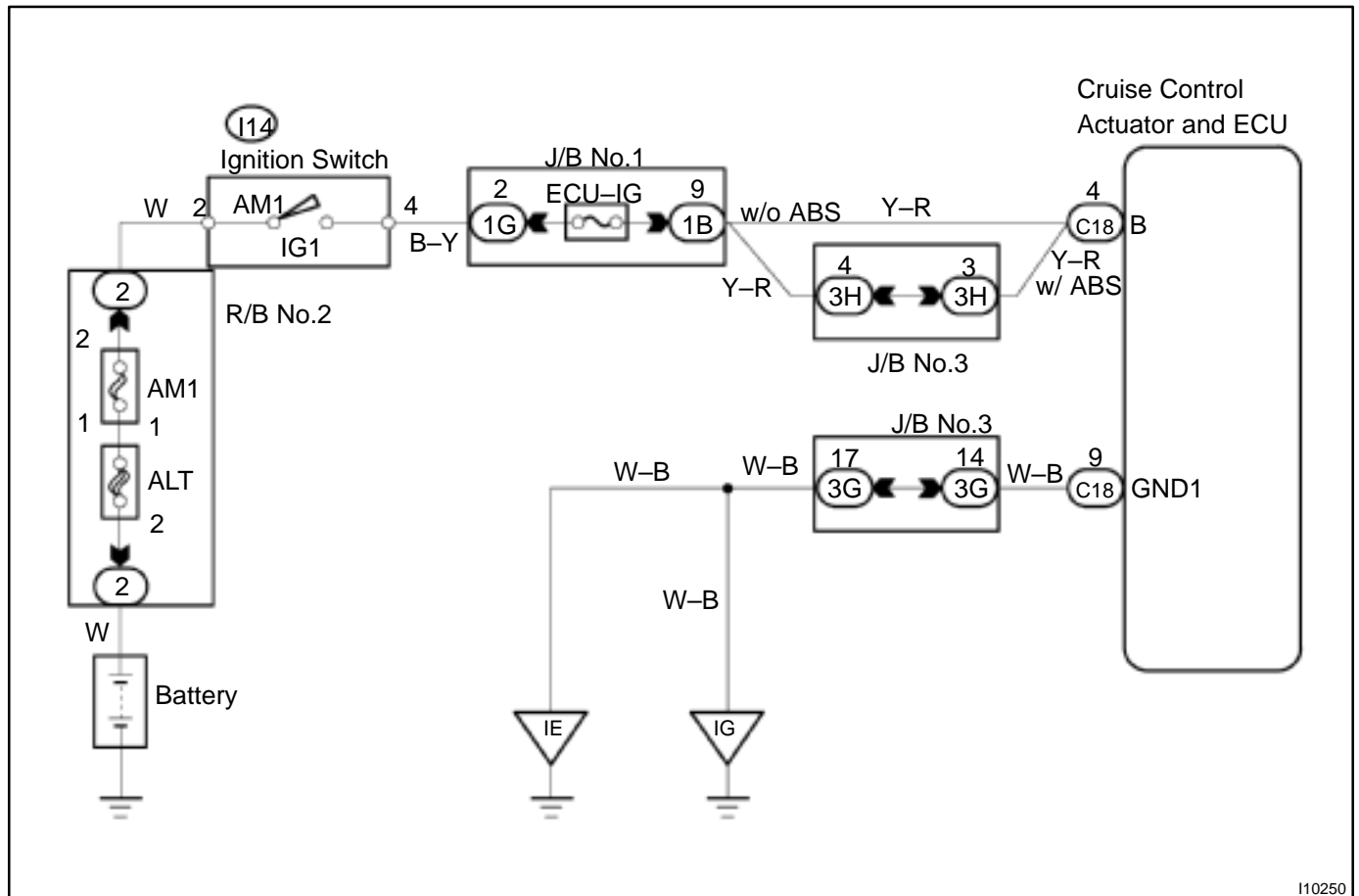


ECU Power Source Circuit

CIRCUIT DESCRIPTION

The ECU power source supplies power to the actuator and sensors, etc.. When terminal GND and the cruise control ECU case are grounded.

WIRING DIAGRAM

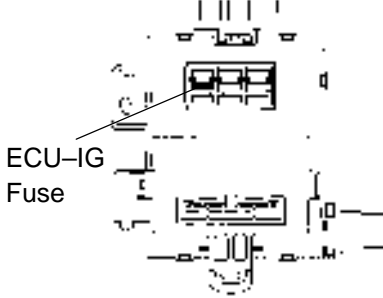


I10250

INSPECTION PROCEDURE

1 Check ECU-IG fuse.

No.1 J/B



N14327

PREPARATION:

Remove ECU-IG fuse from junction block No.1.

CHECK:

Check continuity of ECU-IG fuse.

OK:

Continuity

NG

Check for short in all the harness and components connected to ECU-IG fuse.

OK

2 Check voltage between terminals B and GND of cruise control actuator and ECU connector.



B (+)

GND (-)

ABC
N 20322

100721

PREPARATION:

Remove cruise control ECU with connector still connected.

CHECK:

- (a) Turn ignition switch ON.
- (b) Measure voltage between terminals B and GND of cruise control ECU connector.

OK:

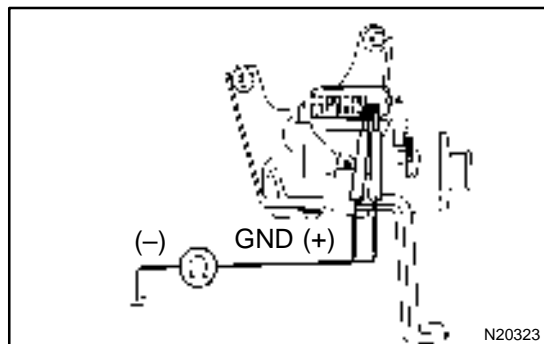
Voltage: 10 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-621](#)).

NG

- 3** Check resistance between terminal GND of cruise control actuator and ECU connector and body ground (See page [IN-28](#)).

**CHECK:**

Measure resistance between terminal GND of cruise control ECU connector and body ground.

OK:

Resistance: Below 1 Ω

NG

Repair or replace harness or connector.

OK

Check and repair harness and connector between battery and cruise control actuator and ECU (See page [IN-28](#)).