

DTC	Always ON	Malfunction in ECU VSC TRC Warning Light Circuit
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	There is a malfunction in the ECU internal circuit.	<ul style="list-style-type: none"> • Power source circuit • ABS & BA & TRC & VSC ECU • VSC TRC warning light circuit

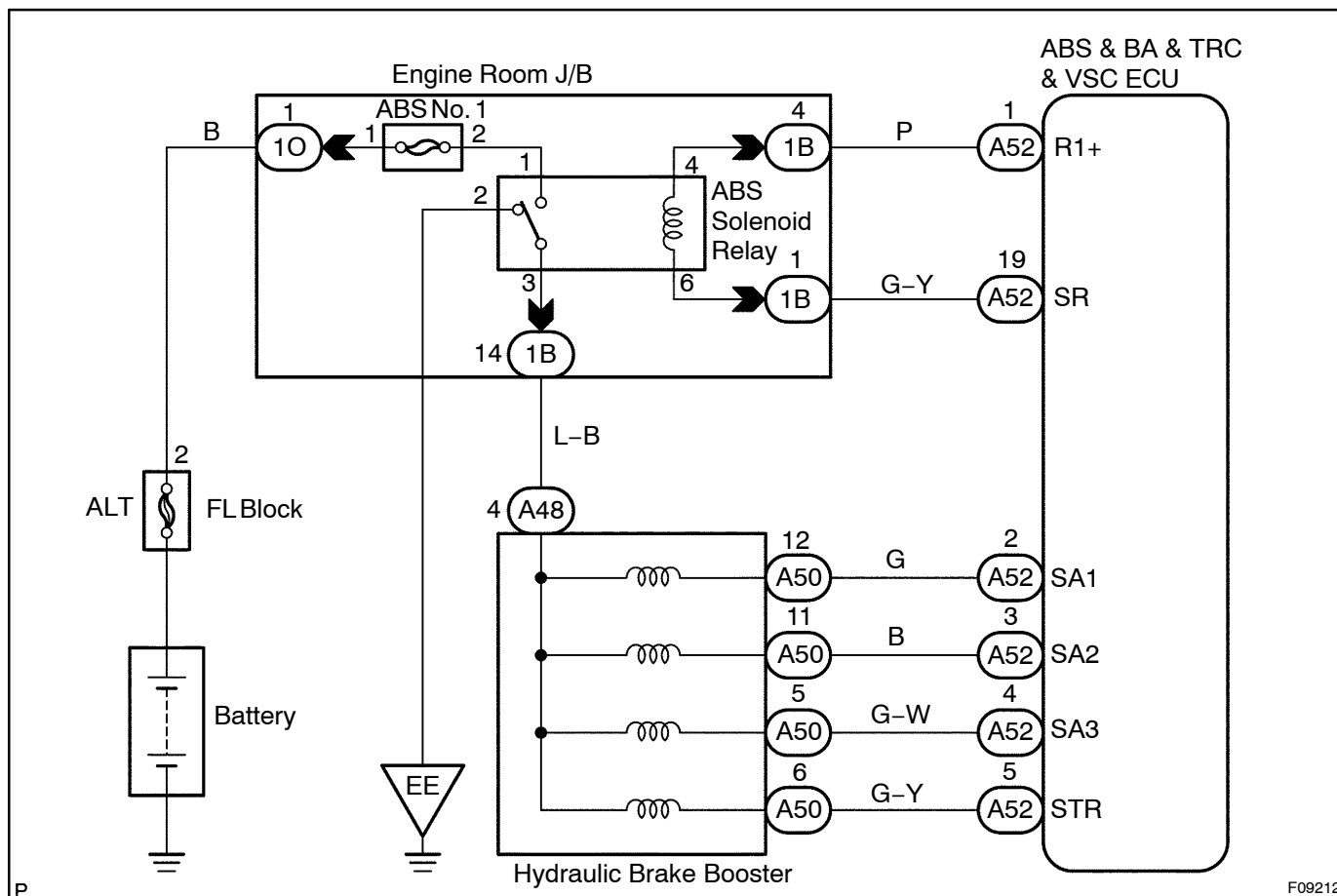
Fail safe function:

If trouble occurs in the ECU, the ECU prohibits ABS & BA & TRC & VSC controls and the brake system becomes normal.

HINT:

If fail safe function is activated in VSC system, "VSC OFF" indicator light lights up.

WIRING DIAGRAM



F09212

INSPECTION PROCEDURE

1 Check that the ECU connectors are securely connected to the ECU.

NO

Connect the connector to the ECU.

YES

2 Is DTC output for VSC?

Check DTC on [page DI-4](#).

YES

Repair circuit indicated by the output code.

NO

3 Does VSC TRC warning light go off?

YES

Check for open or short circuit in harness and connector between ECU-IG fuse and ECU ([See page IN-35](#)).

NO

4 Check battery voltage.

PREPARATION:

Start the engine.

CHECK:

Check the battery voltage.

OK:

Voltage: 10 – 16 V

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Check and repair the charging system.

OK

5	Check operation of the VSC TRC warning light.
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In case of using the hand –held tester:

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 that "ON" and "OFF" of the VSC TRC warning light can be shown on the combination meter on the hand–held tester.

In case of not using the hand –held tester:

PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Disconnect the connector from the ABS & BA & TRC & VSC ECU.
- (c) Turn the ignition switch ON.

CHECK:

Check the VSC TRC warning light goes off.

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Check and replace combination meter ([See page BE-1](#)).

OK

Check and replace ABS & BA & TRC & VSC ECU.