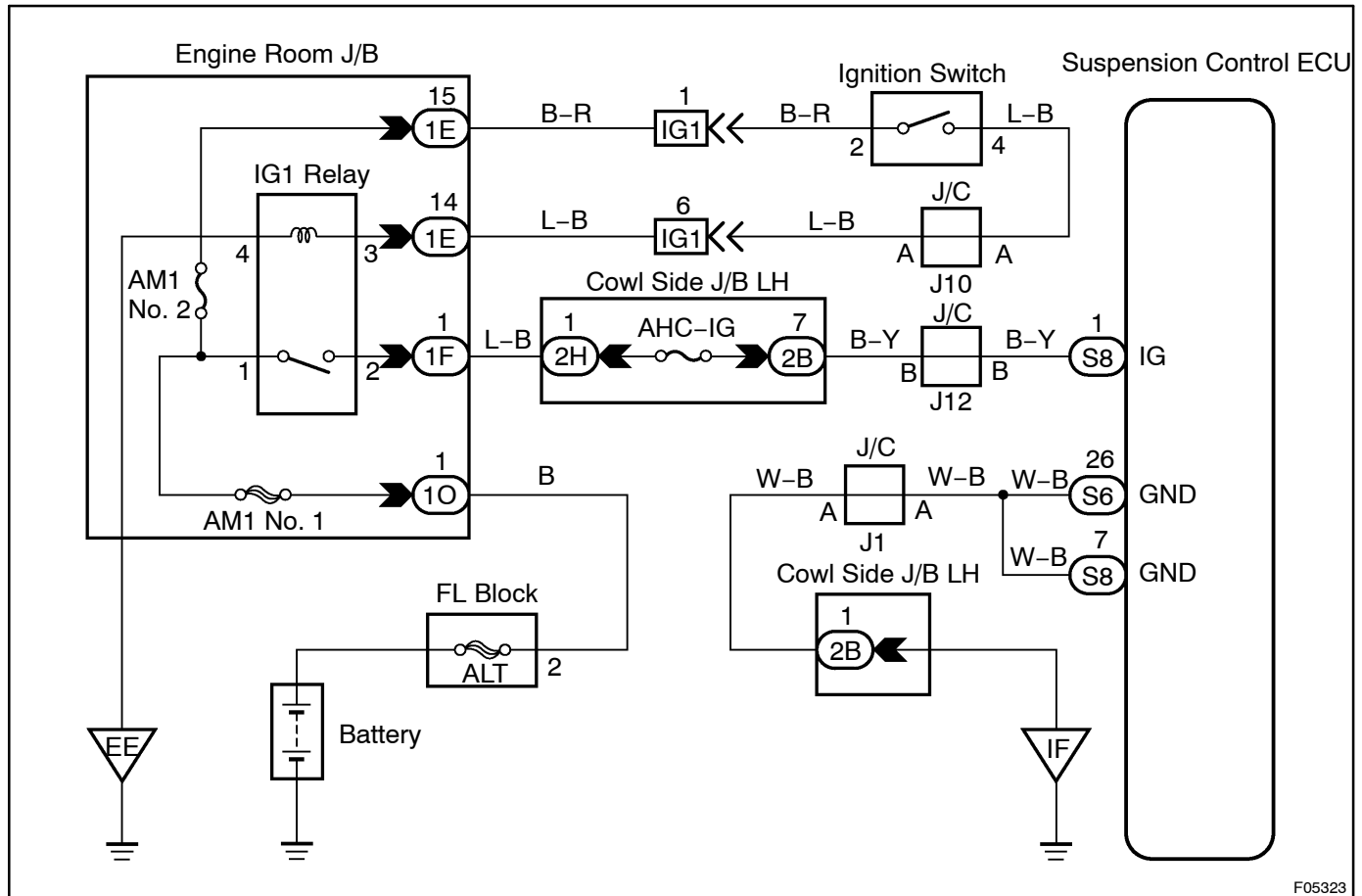


Power Source Circuit

CIRCUIT DESCRIPTION

This circuit supplies power source to the suspension control ECU. Hence the AHC pump motor and damping force control actuator can be operated.

WIRING DIAGRAM



F05323

INSPECTION PROCEDURE

1	Check battery positive voltage.
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CHECK:

- Start the engine.
- Check the battery positive voltage.

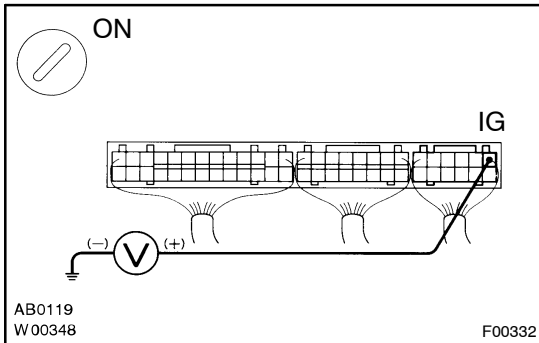
OK:

Voltage: 10 – 16 V

NG

Check and repair charging system.

OK

2 Check voltage between terminal IG of suspension control ECU and body ground.**PREPARATION:**

Remove the suspension control ECU with connectors still connected.

CHECK:

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminal IG of suspension control ECU and body ground.

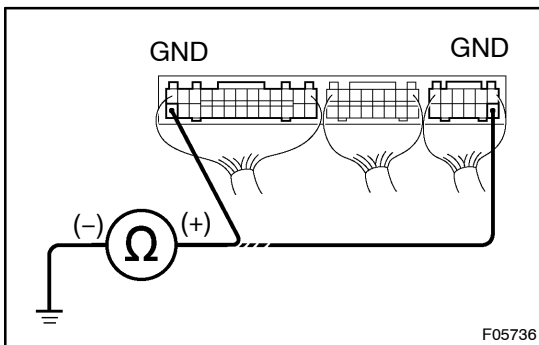
OK:

Voltage: 9 – 14 V

OK

No problem.

NG

3 Check continuity between terminal GND of suspension control ECU and body ground.**PREPARATION:**

Remove the suspension control ECU with connectors still connected.

CHECK:

Check continuity between terminal GND of suspension control ECU and body ground.

OK:

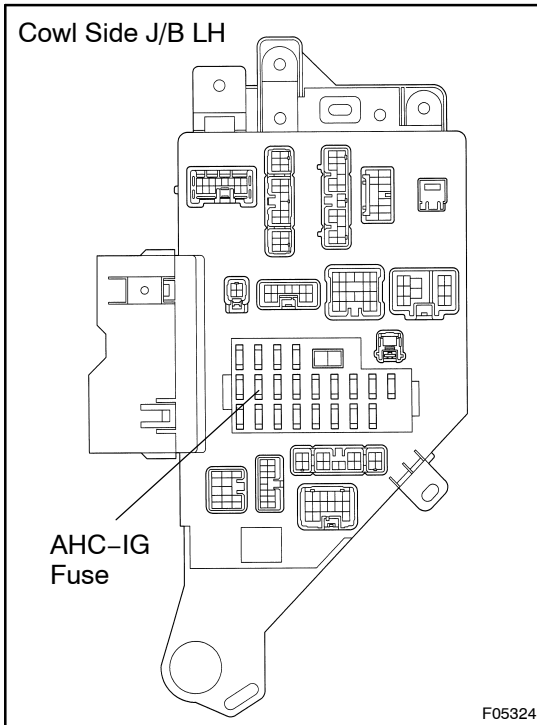
Continuity

OK

Go to step 5.

NG

4 Check AHC-IG fuse.



PREPARATION:

Remove AHC-IG fuse from Cowl Side J/B LH.

CHECK:

Check continuity of AHC-IG fuse.

OK:

Continuity

NG

Check for short circuit in all the harness and components connected to AHC-IG fuse (See attached wiring diagram).

OK

5 Check for open circuit in harness and connector between suspension control ECU and battery (See page [IN-34](#)).

NG

Repair or replace harness or connector.

OK

Check and replace suspension control ECU.