

<b>DTC</b>	<b>Always ON</b>	<b>Malfunction in ECU VSC Warning Light Circuit</b>
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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"> <li>• Power source circuit</li> <li>• VSC warning light circuit</li> <li>• ABS &amp; TRC &amp; VSC ECU</li> </ul>

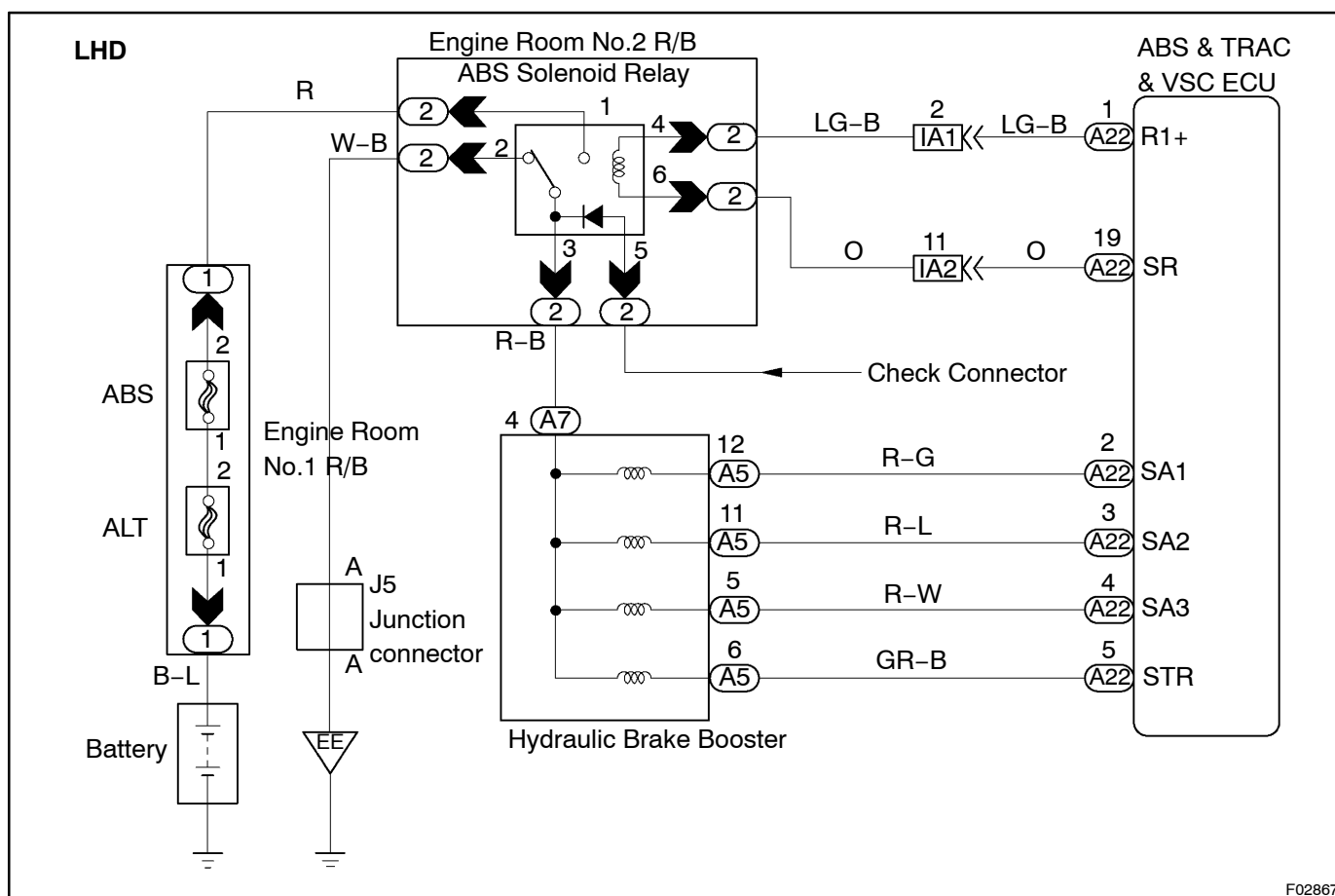
Fail safe function:

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

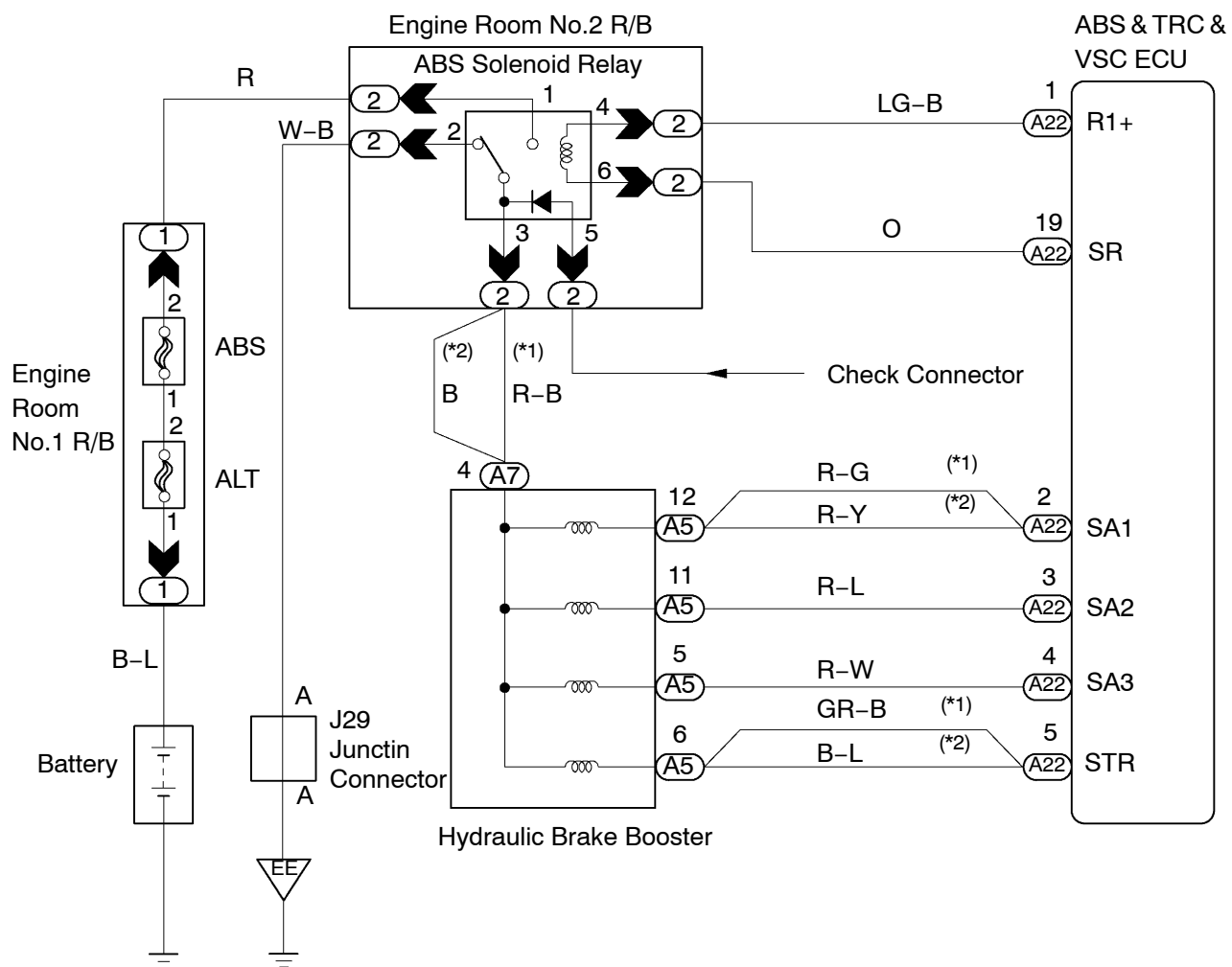
HINT:

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

## WIRING DIAGRAM



RHD



(\*1) : Australia

(\*2) : Europe

**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****NG****Check and repair the charging system.****OK**

## 5 Check operation of the VSC warning light.

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.

NG

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).