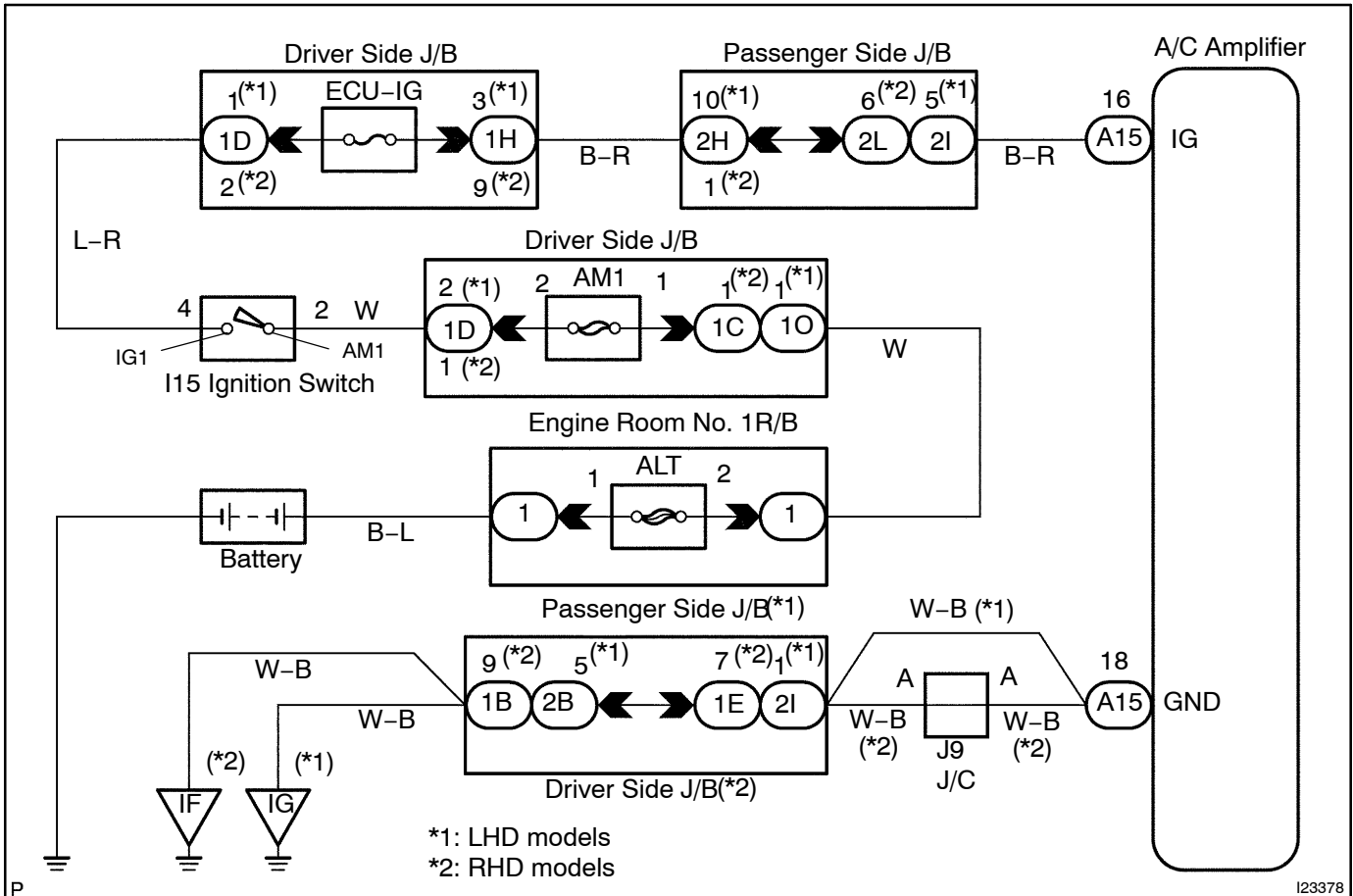


IG Power Source Circuit

CIRCUIT DESCRIPTION

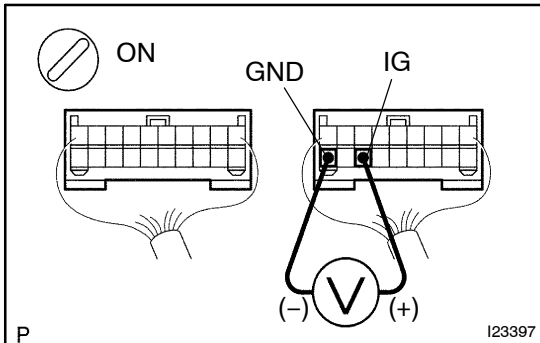
This is the power source for the A/C amplifier (contains the ECU) and servomotors, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminals IG and GND of A/C amplifier connector.

**PREPARATION:**

- (a) Remove A/C amplifier with connectors still connected.
- (b) Turn ignition switch to ON.

CHECK:

Measure voltage between terminals IG and GND of A/C amplifier.

OK:

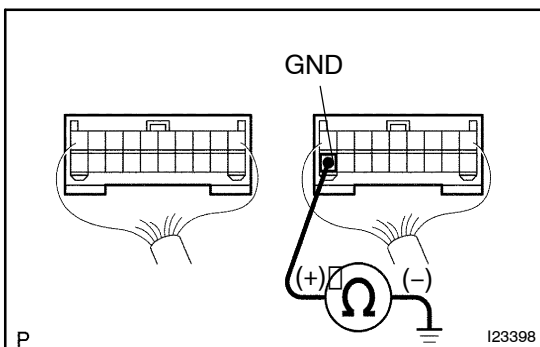
Voltage 10 - 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-612)

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2 Check continuity between terminal GND of A/C amplifier and body ground.

**CHECK:**

Measure resistance between terminal GND of A/C amplifier and body ground.

OK:

Resistance : 0 Ω (Continuity)

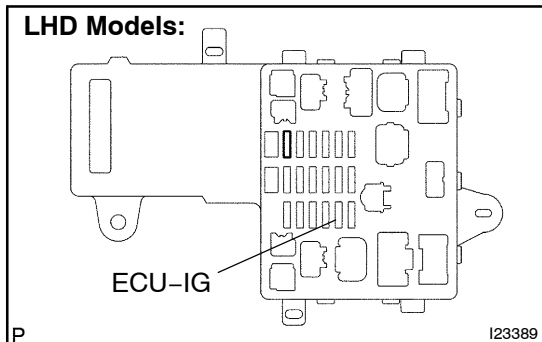
NG

Repair or replace harness or connector.

OK

3 Check ECU-IG fuse.

LHD Models:



PREPARATION:

Remove ECU-IG fuse from driver side J/B.

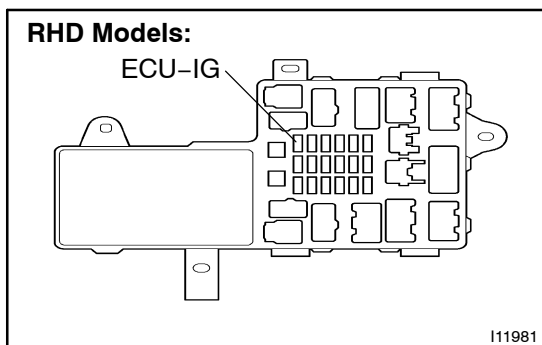
CHECK:

Check continuity of ECU-IG fuse.

OK:

Continuity exists.

RHD Models:



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

OK

Check and repair harness and connector between A/C amplifier and battery.