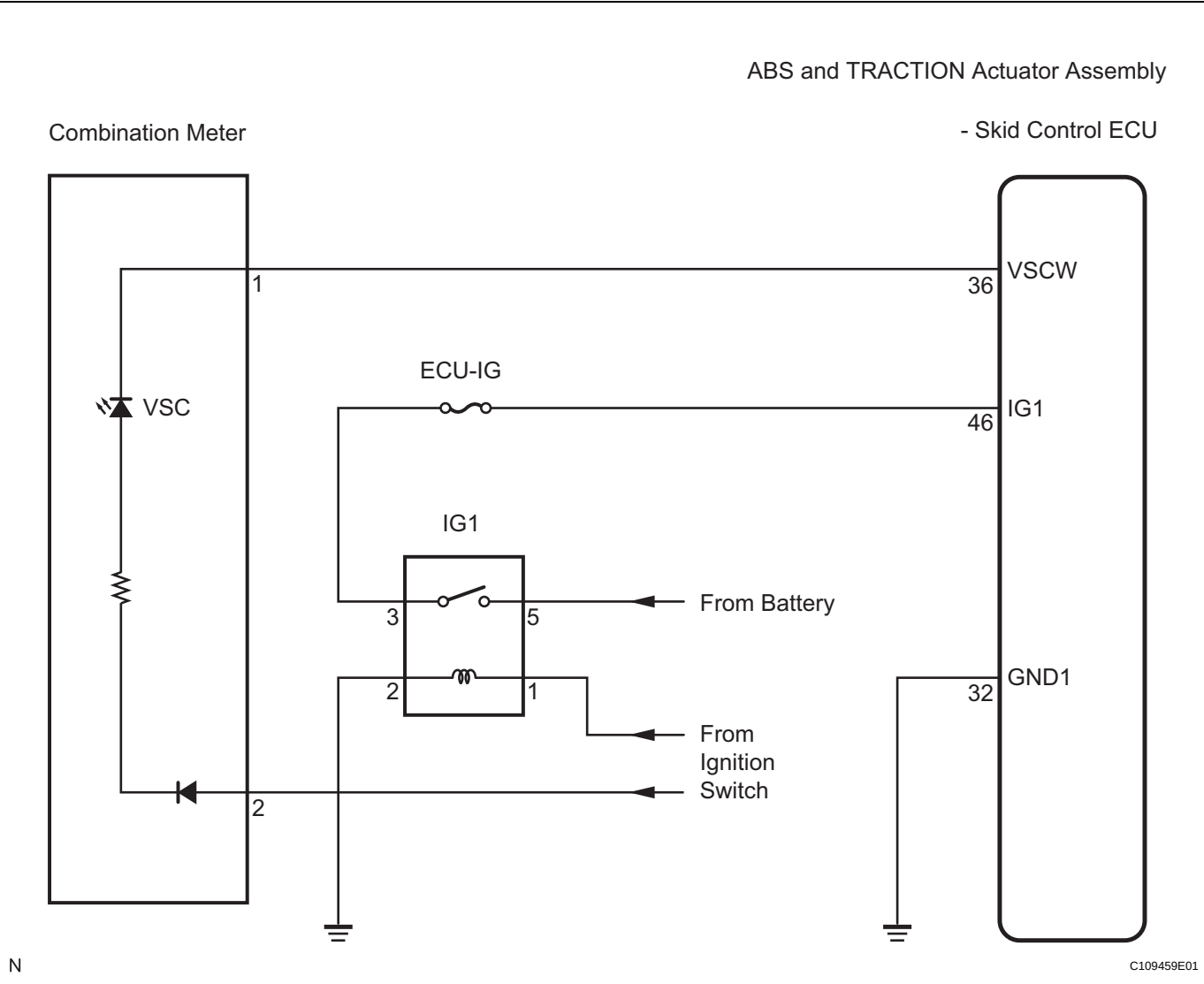


VSC Warning Light Remains ON

DESCRIPTION

If the ECU stores DTCs to shut down VSC and TRAC operation, the VSC warning light comes on in the combination meter.

WIRING DIAGRAM



BC

INSPECTION PROCEDURE

NOTICE:

When replacing the ABS and TRACTION actuator assembly, perform zero point calibration (See page [BC-80](#)).

1	CHECK DTC
---	-----------

(a) Is DTC output for ABS and VSC?

Result

Condition	Proceed to
DTC is not output	A

Condition	Proceed to
DTC is output	B

B

REPAIR CIRCUIT INDICATED BY OUTPUT DTC

A

2

INSPECT SKID CONTROL ECU CONNECTOR SECURELY CONNECTED

- (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 (IG1 TERMINAL)

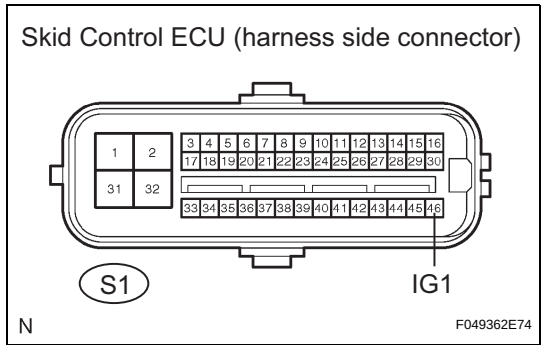
- (a) WHEN USING INTELLIGENT TESTER:
- (1) Connect the intelligent tester to the DLC3.
 - (2) Start the engine.
 - (3) Select the DATA LIST mode on the intelligent tester.

Item	Measurement Item / Range (Display)	Normal Condition
IG VOLTAGE	ECU power supply voltage / TOO LOW / NORMAL / TOO HIGH	TOO LOW: 9.5 V or less NORMAL: 9.5 to 14.0 V TOO HIGH: 14.0 V or more

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

OK:

"Normal" is displayed.



- (b) WHEN NOT USING INTELLIGENT TESTER:
- (1) Disconnect the skid control ECU connector.
 - (2) Turn the ignition switch to the ON position.
 - (3) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection	Condition	Specified Condition
S1-46 (IG1) - Body ground	IG switch ON	10 to 14 V

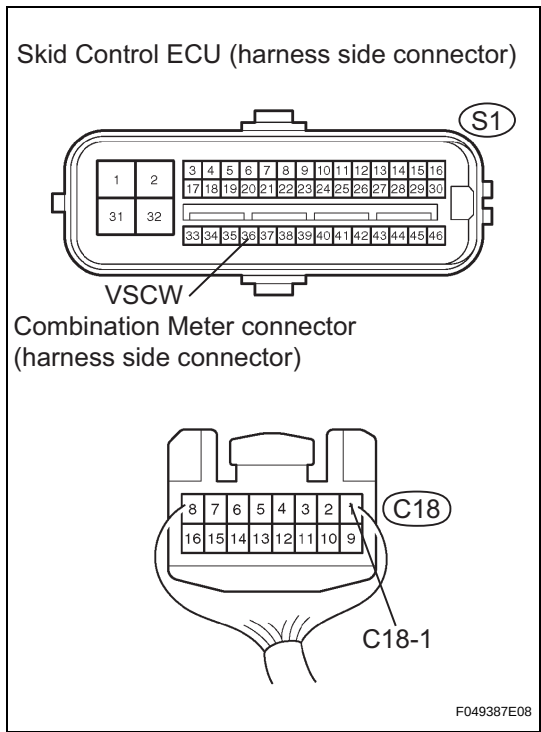
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR (IG1 CIRCUIT)

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 resistance

Tester Connection	Specified Condition
C18-1 - S1-36 (VSCW)	Below 1 Ω

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

Standard resistance

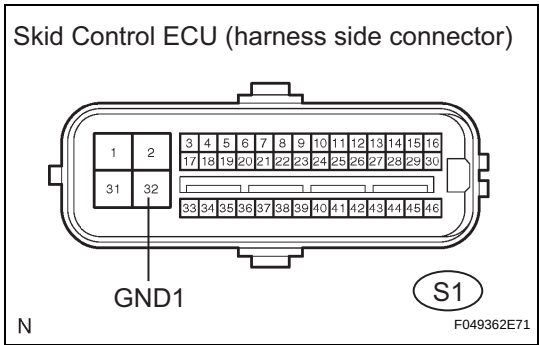
Tester Connection	Specified Condition
S1-36 (VSCW) - Body ground	10 k Ω or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6 INSPECT SKID CONTROL ECU (GND TERMINAL)



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

Standard resistance

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

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR (GND CIRCUIT)

OK

7 INSPECT COMBINATION METER ASSEMBLY

- Check combination meter assembly (See page [ME-3](#)).

NG

REPLACE COMBINATION METER ASSEMBLY

OK

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY