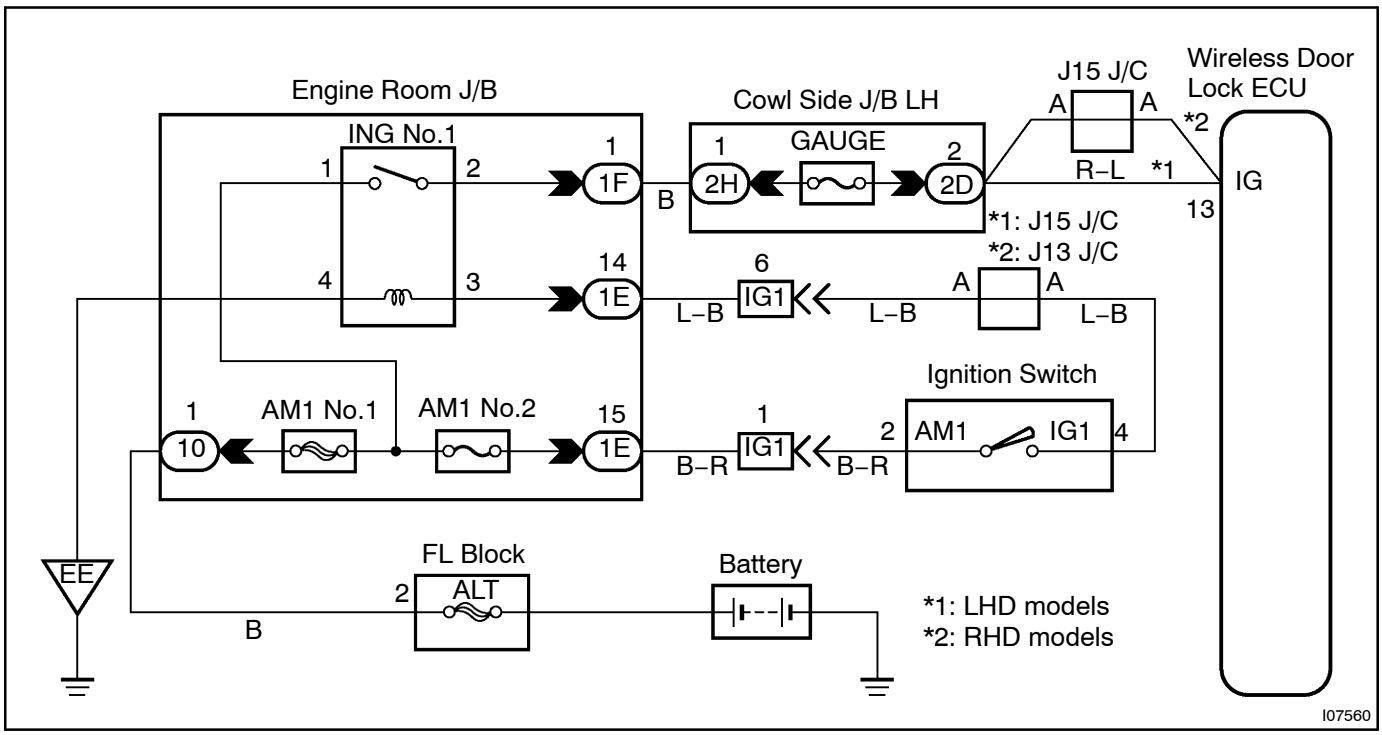
Ignition Switch Circuit

CIRCUIT DESCRIPTION

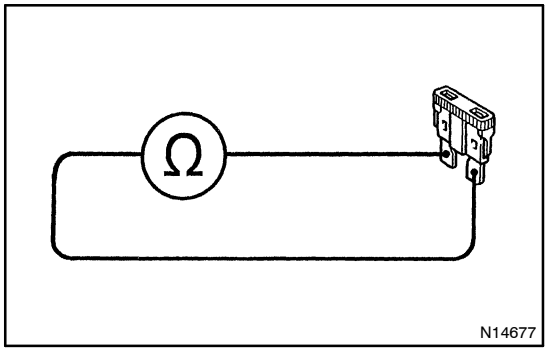
When the ignition switch is turned to the ON position, battery positive voltage is applied to the terminal IG of the ECU. Furthermore, power supplied from the terminal IG of the ECU is used as power for the wireless door lock buzzer.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check ECU–IG fuse.**



PREPARATION:

(a) Remove front lower panel.

(b) Remove ECU–IG fuse from instrument panel junction block.

CHECK:

Check continuity of ECU–IG fuse.

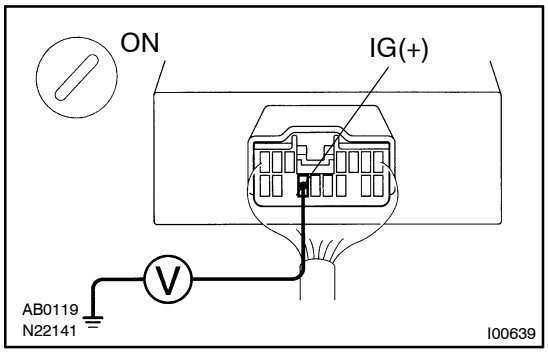
OK:

Continuity

NG	**Check for short in all the harness and components connected to ECU–IG fuse. (See attached wiring diagram.)**

OK

2	Check voltage between terminal IG of ECU and body ground.



PREPARATION:

(a) Disconnect the ECU connector.

(b) Turn the ignition switch ON.

CHECK:

Measure voltage between terminal IG of ECU connector and body ground.

OK:

Voltage: 10 – 14 V

OK → **Check and replace ECU.**

NG → **Check and repair harness and connector between ECU and battery (See page IN–35).**