

DTC	Always ON	Malfunction in ECU VSC 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.	• Power source circuit • VSC warning light circuit • ABS & TRC & VSC ECU

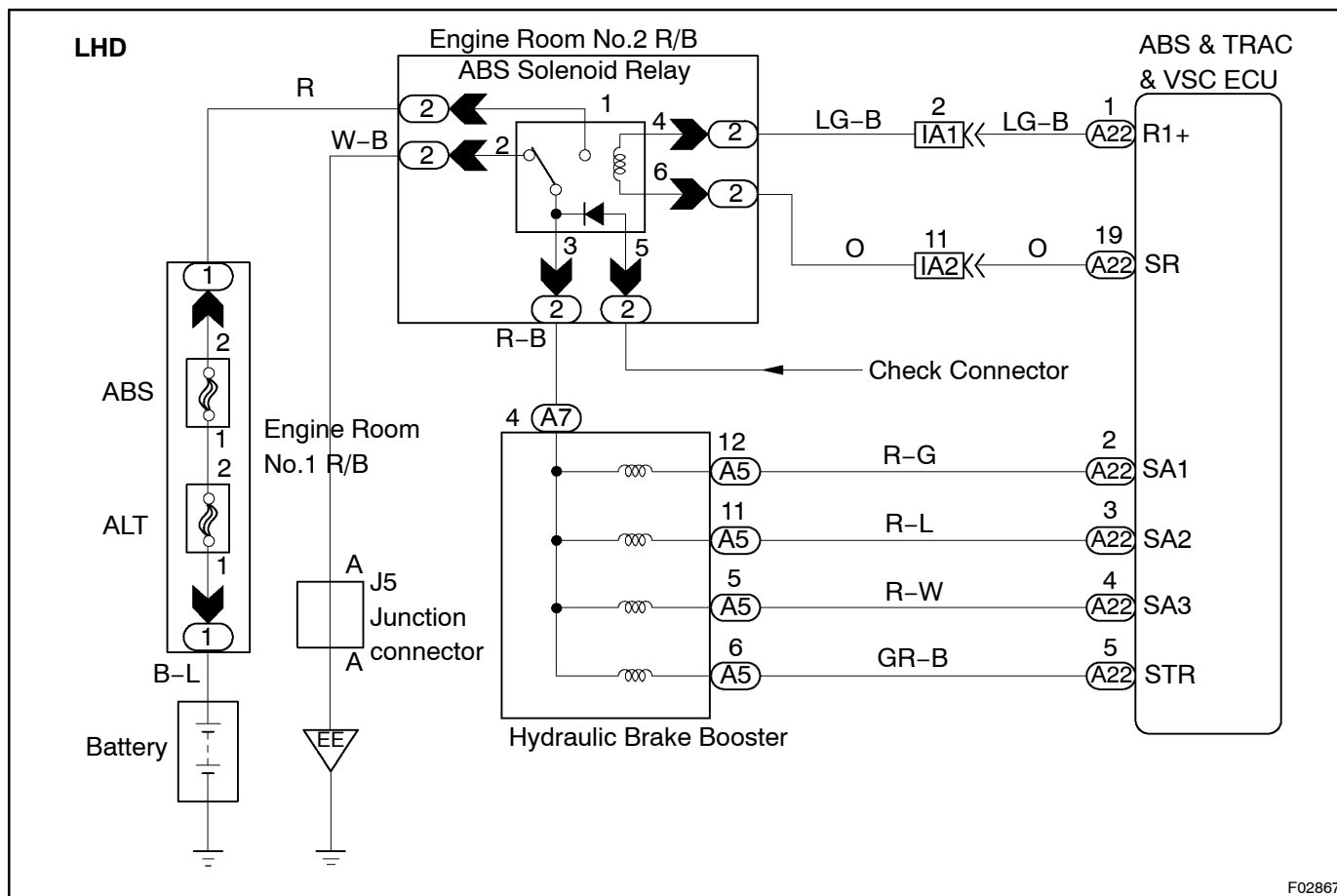
Fail safe function:

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

HINT:

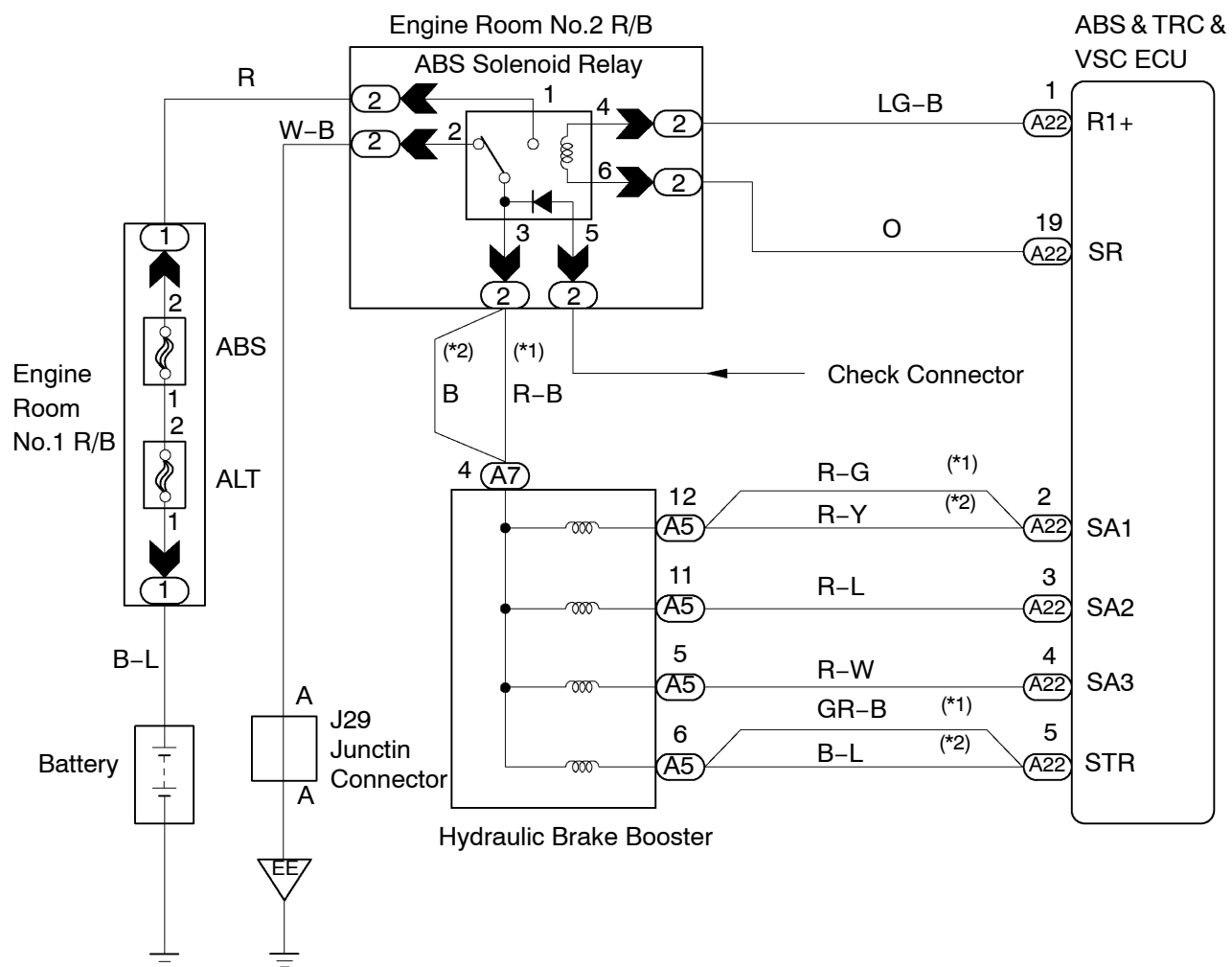
If fail safe function is activated in VSC system, "VSC OFF" indicator light lights up.

WIRING DIAGRAM



F02867

RHD



INSPECTION PROCEDURE**1** Is DTC output for VSC?Check DTC on [page DI-307](#).**YES**

Repair circuit indicated by the output code.

NO**2** Is normal code displayed?**YES**Check solenoid relay. Check for short circuit in harness and connector between solenoid relay and check connector ([See page IN-29](#)).**NO****3** Does VSC warning light go off?**YES**Check for open or short circuit in harness and connector between ECU-IG fuse and ECU ([See page IN-29](#)).**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 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 warning light can be shown on the combination meter with 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 & TRC & VSC ECU.
- (c) Turn the ignition switch ON.

CHECK:

Check the VSC warning light goes off.

OK

Check and replace ABS & TRC & VSC ECU.

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Check for short circuit in harness and connector between combination meter and ABS & TRC & VSC ECU, combination meter and check connector ([See page IN-29](#)).