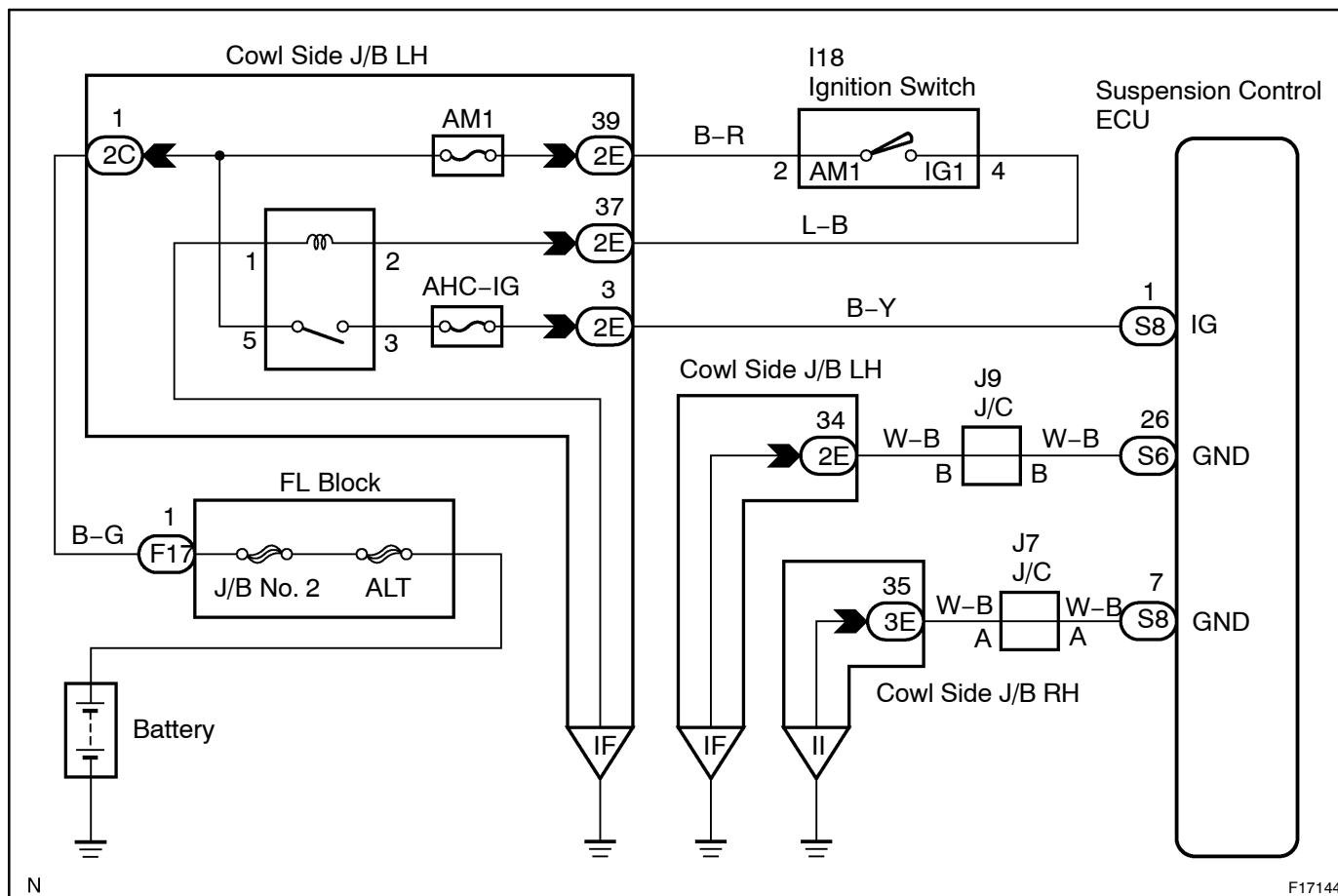


Power Source Circuit

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



INSPECTION PROCEDURE

- 1 Check battery positive voltage.

CHECK:

- (a) Start the engine.
- (b) Check the battery positive voltage.

OK:

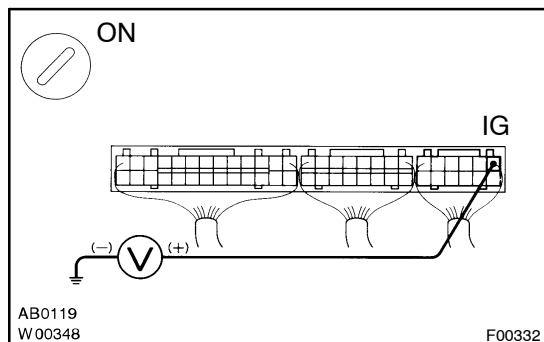
Voltage: 10 – 16 V

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:

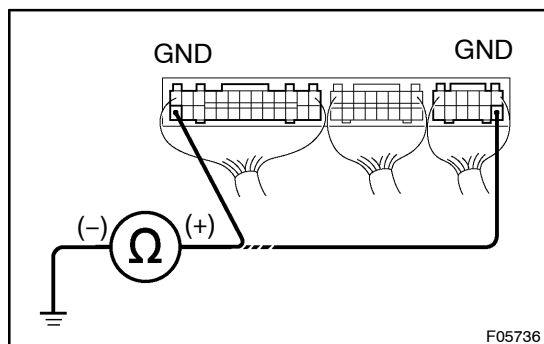
Voltage: 9 – 14 V

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.

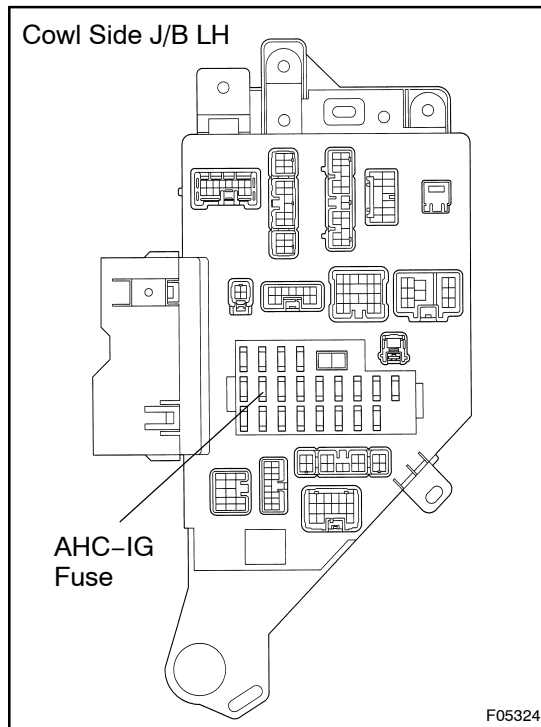
OK:

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-36](#)).

NG

Repair or replace harness or connector.

OK

Check and replace suspension control ECU.