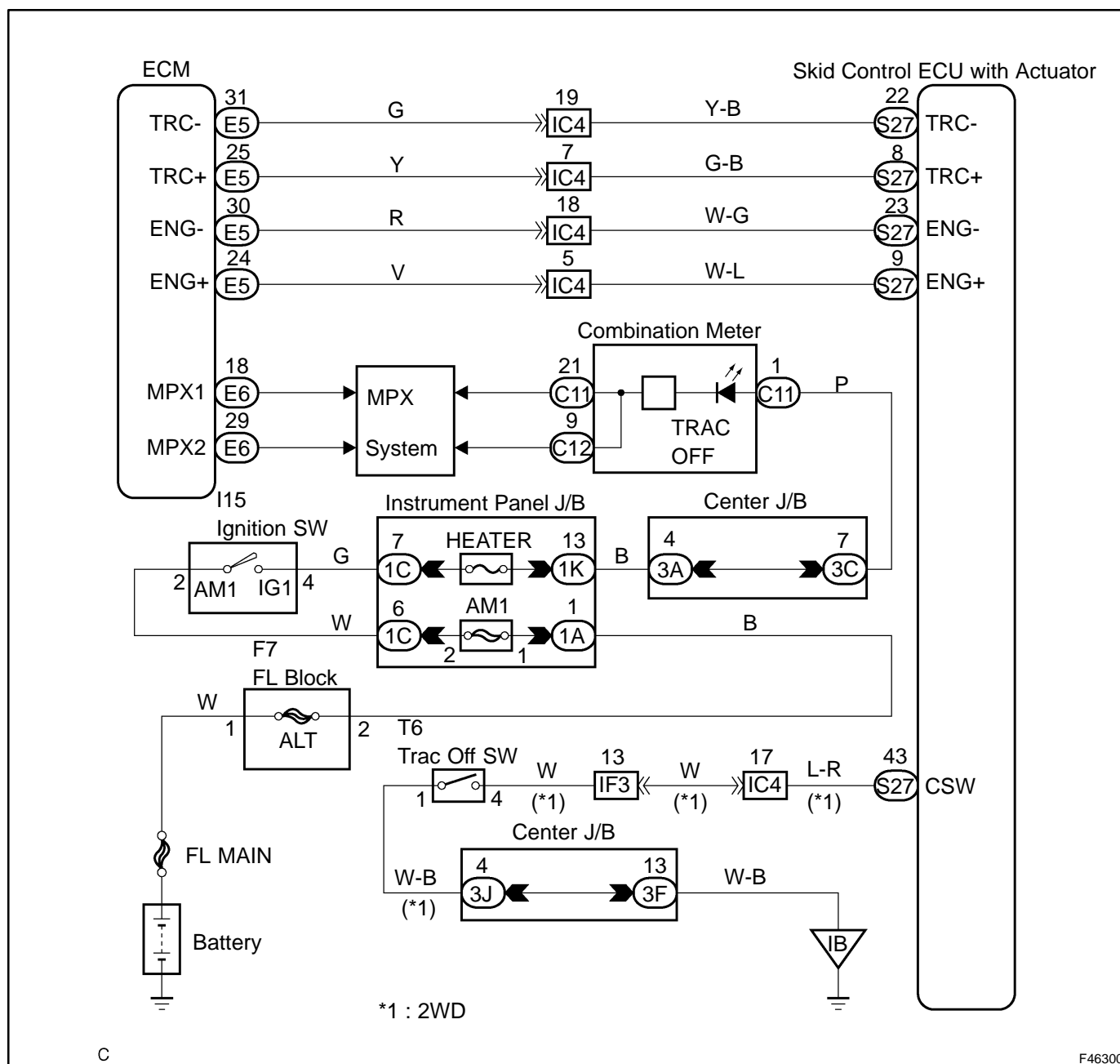


TRAC OFF INDICATOR LIGHT, TRAC OFF SWITCH CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

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

1 PERFORM ACTIVE TEST BY HAND-HELD TESTER(TRAC OFF INDICATOR LIGHT)

- Connect the hand-held tester to the DLC3.
- Start the engine.
- Select the item "TRAC OFF LIGHT" in the ACTIVE TEST and operate the TRAC OFF indicator light on the hand-held tester.

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

- Check that "ON" and "OFF" of the TRAC OFF indicator light are indicated on the combination meter when using the hand-held tester.

OK:

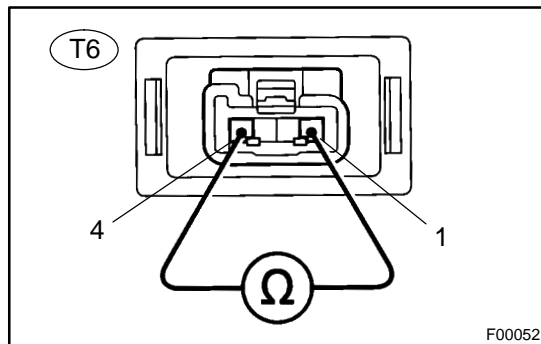
Turn the TRAC OFF indicator light on or off in accordance with the hand-held tester.

NG

Go to step 6

OK

2 INSPECT TRACTION CONTROL SWITCH



- Remove the TRAC control switch.
- Disconnect the TRAC control switch connector T6.
- Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Switch Condition	Specified Condition
T6-4 - T6-1	Pushed in (ON)	Below 1 Ω
	Released (OFF)	10 k Ω or higher

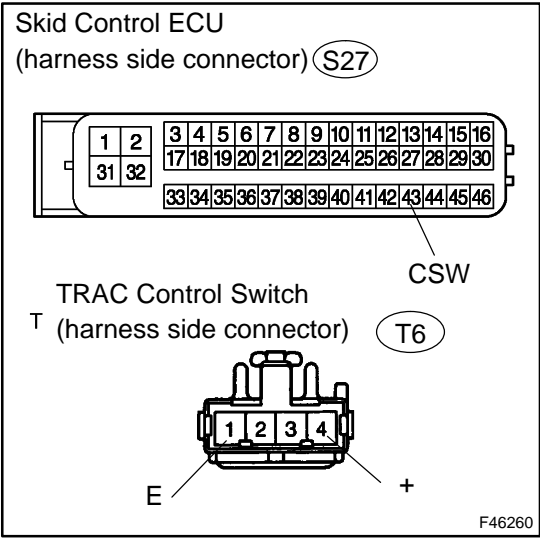
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REPLACE TRACTION CONTROL SWITCH

OK

3

CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - TRAC OFF SWITCH)



- (a) Disconnect the skid control ECU connector S27 and the TRAC control switch connector T6.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S27-43 (CSW) - T6-4 (+)	Below 1 Ω
S27-43 (CSW) - Body ground	10 k Ω or higher
T6-1 (E) - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

INSPECT MULTIPLEX COMMUNICATION SYSTEM (SEE PAGE 05-2040)

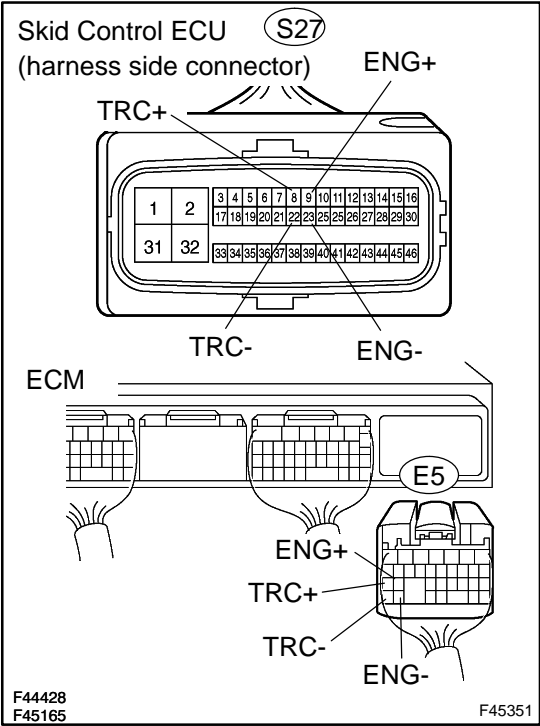
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REPAIR MULTIPLEX COMMUNICATION SYSTEM

OK

5

CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - ECM)



- (a) Disconnect the skid control ECU connector S27 and ECM connector E5.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
S27-8 (TRC+) - E5-25 (TRC+)	Below 1 Ω
S27-22 (TRC-) - E5-31 (TRC-)	
S27-9 (ENG+) - E5-24 (ENG+)	
S27-23 (ENG-) - E5-30 (ENG-)	

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

Standard:

Tester Connection	Specified Condition
S27-8 (TRC+) - Body ground	10 k Ω or higher
S27-22 (TRC-) - Body ground	
S27-9 (ENG+) - Body ground	
S27-23 (ENG-) - Body ground	

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6

INSPECT COMBINATION METER ASSEMBLY (SEE PAGE 05-1868)

NG

REPAIR OR REPLACE COMBINATION METER ASSEMBLY

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-37)