



## 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 hand-held tester.

### 1 Check ABS motor relay operation.

#### 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 relay when operating it with the hand-held tester.

#### OK:

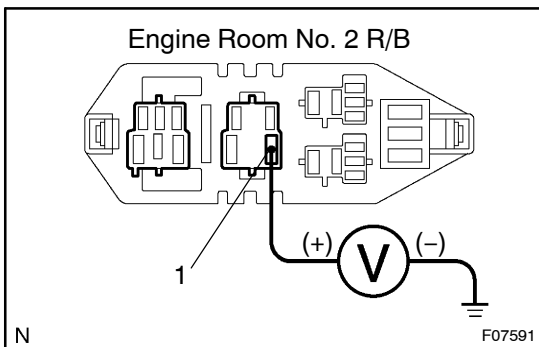
The operation sound of the ABS motor relay should be heard.

OK

Go to step 4.

NG

### 2 Check voltage between terminal 1 of engine room No. 2 R/B (for ABS motor relay) and body ground.



#### PREPARATION:

Remove the ABS motor relay from the engine room No. 2 R/B.

#### CHECK:

Measure voltage between terminal 1 of engine room No. 2 R/B (for ABS motor relay) and body ground.

#### OK:

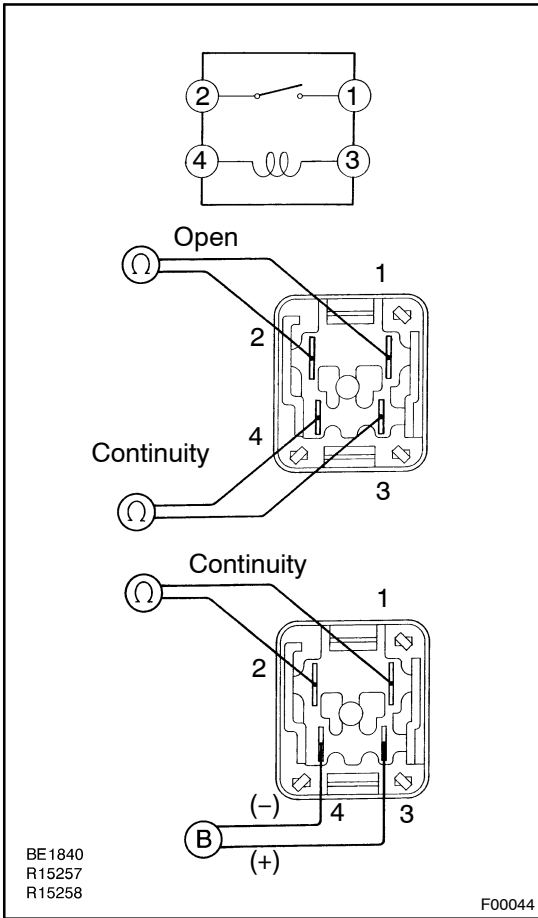
Voltage: 10 - 14 V

NG

Check and repair harness or connector.

OK

**3 Check ABS motor relay.**



**CHECK:**

Check continuity between each pair of terminal of motor relay.

**OK:**

Terminals 3 and 4	Continuity (Reference value 62 Ω)
Terminals 1 and 2	Open

**CHECK:**

- (a) Apply battery voltage between terminals 3 and 4.
- (b) Check continuity between terminals.

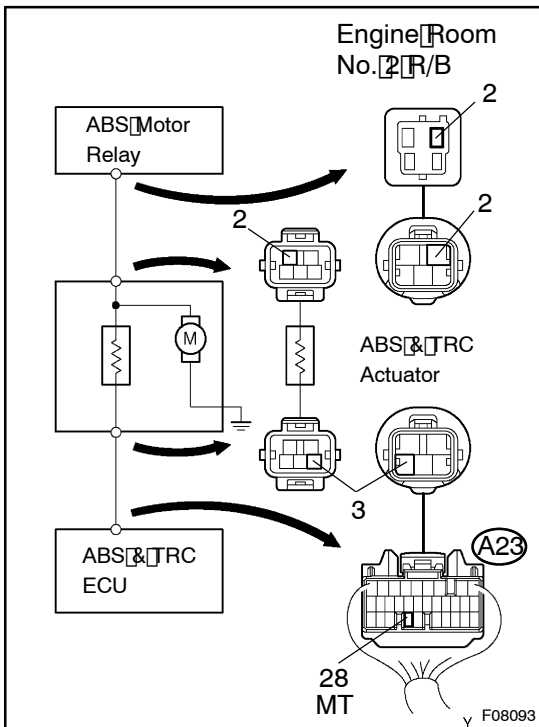
**OK:**

Terminals 1 and 2	Continuity
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**NG** Replace ABS motor relay.

**OK**

- 4 Check continuity between terminals 2 of engine room No. 2 R/B (for ABS motor relay) and terminal MT of ABS & TRC ECU.

**CHECK:**

Check continuity between terminals 2 of engine room No. 2 R/B (for ABS motor relay) and terminal MT (A23 - 28) of ABS & TRC ECU.

**OK:****Continuity****HINT:**

There is a resistance of 26 - 40  $\Omega$  between terminals 2 and 3 of ABS & TRC actuator.

**NG**

Repair or replace harness or ABS & TRC actuator.

**OK**

- 5 Check for open and short circuit in harness and connector between ABS motor relay and ABS & TRC ECU (See page IN-32).

**NG**

Repair or replace harness or connector.

**OK**

If the same code is still output after the DTC is deleted, check the contact condition of each connection. If the connections are normal, the ECU may be defective.