

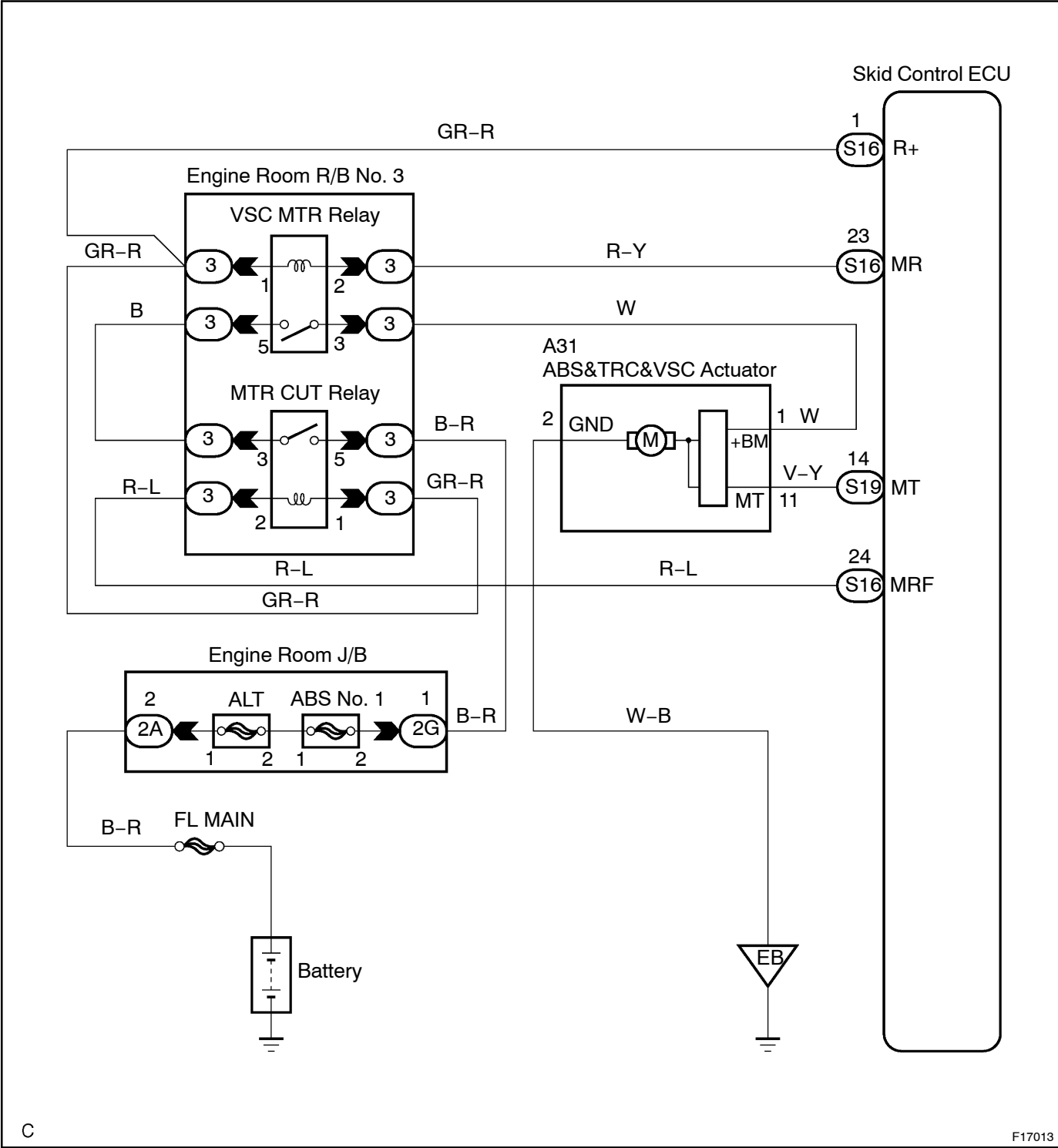
DTC	C1361 / 91	MTR CUT Relay Circuit
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CIRCUIT DESCRIPTION

This relay supplies power to each ABS solenoid. After the ignition switch is turned ON, if the initial check is OK, the relay goes on.

DTC No.	DTC Detecting Condition	Trouble Area
C1361 / 91	Immediately after ECU terminal IG1 becomes ON, and solenoid relay signal is OFF, however, when the condition that the contact point of the solenoid relay is ON continues for 4 sec. or more.	• ABS CUT relay • ABS CUT relay circuit • Skid control ECU

WIRING DIAGRAM



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 MTR CUT 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 MTR CUT relay when operating it with the hand-held tester.

OK:

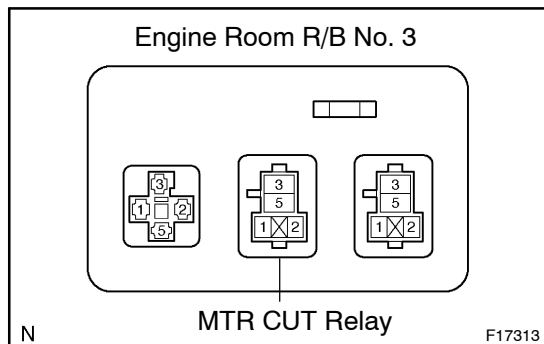
The operation sound of the MTR CUT relay should be heard.

OK

Go to step 4.

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2 Check voltage between terminals 1 and 2 of engine room R/B No. 3 (for MTR CUT relay).



PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Remove the MTR CUT relay from the engine room R/B No. 3.
- (c) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals 1 and 2 of engine room R/B No. 3 (for MTR CUT relay).

OK:

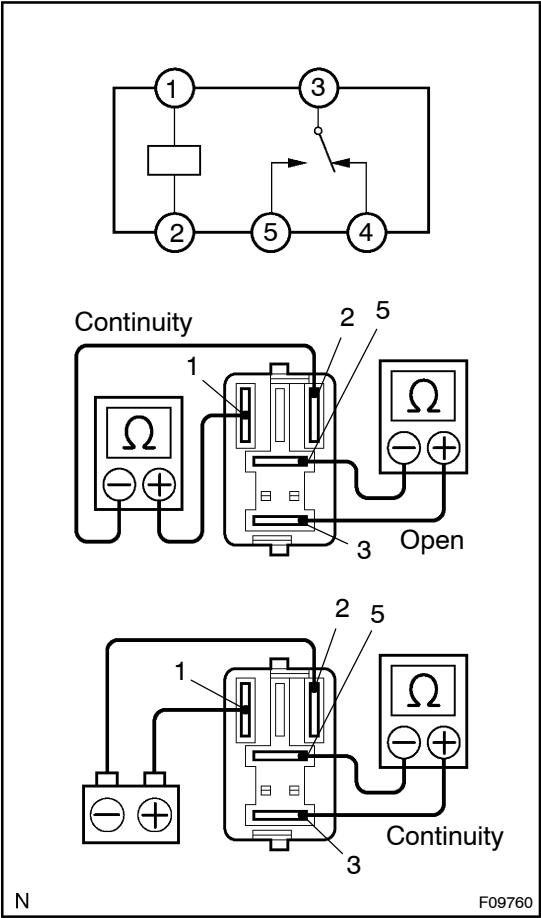
Voltage: 10 – 14 V

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Check and repair harness or connector.

OK

3 Check MTR CUT relay.



CHECK:

Check continuity between each terminal of MTR CUT relay.

OK:

Terminals 1 and 2	Continuity (Reference value 80 Ω)
Terminals 3 and 5	Open

CHECK:

- (a) Apply battery voltage between terminals 1 and 2.
- (b) Check continuity between each terminal of MTR CUT relay.

OK:

Terminals 3 and 5	Continuity
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Replace MTR CUT relay.

OK

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| 4 | Check continuity between terminals 3 of engine room R/B No. 3 (for MTR CUT relay) and terminal 5 of engine room R/B No. 3 (for VSC MTR relay). |
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PREPARATION:

Remove the MTR CUT relay and VSC MTR relay from the engine room R/B No. 3.

CHECK:

Check continuity between terminals 3 of engine room R/B No. 3 (for MTR CUT relay) and terminal 5 of engine room R/B No. 3 (for VSC MTR relay).

OK:

Continuity

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Repair or replace harness.

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.