

DTC	74	Power Source Circuit
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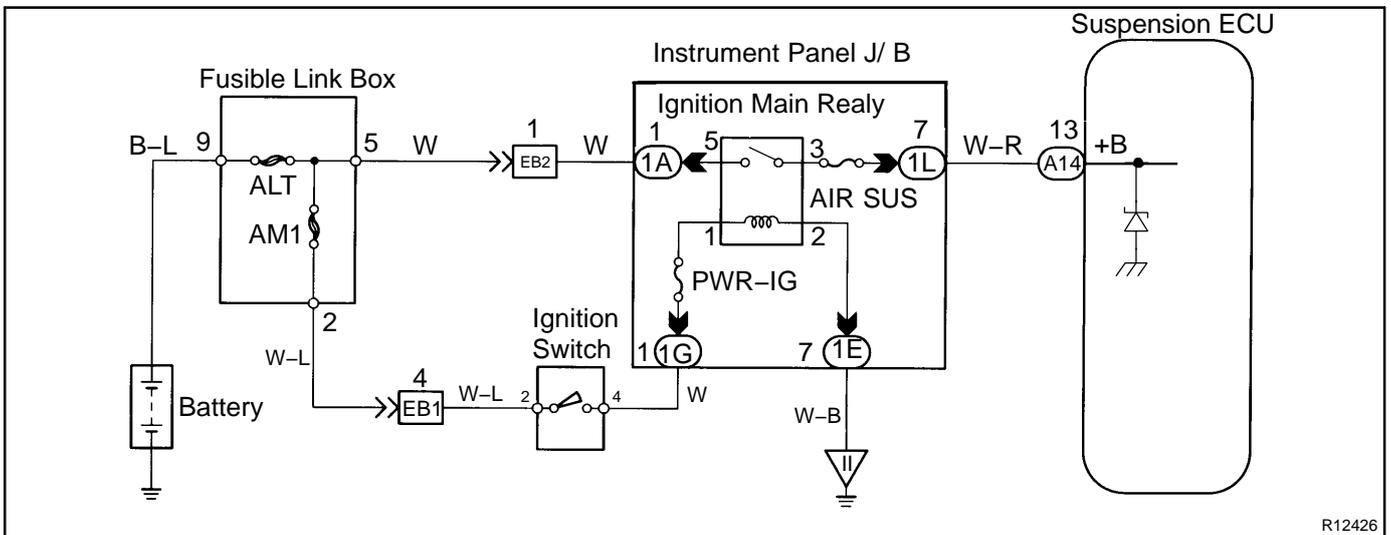
CIRCUIT DESCRIPTION

When the ignition switch is turned to ON, the ignition relay is activated and battery positive voltage is applied to terminal +B of the ECU. When the ignition switch is turned to OFF, the ignition relay is de-energized and the power source is cut off.

This power source energizes the suspension control actuator, height control valve, relay, indicator, each IC and sensor.

DTC No.	DTC Detecting Condition	Trouble Area
74	ECU terminals +B voltage is less than 9.5 - 10.5 V	<ul style="list-style-type: none"> • Harness or connectors between ECU and battery • HEATER fuse • AIR SUS fuse • Ignition relay • IC regulator (Generator) • Battery • ECU

WIRING DIAGRAM



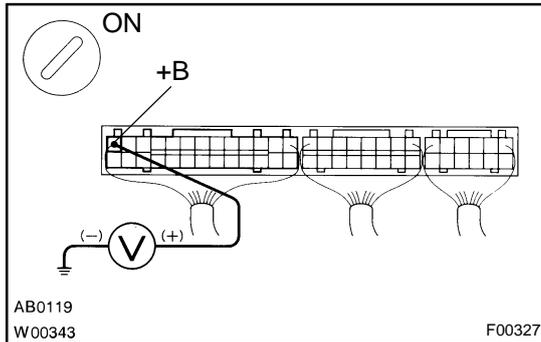
R12426

INSPECTION PROCEDURE

1	Check battery positive voltage.
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2 Check voltage between terminal +B of suspension ECU connector and body ground.



PREPARATION:

- Remove the instrument panel box assembly (See page BO-xx).
- Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal +B of suspension ECU connector and body ground.

OK:

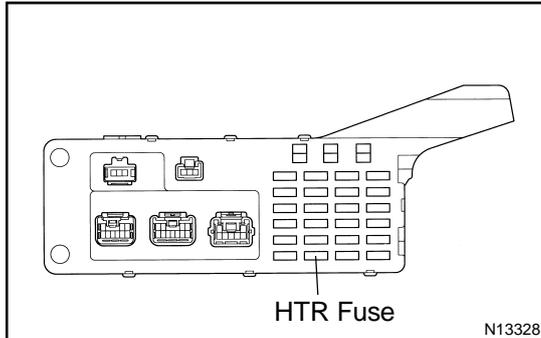
Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-247).

NG

3 Check HTR fuse.



PREPARATION:

Remove HEATER fuse from instrument panel J/B.

CHECK:

Check continuity of HEATER fuse.

OK:

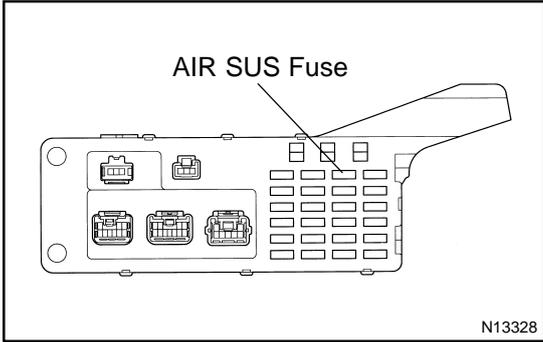
Continuity

NG

Check for short in all the harness and components connected to HTR fuse (See attached wiring diagram).

OK

4 Check AIR SUS fuse.



PREPARATION:

Remove AIR SUS fuse from instrument panel J/B.

CHECK:

Check continuity of AIR SUS fuse.

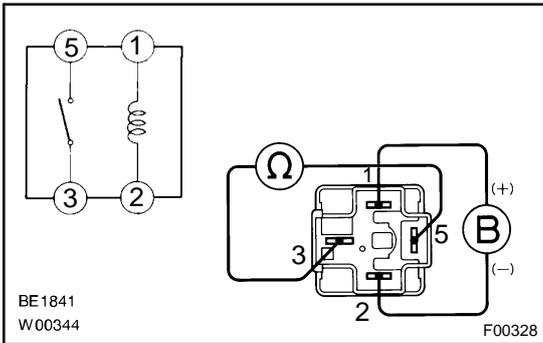
OK:

Continuity

NG Check for short in all the harness and components connected to AIR SUS fuse (See attached wiring diagram).

OK

5 Check ignition main relay.



PREPARATION:

Remove the ignition main relay from instrument panel J/B.

CHECK:

Check continuity between each pair of terminals of ignition relay shown below.

OK:

Terminals 3 and 5	Open
Terminals 1 and 2	Continuity

CHECK:

- (a) Apply battery positive voltage between terminals 1 and 2.
- (b) Check continuity between terminals 3 and 5.

OK:

Terminals 3 and 5	Continuity
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NG Replace ignition main relay.

OK

Check and repair harness and connectors between suspension ECU and relay, relay and battery.