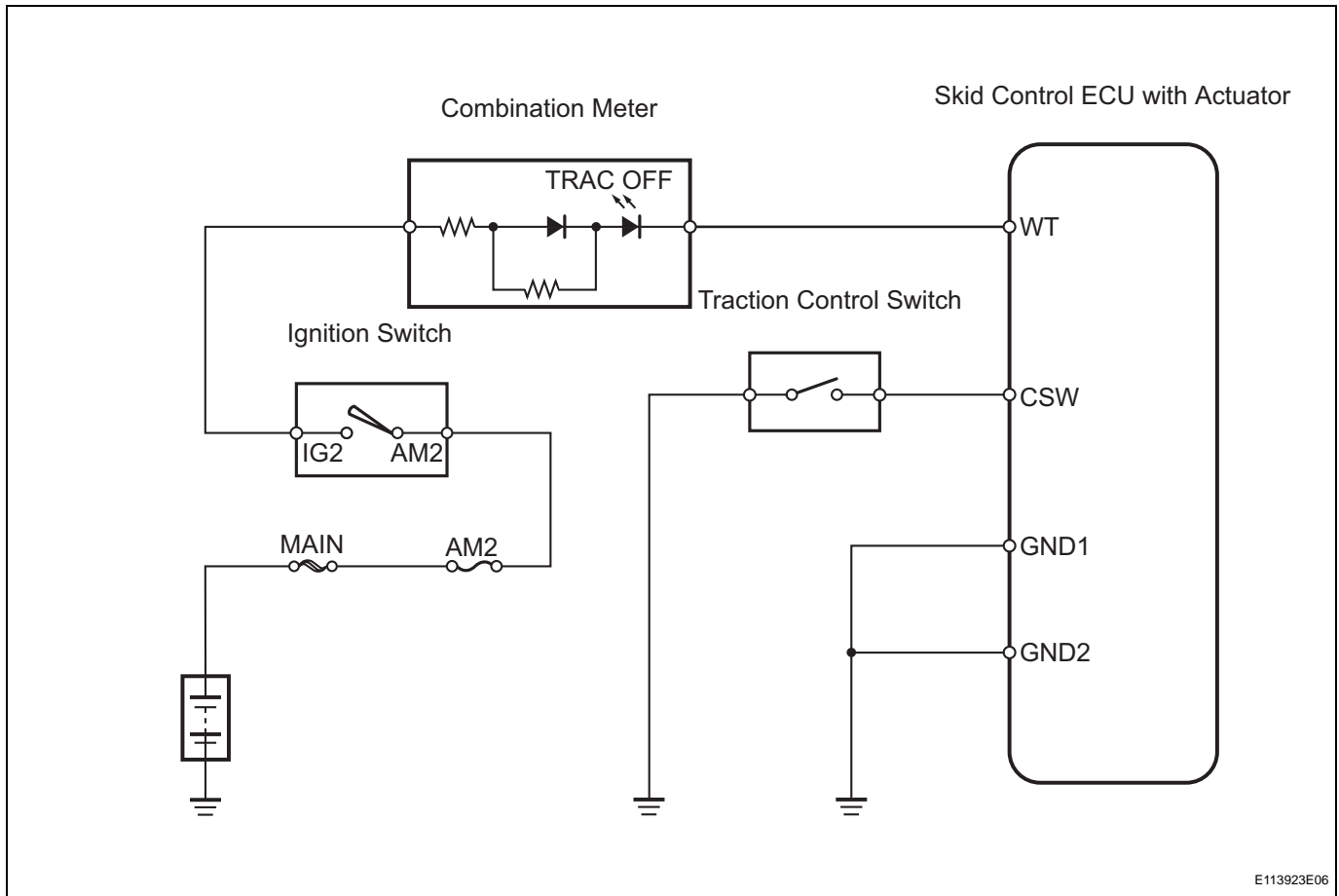


TRAC OFF Indicator Light, TRAC OFF Switch Circuit

DESCRIPTION

This is the TRAC control switch. When the TRAC control switch is pushed, TRAC control turns off and the TRAC OFF indicator light turns on. When the ignition switch is turned OFF and then ON, the TRAC control automatically turns on again.

WIRING DIAGRAM



1

CHOOSE DIAGNOSIS METHOD

(a) Choose the diagnosis method.

Method

Method	Proceed to
Using intelligent tester	A
Not using intelligent tester	B

B

Go to step 3

A

BC

2

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

- (a) Select the ACTIVE TEST, generate a control command, and then check that the TRAC OFF indicator light illuminates.

Skid control ECU with actuator

Item	Measurement Item / Range (Display)	Diagnostic Note
VSC / TRC OFF IND	Turns VSC / TRAC OFF indicator light ON / OFF	Observe combination meter

OK:
VSC / TRAC OFF indicator light illuminates.

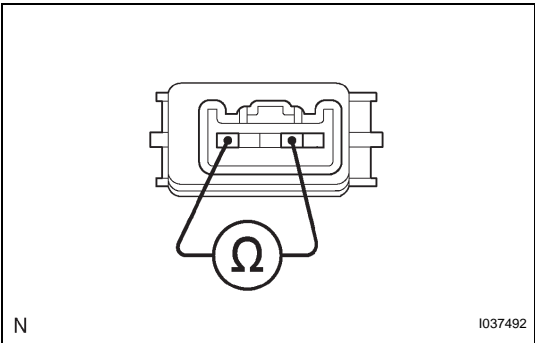
NG

Go to step 5

OK

3

INSPECT TRACTION CONTROL SWITCH



- (a) Remove the switch.
(b) Measure the resistance of the switch.
Standard resistance

Tester Connection	Switch Condition	Specified Condition
2 - 5	Pushed (ON)	Below 1 Ω
	Not pushed (OFF)	10 kΩ or higher

NG

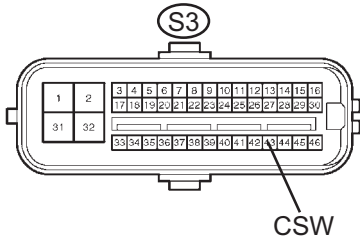
REPLACE TRACTION CONTROL SWITCH

OK

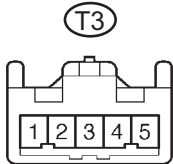
4 CHECK WIRE HARNESS (TRACTION CONTROL SWITCH - SKID CONTROL ECU AND BODY GROUND)

Wire Harness Side

Skid Control ECU with Actuator



Traction Control Switch



C120675E02

- (a) Disconnect the S3 ECU connector.
- (b) Disconnect the T3 switch connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
T3-5 - S3-43 (CSW)	Below 1 Ω
T3-2 - Body ground	

HINT:

When replacing the skid control ECU with actuator, perform the zero point calibration (see page [BC-11](#)).

NG

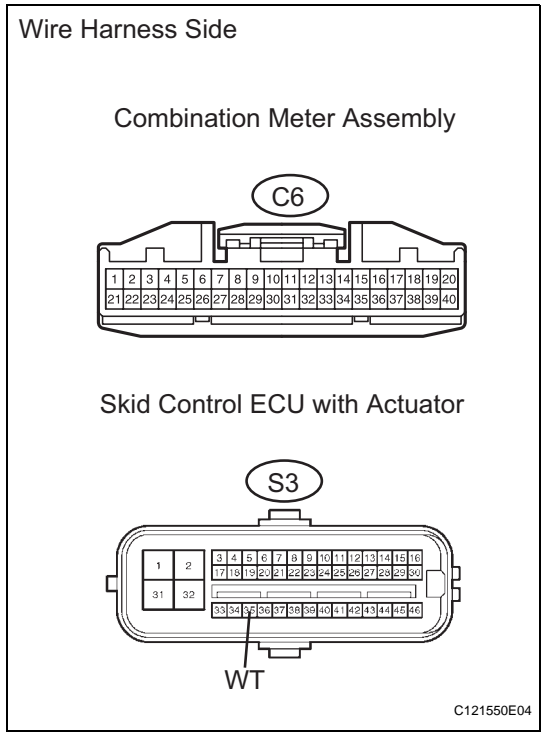
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE BRAKE ACTUATOR ASSEMBLY

5

CHECK WIRE HARNESS (COMBINATION METER - SKID CONTROL ECU)



- (a) Disconnect the C6 meter connector.
- (b) Disconnect the S3 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
C6-19 - S3-35 (WT)	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE COMBINATION METER ASSEMBLY