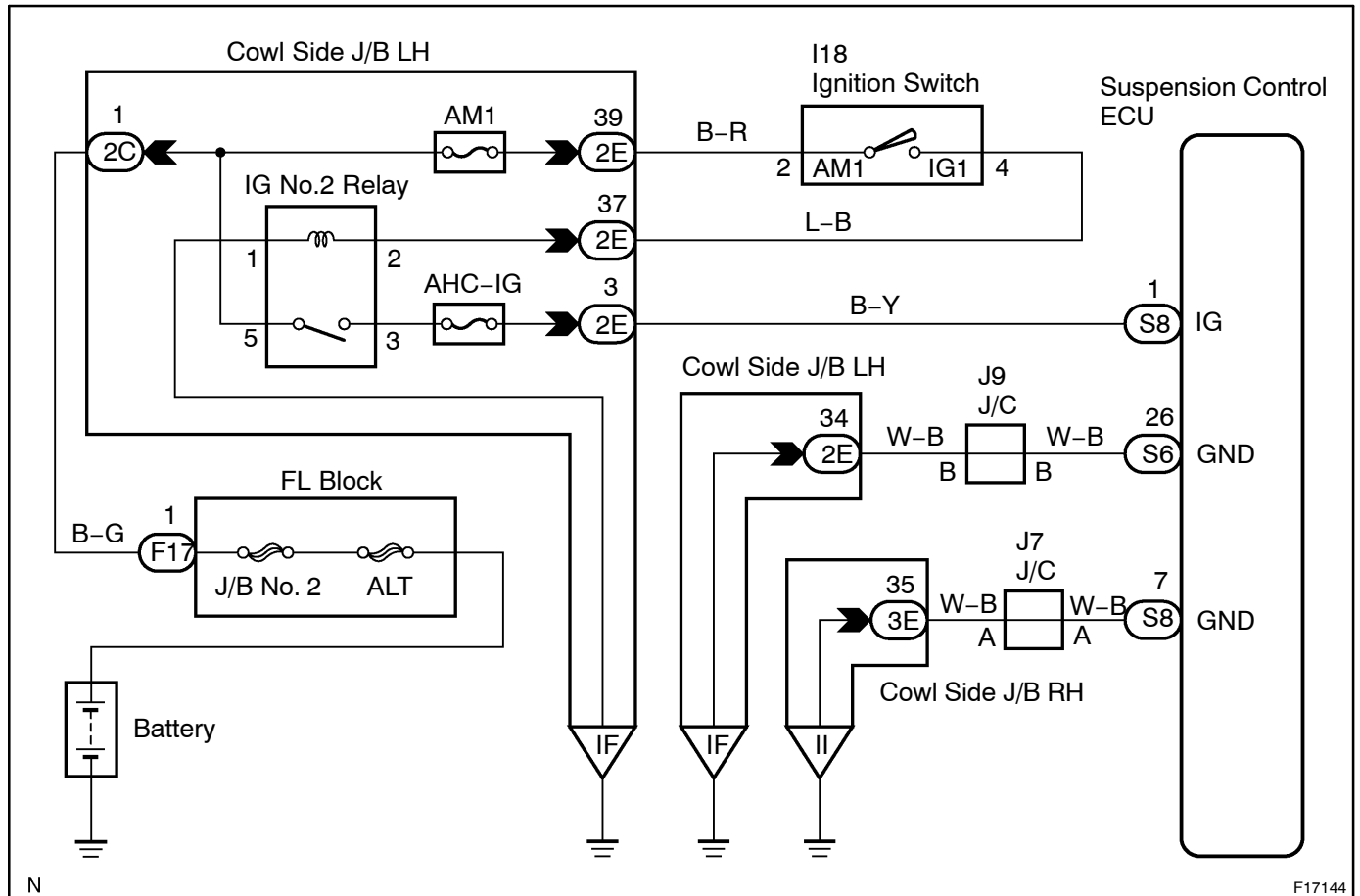


## Power Source Circuit

### 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.

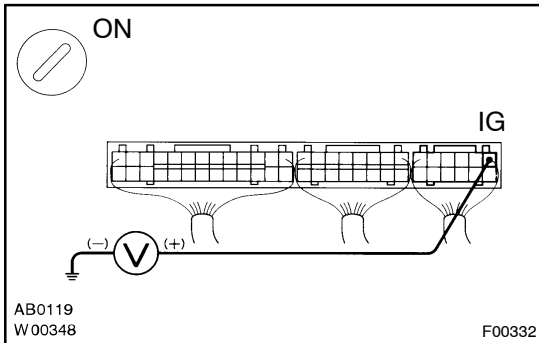
#### OK:

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.

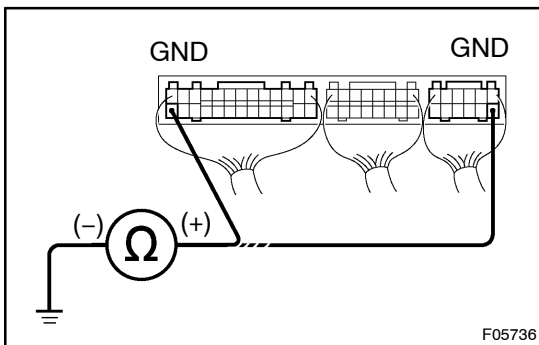
**OK:**

**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:**

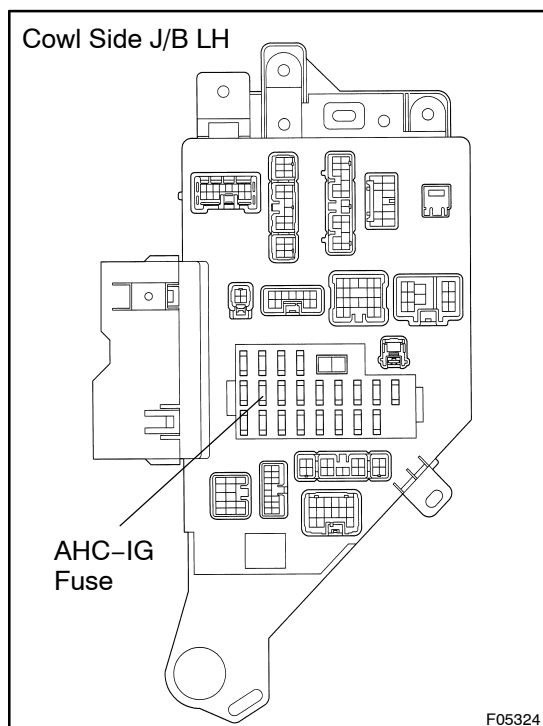
**Continuity**

**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.