

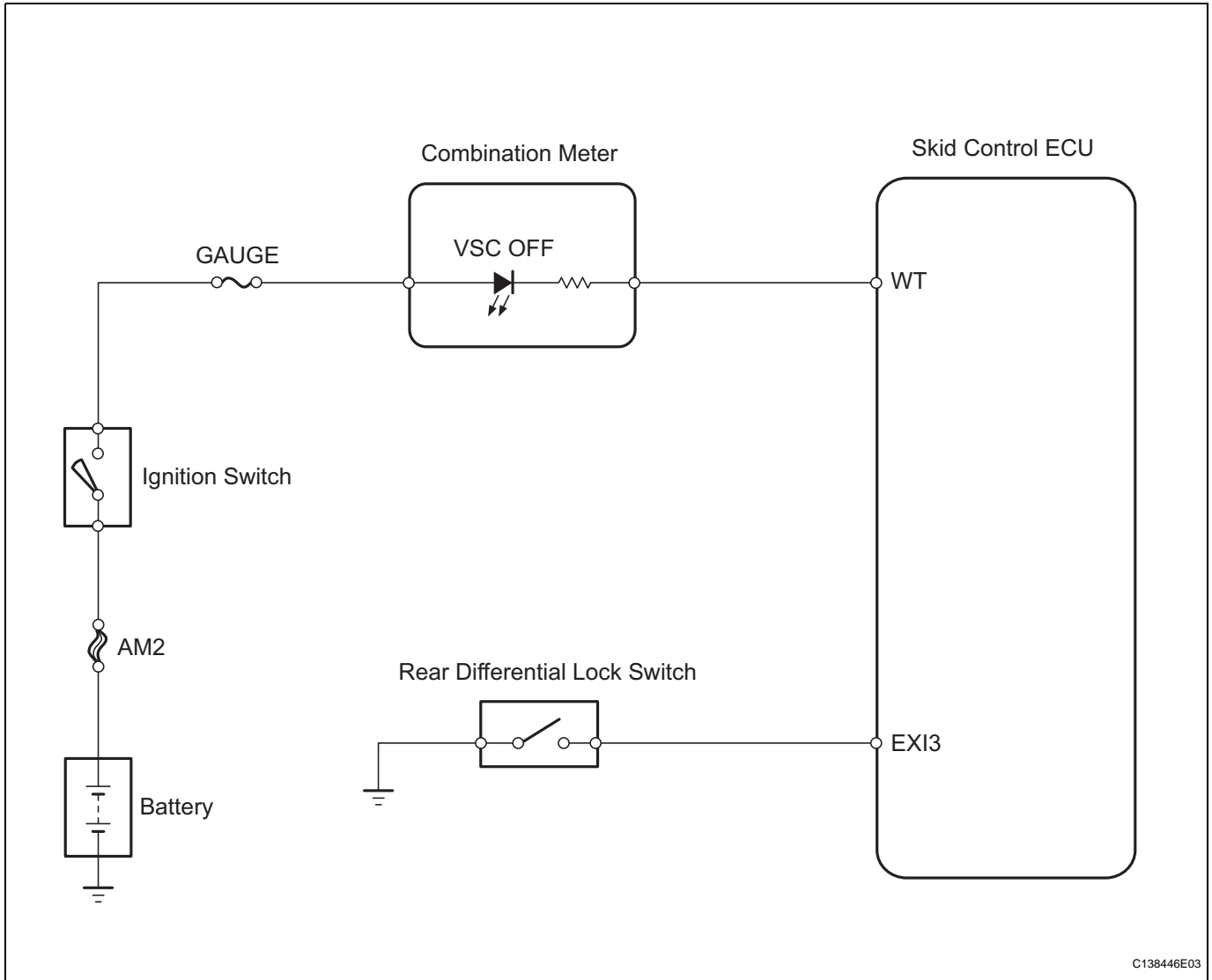
VSC OFF Indicator Light Remains ON

DESCRIPTION

When the rear differential is locked or during the 4WD mode, VSC control turns off and the VSC OFF indicator illuminates. Also, the VSC OFF indicator light is ON when the VSC system is in fail-safe control.

BC

WIRING DIAGRAM



INSPECTION PROCEDURE

NOTICE:

When replacing the master cylinder solenoid, perform zero point calibration (See page BC-24).

1 CHECK DTC

(a) Check if DTCs for VSC are recorded (See page BC-45).

Result

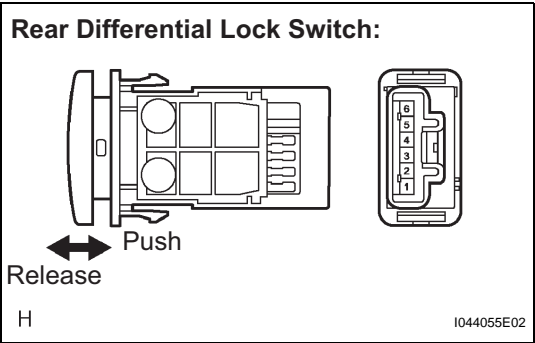
Result	Proceed to
DTC not output	A
DTC output	B

B REPAIR CIRCUITS INDICATED BY OUTPUT DTCS

A

BC

2 INSPECT REAR DIFFERENTIAL LOCK SWITCH



- (a) Remove the rear differential lock switch.
- (b) Disconnect the rear differential lock switch connector
- (c) Measure the resistance.

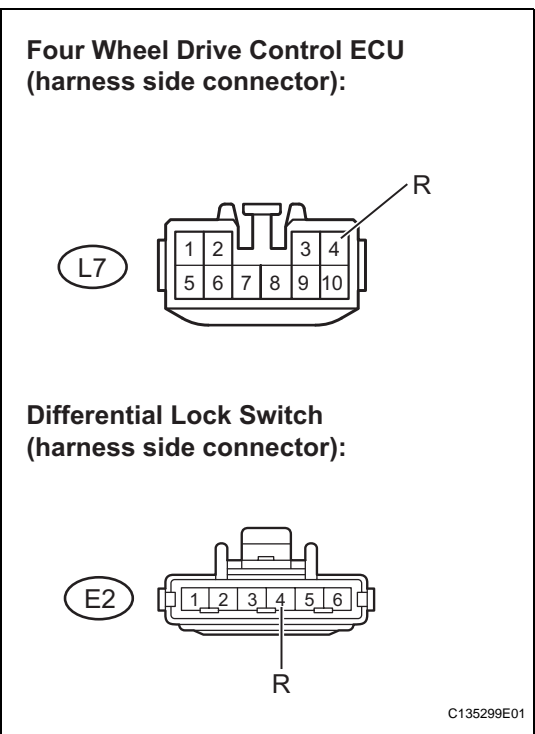
Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 4	Released	10 kΩ or higher
3 - 4	Pushed in	Below 1 Ω

NG REPLACE DIFFERENTIAL LOCK SWITCH

OK

3 CHECK HARNESS AND CONNECTOR (FOUR WHEEL DRIVE CONTROL ECU - DIFFERENTIAL LOCK SWITCH)



- (a) Disconnect the four wheel drive control ECU connector.
- (b) Disconnect the differential lock switch connector.
- (c) Measure the resistance.

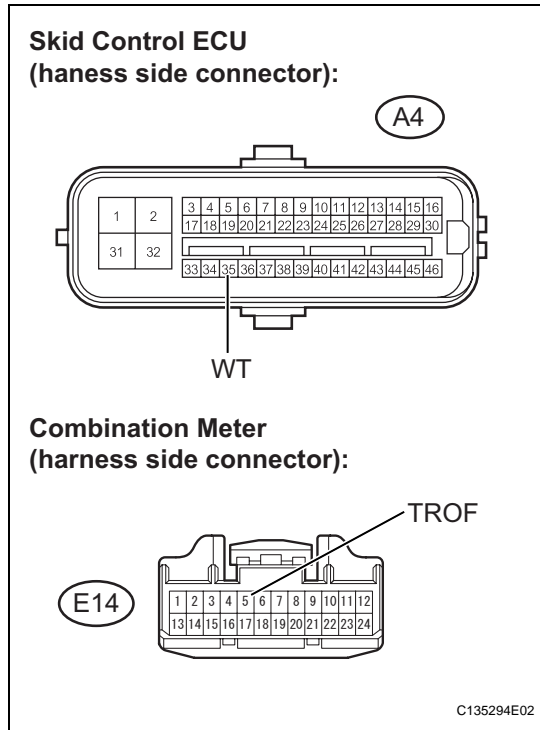
Standard resistance

Tester Connection	Specified Condition
L7-4 (R) - E2-4	Below 1 Ω
L7-4 (R) - Body ground	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

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



- (a) Disconnect the skid control ECU connector.
 - (b) Disconnect the combination meter connector.
 - (c) Measure the resistance.
- Standard resistance**

Tester Connection	Specified Condition
A4-35 (WT) - E14-5 (TROF)	Below 1 Ω
A4-35 (WT) - Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

5 INSPECT COMBINATION METER ASSEMBLY

- (a) Check the combination meter system (See page [ME-29](#)).
- OK:**
Combination meter is normal.

NG → **REPLACE COMBINATION METER ASSEMBLY**

OK

REPLACE MASTER CYLINDER SOLENOID