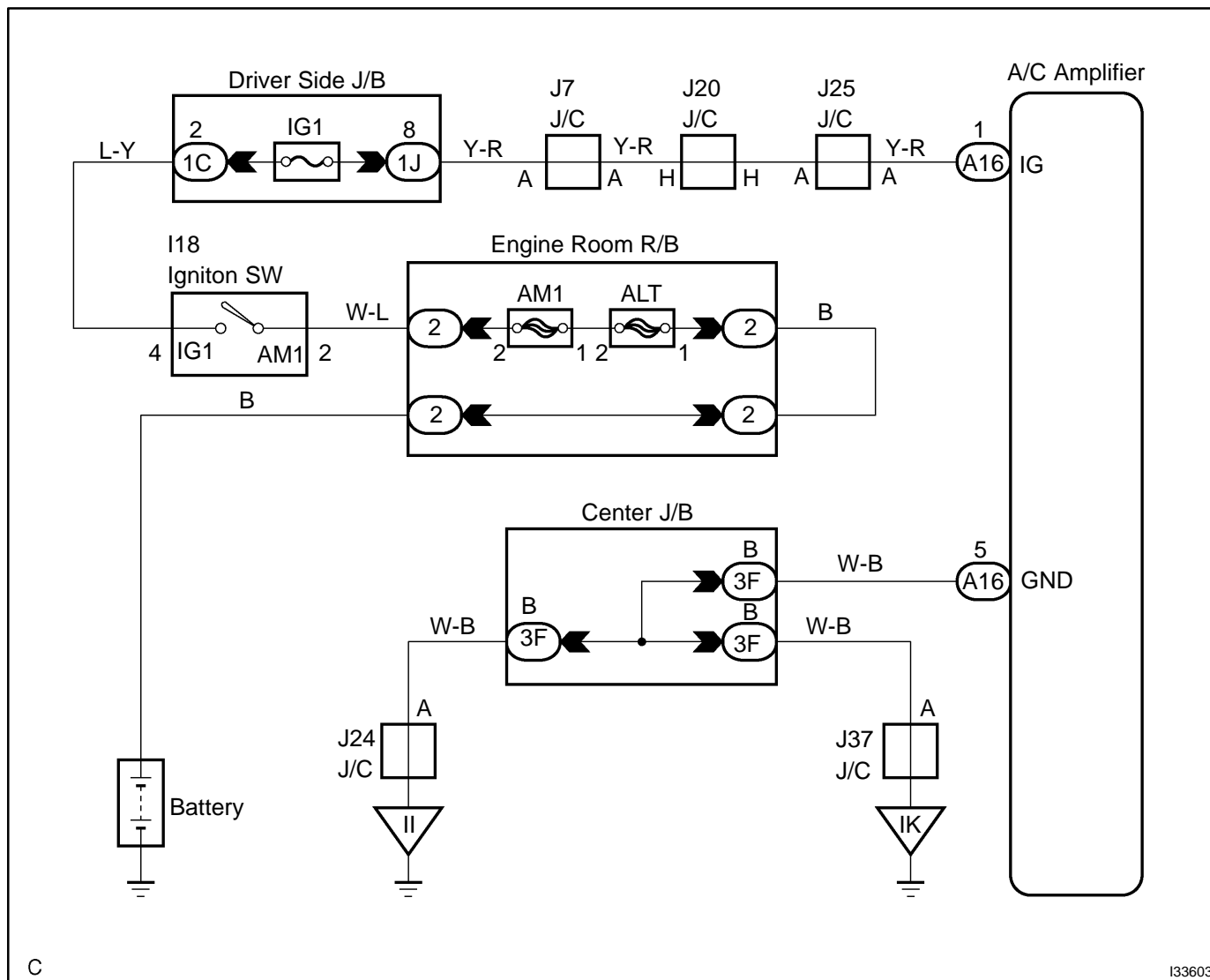


IG POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

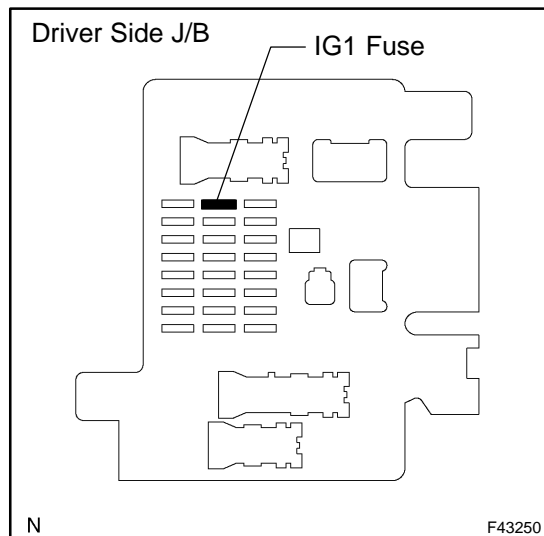
This circuit is the power source for the A/C amplifier assy (contains the ECU), servomotor, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK FUSE(IG1)



- (a) Remove the IG1 fuse from the driver side J/B.
- (b) Check that continuity exists in the IG1 fuse.

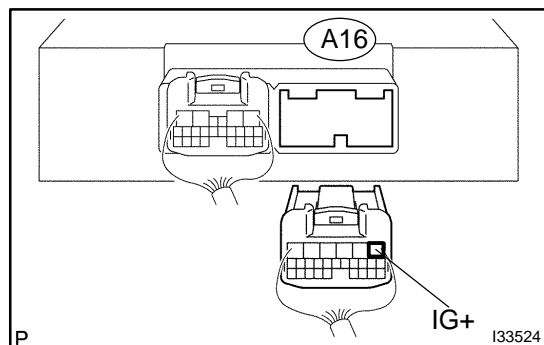
Standard: Continuity exists.

NG

REPLACE FUSE

OK

2 CHECK HARNESS AND CONNECTOR(BETWEEN AIR CONDITIONING AMPLIFIER AND BATTERY)



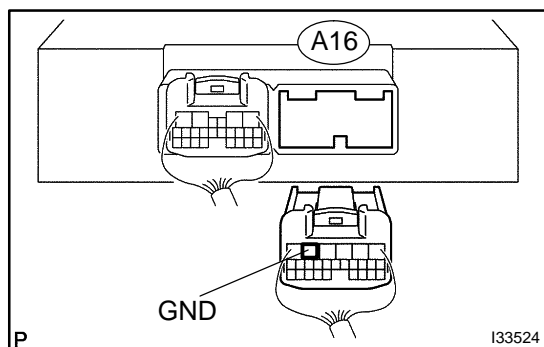
- (a) Disconnect the "A16" connector from the A/C amplifier.
- (b) Turn the ignition switch to ON.
- (c) Measure voltage between terminal IG+ of the A/C amplifier and body ground.

Voltage: 10 - 14 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 CHECK HARNESS AND CONNECTOR(BETWEEN AIR CONDITIONING AMPLIFIER AND BODY GROUND)

- (a) Disconnect the "A16" connector from the A/C amplifier assy.
- (b) Measure resistance between terminal GND of the A/C amplifier and body ground.

Resistance: Below 1.0 Ω (Continuity)

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE