

AUTO LSD Indicator Light does not Come ON

DESCRIPTION

Refer to the description of "AUTO LSD Indicator Light Remains ON" (see page [BC-164](#)).

WIRING DIAGRAM

Refer to the AUTO LSD indicator light circuit (see page [BC-165](#)).

INSPECTION PROCEDURE

1 CHECK CAN COMMUNICATION SYSTEM

- (a) Check if the CAN communication system DTC is output (see page [CA-34](#)).

Result

Result	Proceed to
DTC is not output	A
DTC is output	B

A

B

REPAIR CAN COMMUNICATION SYSTEM

2 READ VALUE OF INTELLIGENT TESTER (AUTO LSD SWITCH)

- (a) Check the Data List for proper functioning of the Auto LSD switch.

Skid control ECU

Item (Display)	Measurement Item / Range (Display)	Normal Condition	Diagnostic Note
AUTO LSD SW	Auto LSD switch (AUTO LSD switch) / ON or OFF	ON: Auto LSD switch is ON OFF: Auto LSD switch is OFF	-

OK:

ON (downhill assist control switch is ON) appears on the screen.

NG

Go to step 5

OK

3 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (AUTO LSD INDICATOR LIGHT)

- (a) Select the ACTIVE TEST, generate a control command, and then check that the AUTO LSD indicator light operates.

Skid control ECU

Item (Display)	Test Details	Diagnostic Note
AUTO LSD LAMP	Turn AUTO LSD indicator light ON / OFF	Observe combination meter

OK:

The AUTO LSD indicator light turns ON and OFF.

NG

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY

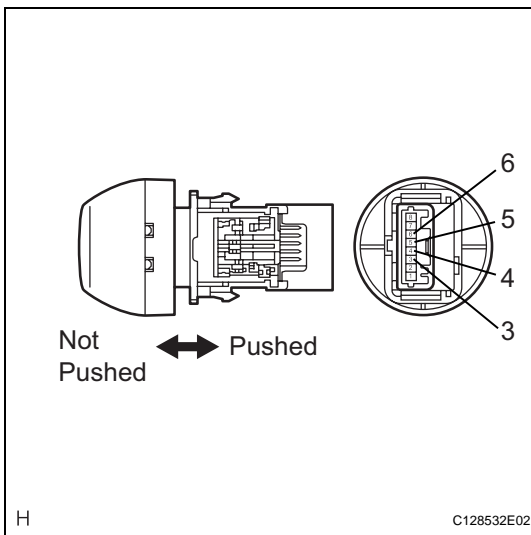
OK

4 INSPECT COMBINATION METER ASSEMBLY(a) Inspect the combination meter (see page [ME-15](#)).

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REPLACE COMBINATION METER ASSEMBLY

OK

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY**5 INSPECT AUTO LSD SWITCH**

(a) Disconnect the auto LSD switch switch.

(b) Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 6	Not pushed	10 k Ω or higher
3 - 6	Pushed	Below 1 Ω

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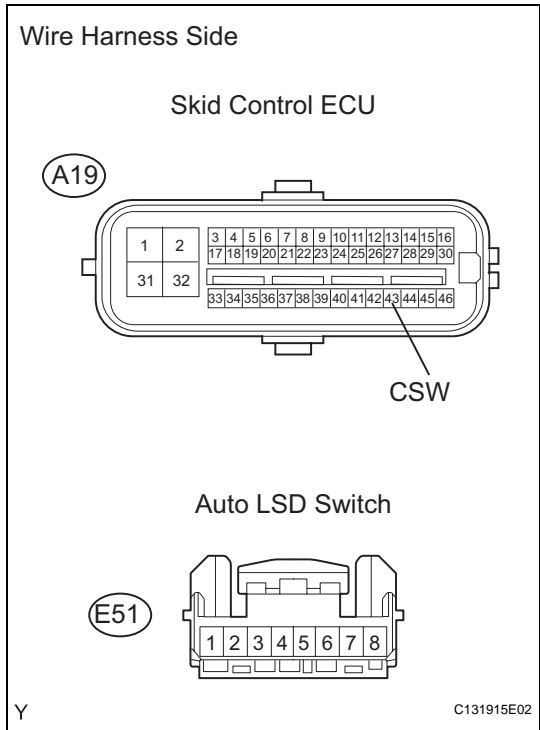
REPLACE AUTO LSD SWITCH

OK

BC

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CHECK WIRE HARNESS (AUTO LSD SWITCH - SKID CONTROL ECU AND BODY GROUND)



- (a) Disconnect the A19 ECU connector.
- (b) Disconnect the E51 switch connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
A19-43 (CSW) - E51-6	Below 1 Ω
E51-3 - Body ground	Below 1 Ω
A19-43 (CSW) - Body ground	10 kΩ or higher

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY