

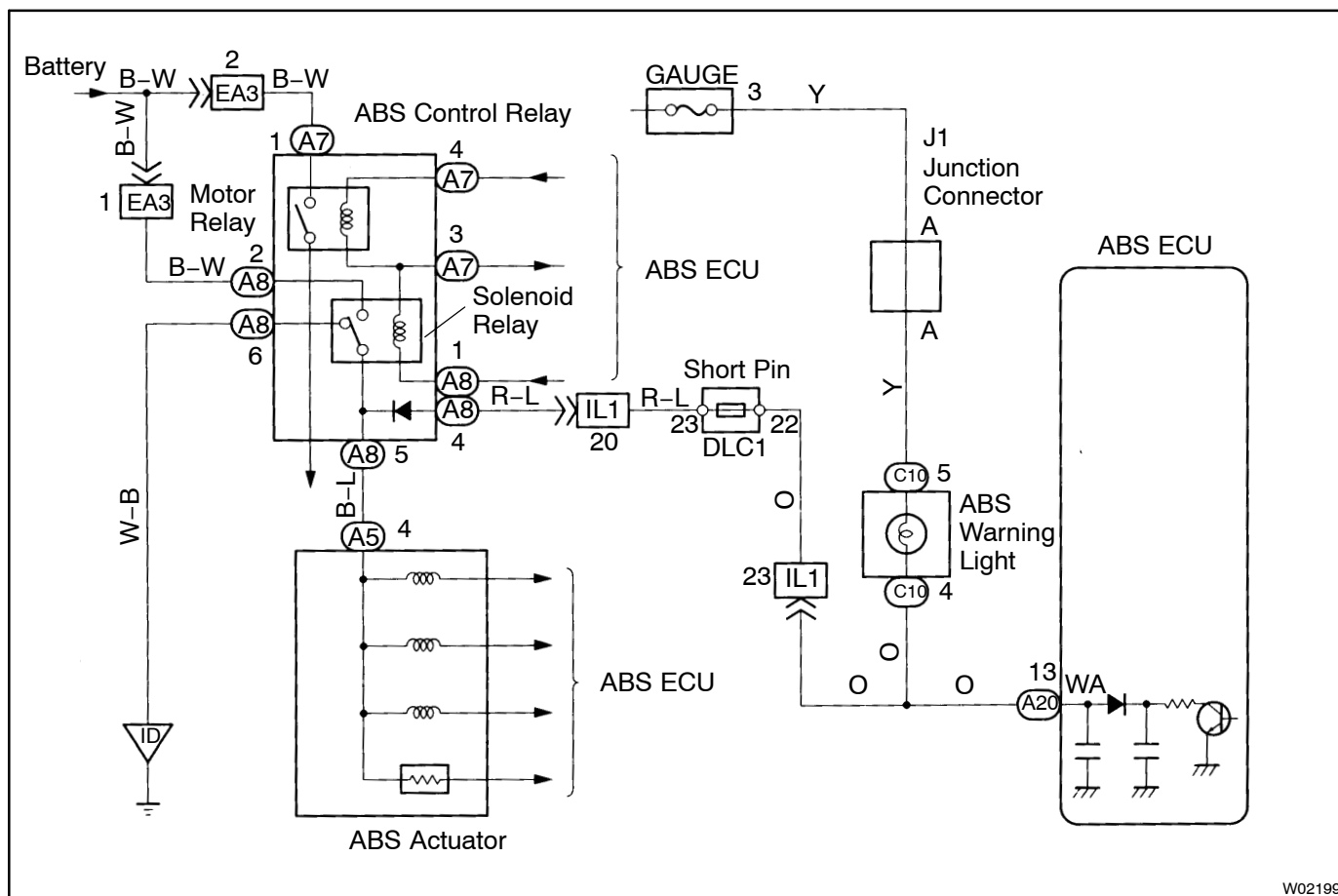
ABS Warning Light Circuit

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 DLC1, connect terminals Tc and E₁ of the DLC1 to make the ABS warning light blink and output the DTC.

WIRING DIAGRAM



W02199

INSPECTION PROCEDURE

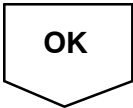
Troubleshooting in accordance with the chart below for each trouble symptom.

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

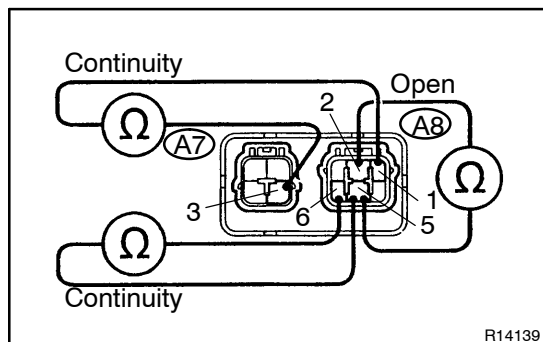
1	Check ABS warning light.
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See Combination Meter Troubleshooting on page [BE-2](#).

NG	Repair bulb or combination meter assembly.
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2 Check ABS control relay.



PREPARATION:

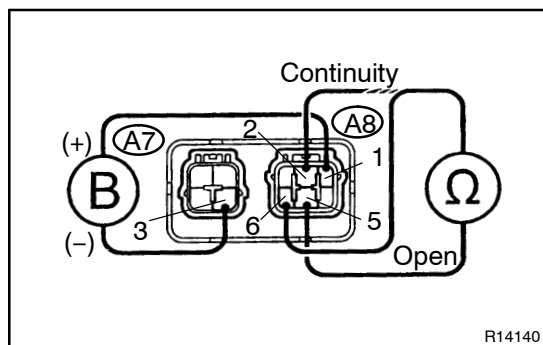
- Turn the ignition switch OFF.
- Disconnect the connectors from control relay.

CHECK:

Check continuity between each terminal of ABS control relay.

OK:

Terminals A8 – 1 and A7 – 3	Continuity (Reference value 80 Ω)
Terminals A8 – 5 and A8 – 6	Continuity
Terminals A8 – 2 and A8 – 5	Open

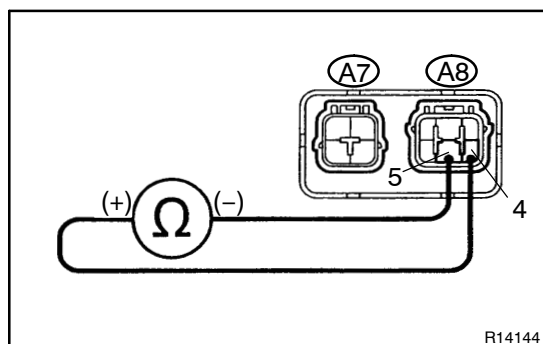


CHECK:

- Apply battery positive voltage between terminals A8 – 1 and A7 – 3.
- Check continuity between each terminal of ABS control relay.

OK:

Terminals A8 – 5 and A8 – 6	Open
Terminals A8 – 2 and A8 – 5	Continuity



CHECK:

Connect the $\oplus$ test lead to terminal 4 of A8 and the $\ominus$ test lead to terminal 5 of A8. Check continuity between the terminals.

OK:

Continuity

If there is no continuity, connect the $\ominus$ test lead to terminal 4 of A8 and the $\oplus$ lead to terminal 5 of A8. Recheck continuity between terminals.

NG

Replace ABS control relay.

OK

Check for open in harness and connector between DLC1 and ABS control relay and body ground (See page [IN-27](#)).

3 Is DTC output?

Check DTC on page [DI-193](#).

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 DLC1 and ECU (See page [IN-27](#)).****YES****5 Check ABS control relay (See step 2).****NG****Replace ABS control relay.****OK**

Check for short in harness and connector between DLC1 and ABS control relay (See page [IN-27](#)).