

DTC	41	AIR SUS Relay Circuit
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CIRCUIT DESCRIPTION

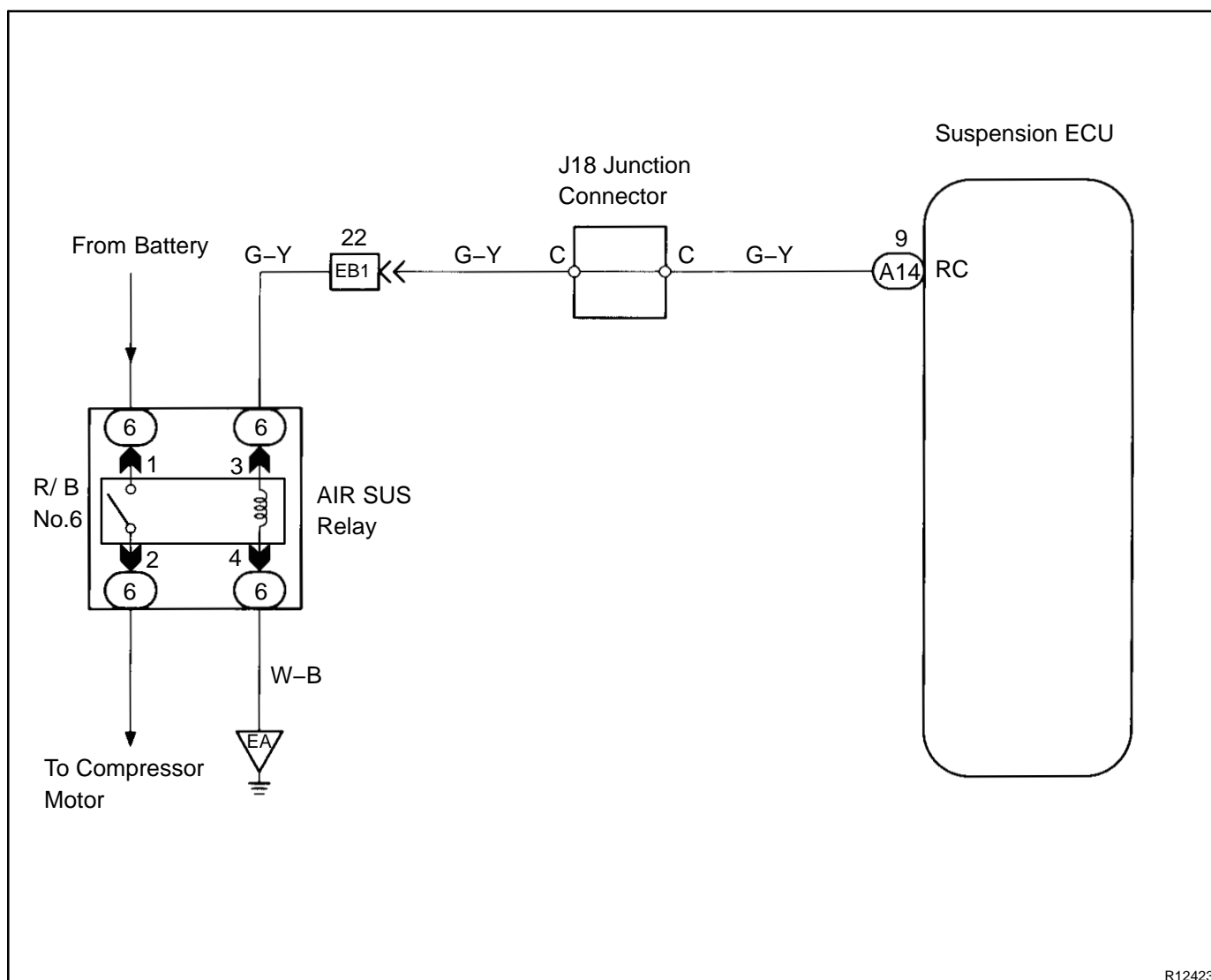
When the vehicle height starts to rise, a signal is sent from terminal RC of the ECU to switch the AIR SUS relay on. As a result, current flows to the AIR SUS relay coil, the contacts in the relay close, and thus battery positive voltage is applied to the compressor, the compressor produces compressed air.

DTC No.	DTC Detecting Condition	Trouble Area
41	Open or short circuit in AIR SUS relay circuit	<ul style="list-style-type: none"> • Harness or connector between ECU and AIR SUS relay • AIR SUS relay • ECU

Once the ECU stores DTC 41 in memory, vehicle height control is not carried out until a normal signal is input to the ECU from the AIR SUS relay.

However, control is resumed if the ignition switch is turned off, then on again.

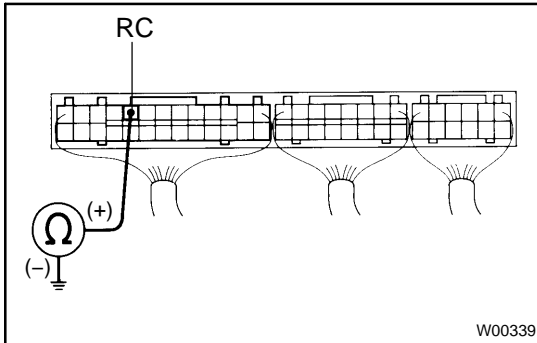
WIRING DIAGRAM



R12423

INSPECTION PROCEDURE

- | | |
|----------|---|
| 1 | Check resistance between terminals RC of suspension ECU connector and body ground. |
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**PREPARATION:**

- (a) Remove the instrument panel box assembly (See page [BO-83](#)).
- (b) Disconnect the suspension ECU connectors.

CHECK:

Measure the resistance between terminals RC of suspension ECU connector and body ground.

OK:

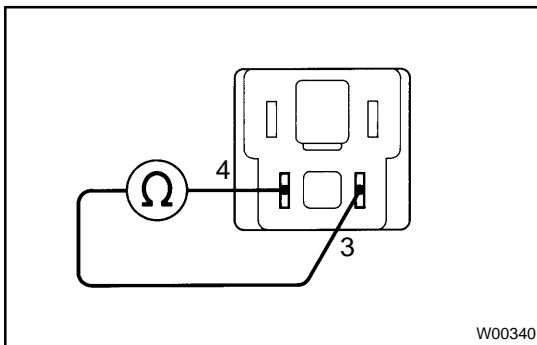
Resistance: Several Ω – 100 Ω

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-247](#)).^{*1}

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- | | |
|----------|-----------------------------|
| 2 | Check AIR SUS relay. |
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**PREPARATION:**

- (a) Remove the LH headlight (See page [BO-6](#)).
- (b) Remove the AIR SUS relay.

CHECK:

Measure the resistance between terminals 3 and 4 of AIR SUS relay.

OK:

Resistance: Several Ω – 100 Ω

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Replace AIR SUS relay.

OK

Check and repair harness and connectors between suspension ECU and AIR SUS relay.

^{*1}: However, when DTC 41 is displayed, check and replace suspension ECU.