

ABS Warning Light Remains ON

DESCRIPTION

If any of the following conditions are detected, the ABS warning light remains on:

1. The ECU connectors are disconnected from the skid control ECU.
2. There is a malfunction in the skid control ECU internal circuit.
3. There is an open or short in the wire harness between the combination meter and the skid control ECU.

HINT:

The intelligent tester may not be used when there is a malfunction in the skid control ECU.

BC



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

B**REPAIR CAN COMMUNICATION SYSTEM****A****2 INSPECT SKID CONTROL ECU CONNECTOR**

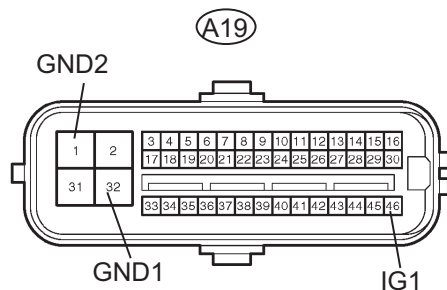
- (a) Check if the skid control ECU connector is properly installed.

OK:

The skid control ECU connector is properly installed.

NG**CONNECT CONNECTOR TO ECU SECURELY****OK****3 CHECK WIRE HARNESS (SKID CONTROL ECU - BATTERY AND BODY GROUND)**

Wire Harness Side



C121700E47

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

Standard resistance

Tester Connection	Specified Condition
A19-32 (GND1) - Body ground	Below 1 Ω
A19-1 (GND2) - Body ground	Below 1 Ω

- (c) Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Condition	Specified Condition
A19-46 (IG1) - Body ground	Ignition switch ON	10 to 14 V

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****BC**

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PERFORM ACTIVE TEST BY INTELLIGENT TESTER (ABS WARNING LIGHT)

- (a) Select the ACTIVE TEST, generate a control command, and then check that the ABS warning light operates.

Skid control ECU

Item (Display)	Test Details	Diagnostic Note
ABS WARN LAMP	Turns ABS warning light / ON or OFF	Observe combination meter

OK:
The ABS warning light is turned on or off.

HINT:
When the ABS warning light remains illuminated, opens in the wire harness of the combination meters or abnormalities in the meter circuit should be considered.

OK

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CHECK METER / GAUGE SYSTEM

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY