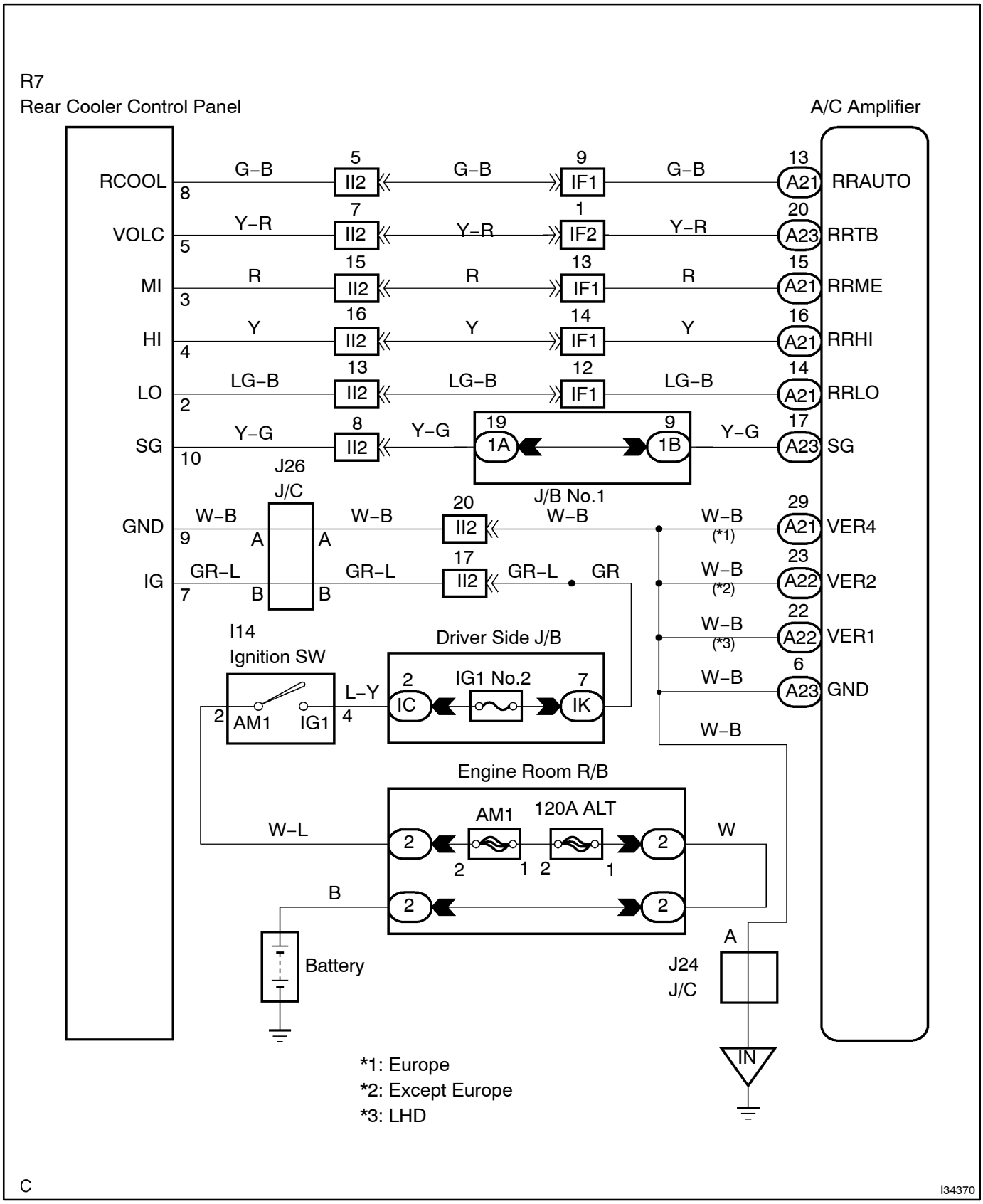
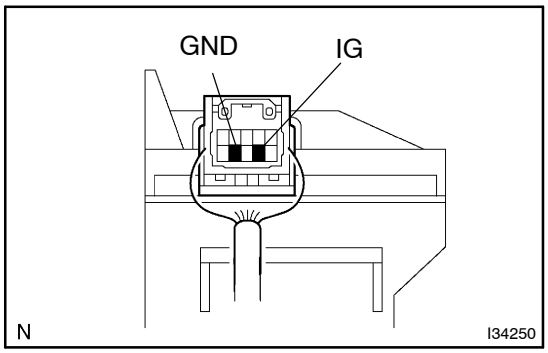
REAR COOLER CONTROL PANEL CIRCUIT

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK REAR COOLER CONTROL PANEL (IG, GND)

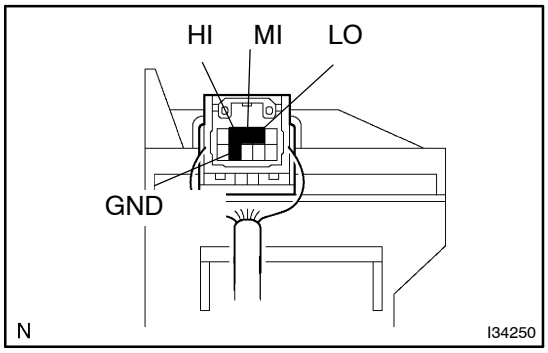


(a) Remove the rear cooler control panel.
(b) Turn the ignition switch to the ON.
(c) Measure the voltage between the terminal IG and GND of rear cooler control panel.
Standard: 10 to 14 V

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

2 INSPECT REAR COOLER CONTROL PANEL (LO, MI, HI, GND)



(a) Remove the rear cooler control panel.
(b) Turn the ignition switch to the ON.
(c) Measure the voltage between the terminal LO, MI, HI and GND of the rear cooler control panel and GND when the rear cooler panel is operated to the following positions.
Standard:

Terminal / Position	LO – GND	MI – GND	HI – GND
LO	Below 1.0 V	10 to 14 V	10 to 14 V
ME	10 to 14 V	Below 1.0 V	10 to 14 V
HI	10 to 14 V	10 to 14 V	Below 1.0 V

NG → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE** **(See page 05–349)**

OK

3	**CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER – REAR COOLER CONTROL SW)**

(a) Check for open or short in the harness and the connector between the A/C amplifier and the rear cooler control SW (See page 01–35).

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE AIR CONDITIONING AMPLIFIER