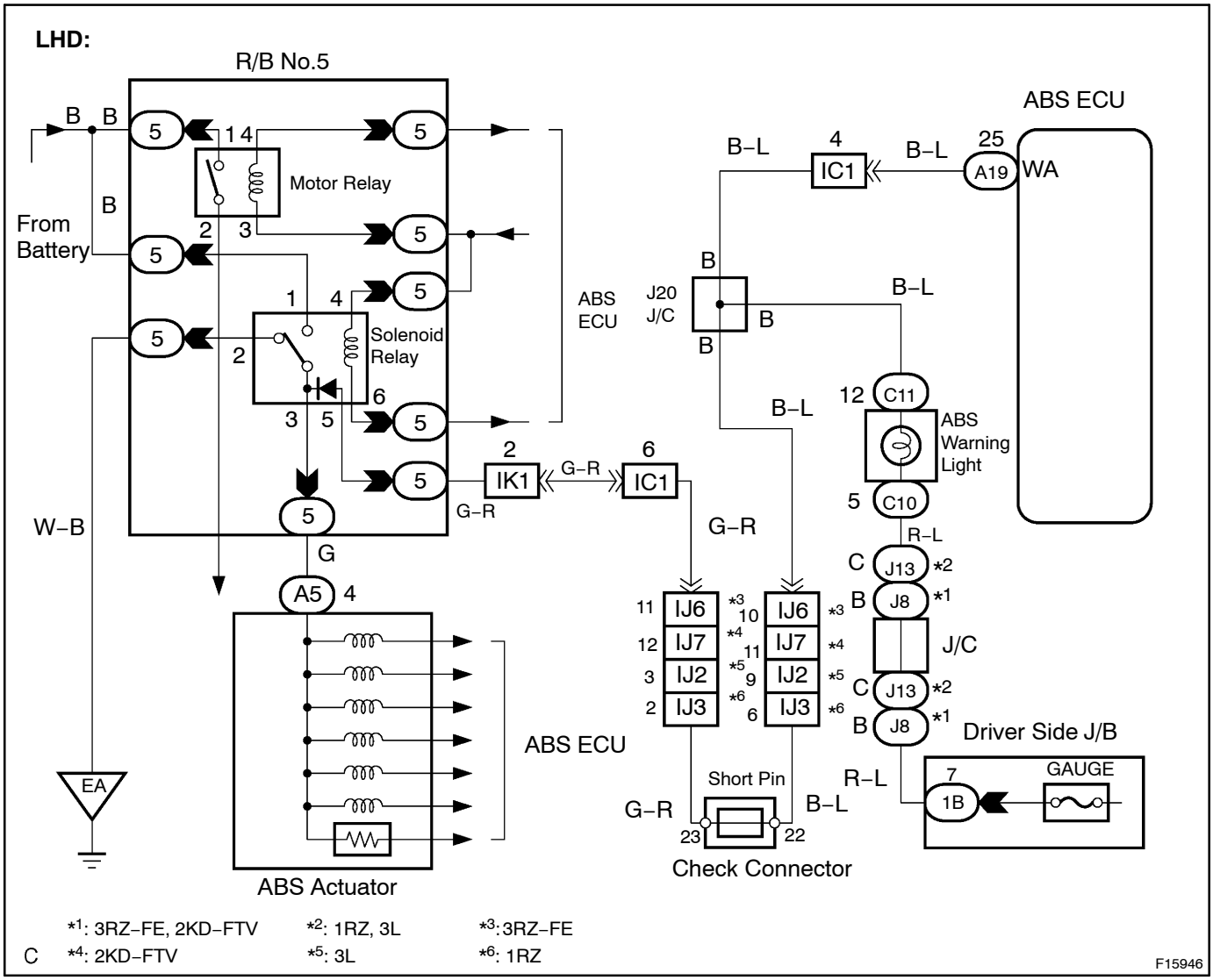
DI1JH–02

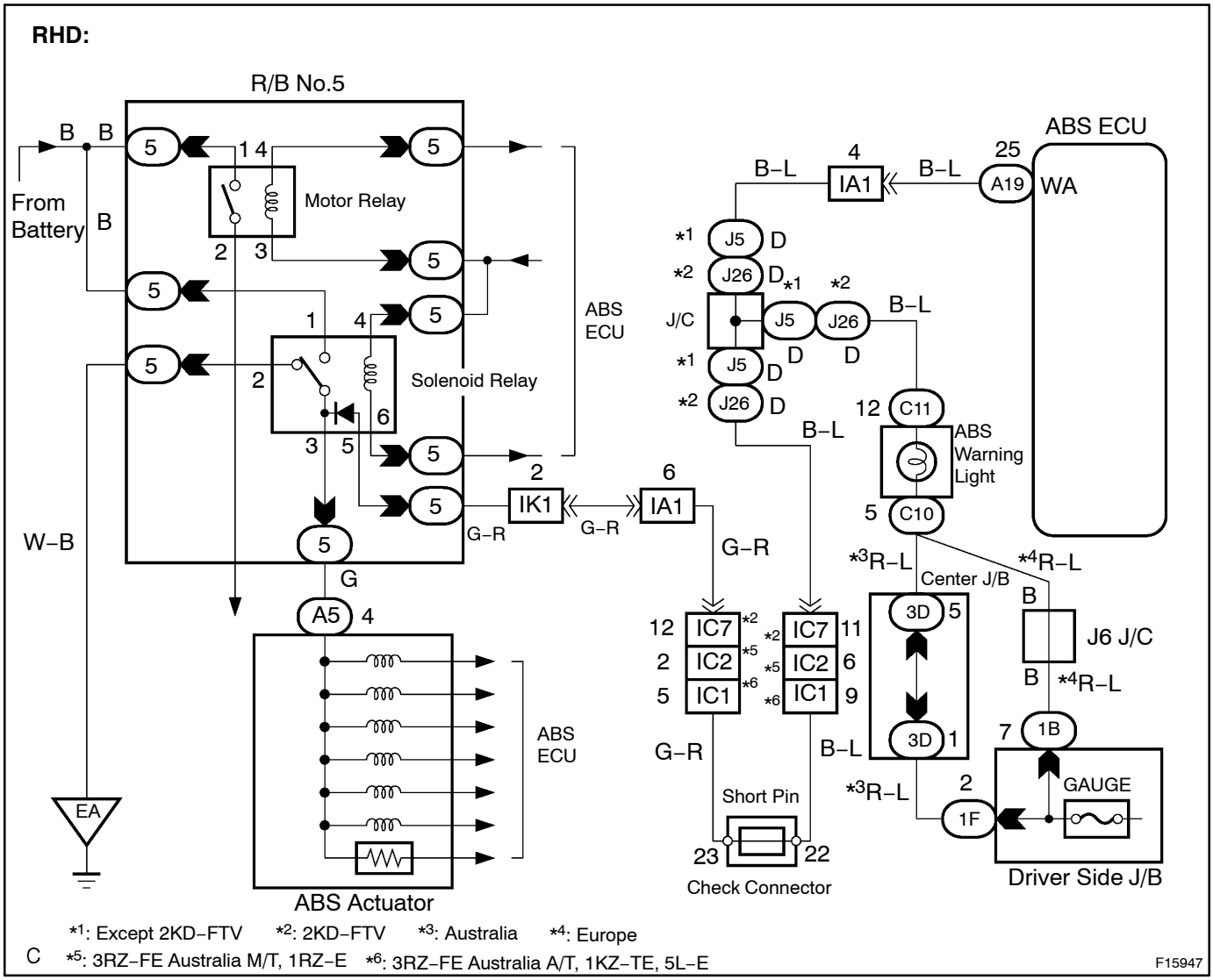
ABS Warning Light Circuit

CIRCUIT DESCRIPTION

If the ECU detects trouble, it lights the ABS warning light while at the same time prohibiting ABS control. At this time, the ECU records a DTC in memory.
After removing the short pin of the check connector, connect terminals Tc and E_1 of the check connector to make the ABS warning light blink and output the DTC.

WIRING DIAGRAM





INSPECTION PROCEDURE

Troubleshooting in accordance with the chart below for each trouble symptom.

ABS warning light does not light up	Go to step 1
ABS warning light remains on	Go to step 3

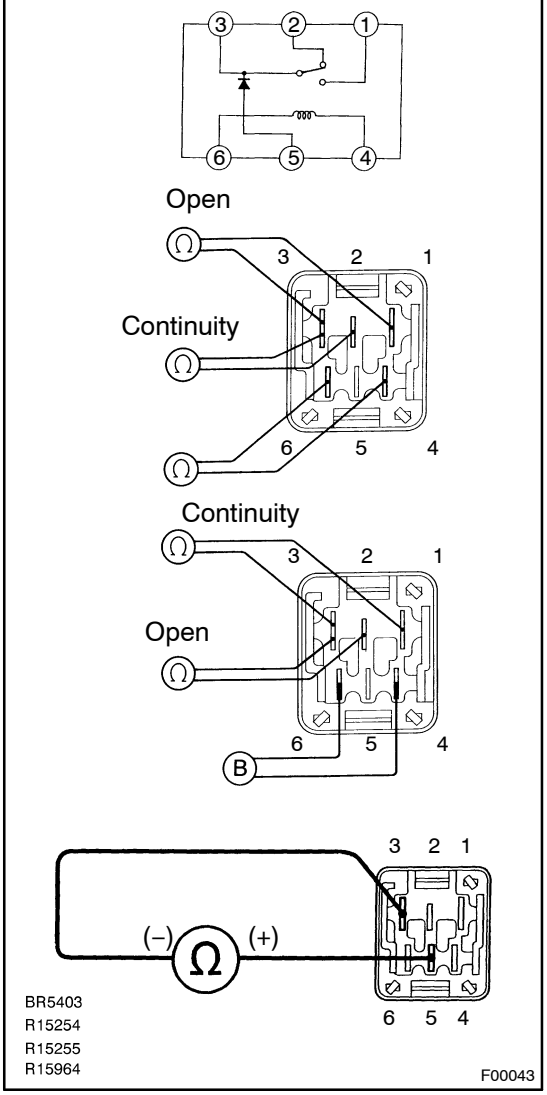
1	**Check ABS warning light.**

Combination Meter Troubleshooting See Pub. No. RM585E on page BE–48.

NG → **Repair bulb or combination meter assembly.**

OK

2	Check ABS solenoid relay.



PREPARATION:

Remove ABS solenoid relay from ABS R/B.

CHECK:

Check continuity between each terminal of ABS solenoid relay.

OK:

Terminals 4 and 6	Continuity (Reference value 80 Ω)
Terminals 2 and 3	Continuity
Terminals 1 and 3	Open

CHECK:

(a) Apply battery voltage between terminals 4 and 6.

(b) Check continuity between each terminal of ABS solenoid relay.

OK:

Terminals 2 and 3	Open
Terminals 1 and 3	Continuity

CHECK:

Connect the ⊕ test lead to terminal 5 and the ⊖ lead to terminal 3. Check continuity between the terminals.

OK:

Continuity

If there is no continuity, connect the ⊖ test lead to terminal 5 and the ⊕ lead to terminal 3. Recheck continuity between terminals.

NG → **Replace ABS solenoid relay.**

OK

Check for open in harness and connector between check connector, ABS solenoid relay and body ground (See page IN–26).

3	**Is DTC output?**

Check DTC on page DI–53.

YES → **Repair circuit indicated by the code output.**

NO

4	**Does ABS warning light go off if short pin is removed?**

NO → **Check for short in harness and connector between warning light and check connector and ECU (See page IN–26).**

YES

5	**Check ABS solenoid relay (See step 2.)**

NG → **Replace ABS solenoid relay.**

OK

Check for short in harness and connector between check connector and ABS solenoid relay (See page IN–26).