

INSPECTION PROCEDURE

HINT:

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

1	Check ABS motor relay operation.
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PREPARATION:

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (c) Select the ACTIVE TEST mode on the hand-held tester.

CHECK:

Check the operation sound of the ABS motor individually when operating it with the hand-held tester.

OK:

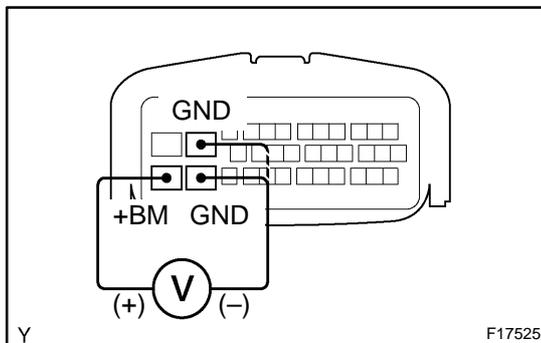
The operation sound of the ABS motor relay should be heard.

NG

Check and replace brake actuator ASSY.

OK

2	Check voltage between terminals +BM and GND of skid control ECU connector.
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PREPARATION:

Disconnect the skid control ECU connector.

CHECK:

Measure the voltage between terminals +BM (23) and GND (2, 24) of skid control ECU harness side connector.

OK:

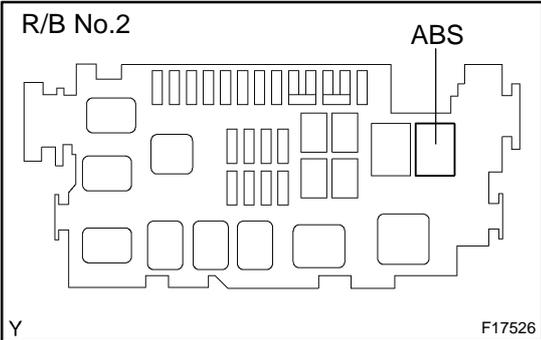
Voltage: 10 – 14 V

OK

Check and replace brake actuator ASSY.

NG

3 Check ABS fuse.



PREPARATION:
Remove the ABS fuse from the R/B No.2.

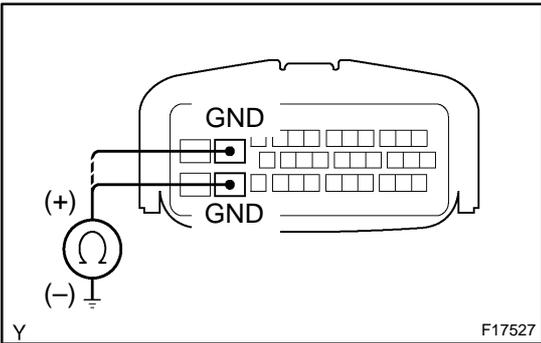
CHECK:
Check continuity of ABS fuse.

OK:
Continuity

NG → **Check for short circuit in all the harness and components connected to ABS fuse (See attached wiring diagram).**

OK

4 Check continuity between terminals GND of skid control ECU connector and body ground.



CHECK:
Measure resistance between terminal GND (2, 24) of skid control ECU harness side connector and body ground.

OK:
Resistance: 1 Ω or less

NG → **Repair or replace harness or connector.**

OK

Check and replace brake actuator ASSY.