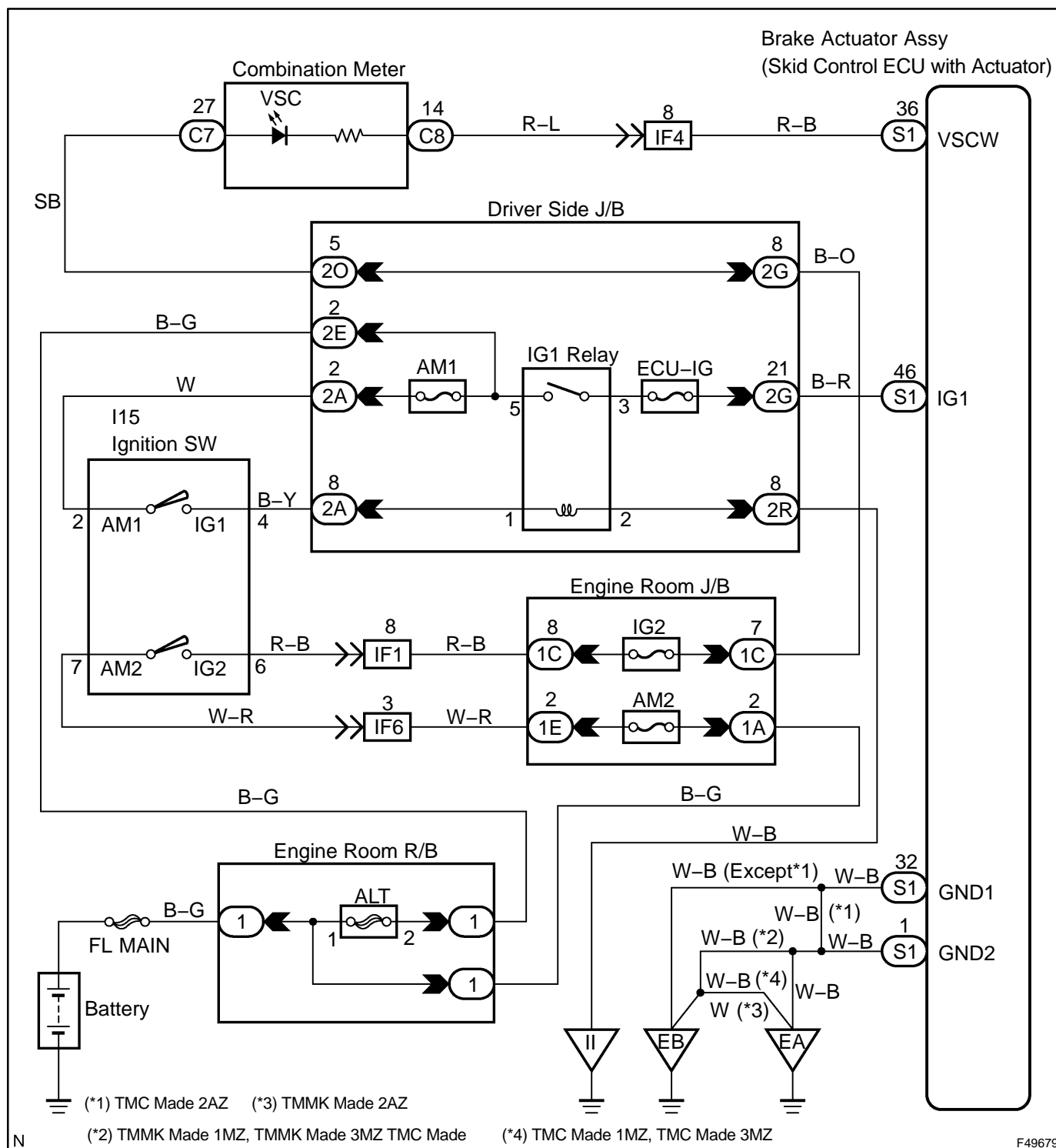


## VSC WARNING LIGHT CIRCUIT (REMAINS ON)

### CIRCUIT DESCRIPTION

If the ECU stores DTC, the VSC warning light lights up on the combination meter.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

### NOTICE:

When replacing the brake actuator assy, perform zero point calibration (see page 05-987).

1	CHECK DTC (SEE PAGE 05-1002)
---	------------------------------

A	Normal System Code
B	Malfunction Code

**B**

REPAIR CIRCUIT INDICATED BY OUTPUT DTC  
(SEE PAGE 05-1010)

**A**

2	CHECK IF SKID CONTROL ECU CONNECTOR IS SECURELY CONNECTED
---	---

**NG**

CONNECT CONNECTOR TO ECU

**OK**

3	INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)
---	---

### WHEN USING HAND-HELD TESTER:

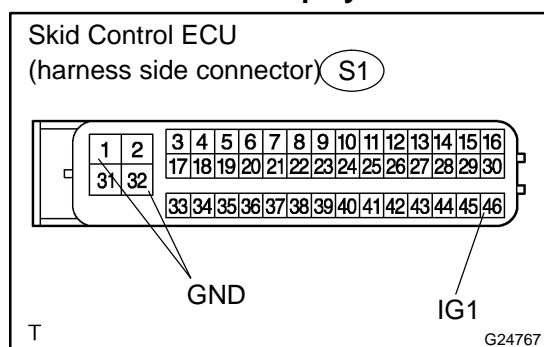
- Connect the hand-held tester to the DLC3.
- Start the engine.
- Select DATA LIST mode on the hand-held tester.

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

- Check the voltage condition output from the ECU displayed on the hand-held tester.

**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
S1-46 (IG1) - S1-1 (GND2)	10 to 14 V
S1-46 (IG1) - S1-32 (GND1)	10 to 14 V

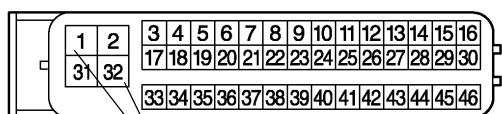
**OK**

Go to step 5

**NG**

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

Skid Control ECU

(harness side connector) **S1**

GND

T

G24767

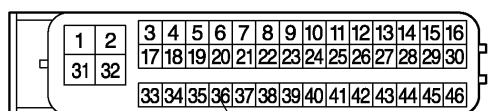
- (a) Disconnect the skid control ECU connector S1.  
 (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Specified Condition
S1-1 (GND2) - Body ground	Below 1 $\Omega$
S1-32 (GND1) - Body ground	Below 1 $\Omega$

**NG****REPAIR OR REPLACE HARNESS OR CONNECTOR (GND CIRCUIT)****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR (IG1 CIRCUIT)****5 INSPECT HARNESS AND CONNECTOR(SKID CONTROL ECU - COMBINATION METER)**

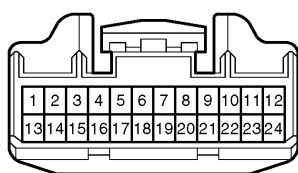
Skid Control ECU

(harness side connector) **S1**

VSCW

T

Combination Meter

(harness side connector) **C8**

N

F46258

- (a) Disconnect the skid control ECU connector S1 and combination meter connector C8.  
 (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Specified Condition
S1-36 (VSCW) - C8-14	Below 1 $\Omega$

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

**Standard:**

Tester Connection	Specified Condition
S1-36 (VSCW) - Body ground	10 k $\Omega$ or higher

**NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****6 CHECK COMBINATION METER ASSY**

- (a) Check the combination meter assy (see page 71-1).

**NG****REPAIR OR REPLACE COMBINATION METER ASSY (SEE PAGE 05-1999)****OK****REPLACE BRAKE ACTUATOR ASSY (SEE PAGE 32-63)**