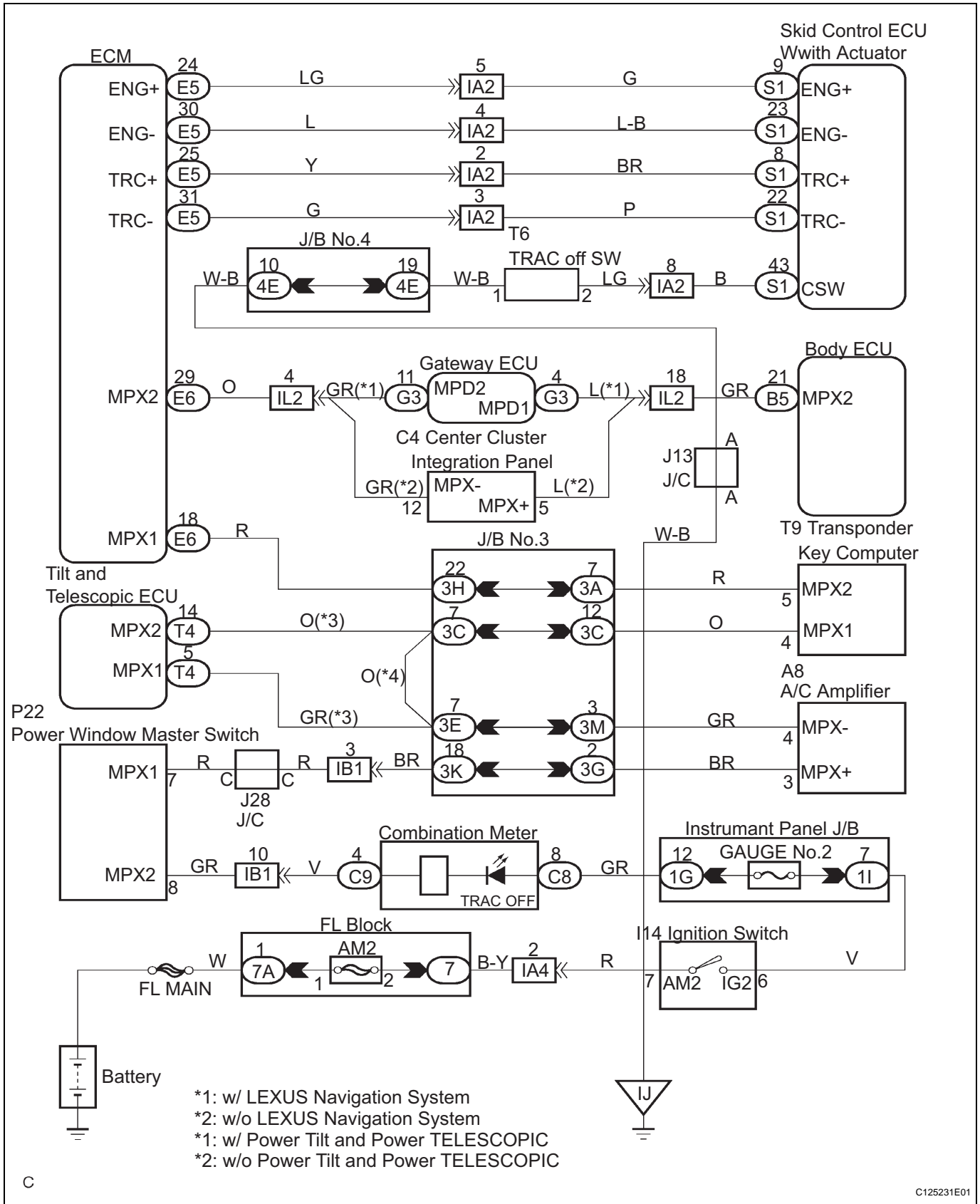


TRAC OFF Indicator Light, TRAC OFF Switch Circuit**DESCRIPTION**

The skid control ECU detects the TRAC control main switch ON/OFF signal and turns the TRAC OFF light on/off. When the TRAC control switch is pressed, the TRAC control does not operate and the TRAC OFF light comes on.

WIRING DIAGRAM



HINT:

Start the inspection from step 1 when using the intelligent tester and start from step 2 when not using the intelligent tester.

1 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (TRAC OFF INDICATOR LIGHT)

- (a) Connect the intelligent 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 intelligent tester.

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

- (d) Check that "ON" and "OFF" of the TRAC OFF indicator light are indicated on the combination meter when using the intelligent tester.

OK:

Turn the TRAC OFF indicator light on or off in accordance with the intelligent tester.

NG → **Go to step 4**

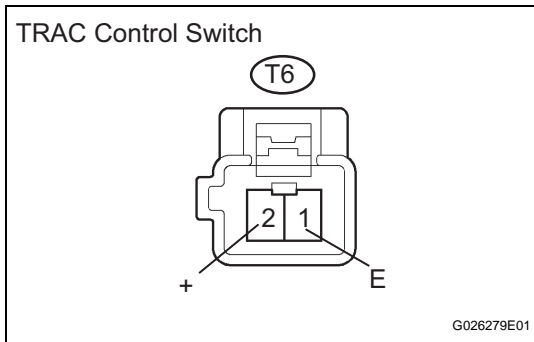
OK

2 INSPECT TRACTION CONTROL SWITCH

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

Resistance

Tester Connection	Switch Condition	Specified Condition
T6-2 (+) - T6-1 (E)	Pushed in (ON)	Below 1 Ω
T6-2 (+) - T6-1 (E)	Released (OFF)	10 kΩ or higher

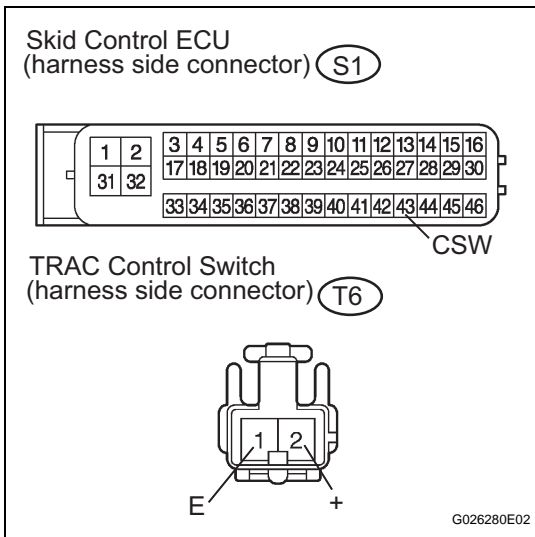


NG → **REPLACE TRACTION CONTROL SWITCH**

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.

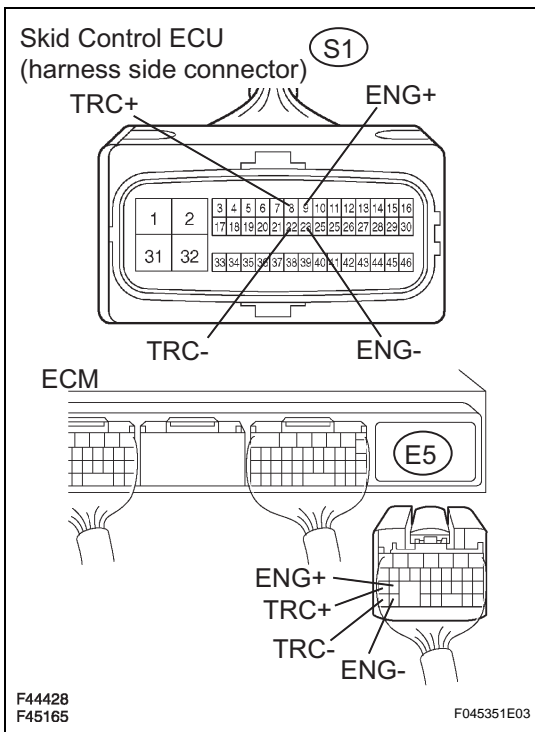
Resistance

Tester Connection	Specified Condition
S1-43 (CSW) - T6-2 (+)	Below 1 Ω
S1-43 (CSW) - Body ground	10 kΩ or higher
T6-1 (E) - Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4 CHECK HARNESS AND CONNECTOR (ECM - SKID CONTROL ECU)



(a) Disconnect the skid control ECU connector S1 and ECM connector E5.

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

Resistance

Tester Connection	Specified Condition
S1-8 (TRC+) - E5-25 (TRC+)	Below 1 Ω
S1-22 (TRC-) - E5-31 (TRC-)	Below 1 Ω
S1-9 (ENG+) - E5-24 (ENG+)	Below 1 Ω
S1-23 (ENG-) - E5-30 (ENG-)	Below 1 Ω

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

Resistance

Tester Connection	Specified Condition
S1-8 (TRC+) - Body ground	10 kΩ or higher
S1-22 (TRC-) - Body ground	10 kΩ or higher
S1-9 (ENG+) - Body ground	10 kΩ or higher
S1-23 (ENG-) - Body ground	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

5 INSPECT COMBINATION METER ASSEMBLY

(a) Check if the indicators (fuel, turn signal) other than TRAC OFF indicator operate normally.

Result

Result	Proceed to
Indicators OK	A
Indicators NG	B

B

CHECK COMBINATION METER ASSEMBLY
(COMBINATION METER POWER SOURCE
CIRCUIT)

A

REPAIR OR REPLACE COMBINATION METER ASSEMBLY