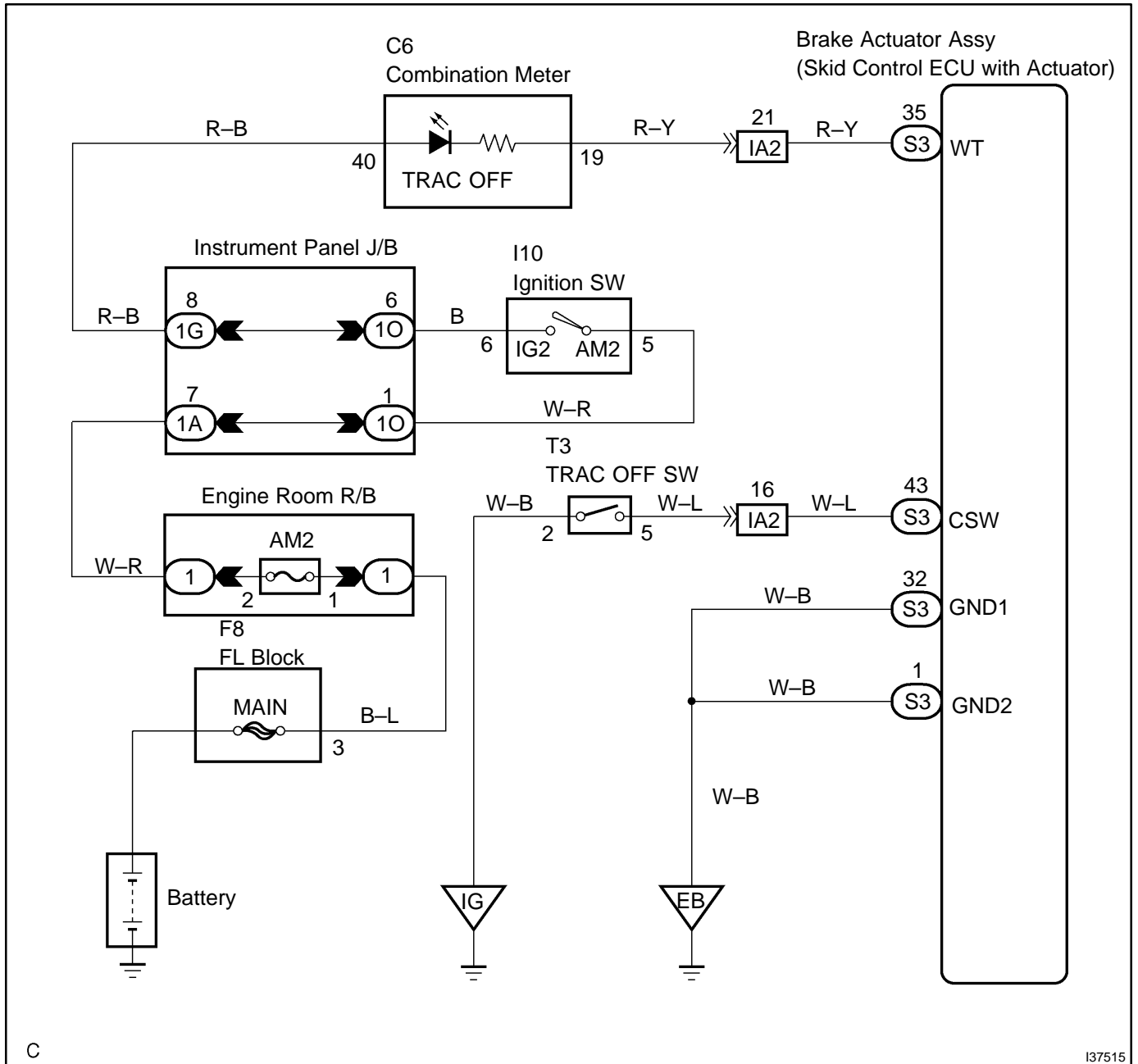


# TRAC OFF INDICATOR LIGHT, TRAC OFF SWITCH CIRCUIT

## CIRCUIT DESCRIPTION

This is the TRAC control main switch. When the TRAC control switch is pushed on, TRAC control goes off and the TRAC OFF indicator lights up. Turn the ignition switch off, TRAC control surely comes on when the ignition switch turns ON next time.

## WIRING DIAGRAM



C

I37515

## INSPECTION PROCEDURE

**HINT:**

Start the inspection from step 1 in case of using the hand-held tester and start from step 2 in case of not using the hand-held tester.

<b>1</b>	<b>PERFORM ACTIVE TEST BY HAND-HELD TESTER (TRAC OFF INDICATOR LIGHT)</b>
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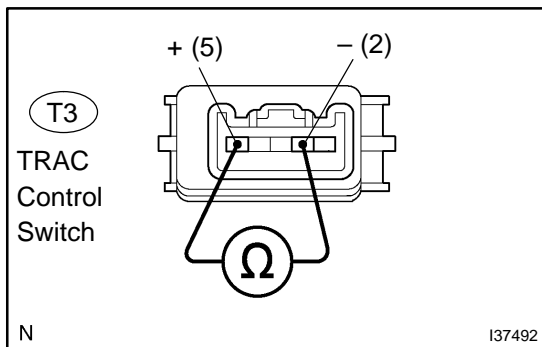
- (a) Connect the hand-held tester to the DLC3.
- (b) Start the engine.
- (c) Select the item "TRAC OFF LIGHT" in the ACTIVE TEST and operate the TRAC OFF indicator light on the hand-held tester.
- (d) Check that "ON" and "OFF" of the TRAC OFF indicator light can be shown on the combination meter with the hand-held tester.

Item	Vehicle Condition / Test Details	Diagnostic Note
VSC / TRC OFF IND	Turns VSC / TRAC OFF indicator ON / OFF	Observe combination meter

**NG** → **Go to step 4**

**OK**

<b>2</b>	<b>INSPECT TRACTION CONTROL SWITCH</b>
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- (a) Remove TRAC control switch.
- (b) Disconnect TRAC control switch connector.
- (c) Measure the resistance according to the value(s) in the table below.

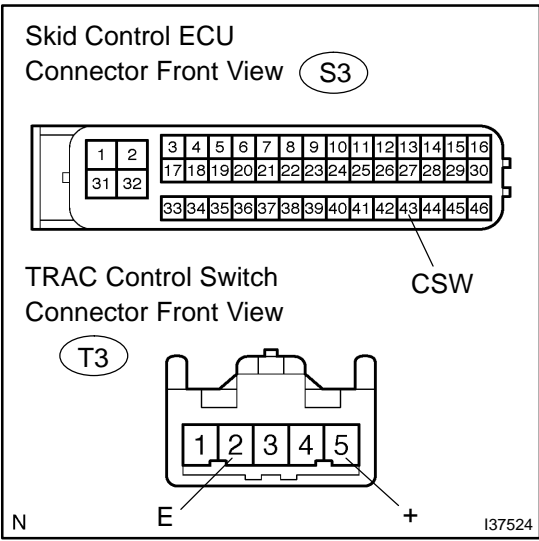
**Standard:**

Tester Connection	Switch Condition	Specified Condition
+(T3-5) -- (T3-2)	Pushed in (ON)	1 Ω or less
	Released (OFF)	10 kΩ or higher

**NG** → **REPLACE TRACTION CONTROL SWITCH**

**OK**

**3 CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU – TRAC OFF SWITCH)**



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

**Standard:**

Tester Connection	Specified Condition
CSW (S3-43) – +(T3-5)	1 Ω or less
CSW (S3-43) – Body ground	10 kΩ or higher
E (T3-2) – Body ground	1 Ω or less

**NG REPAIR OR REPLACE HARNESS OR CONNECTOR**

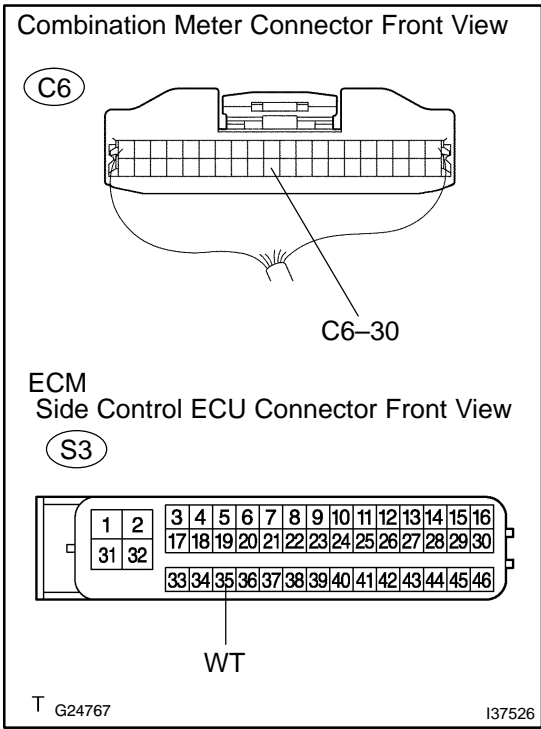
**OK**

**REPLACE BRAKE ACTUATOR ASSY (See page 32-39)**

**NOTICE:**

When replacing the brake actuator assy, perform the zero point calibration (See page 05-279).

**4 CHECK HARNESS AND CONNECTOR(COMBINATION METER – SKID CONTROL ECU)**



- (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
WT (S3-35) – (C6-30)	1 Ω or less

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

**Standard:**

Tester Connection	Specified Condition
WT (S3-35) – Body ground	10 kΩ or higher

**NG REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPAIR OR REPLACE COMBINATION METER ASSEMBLY**