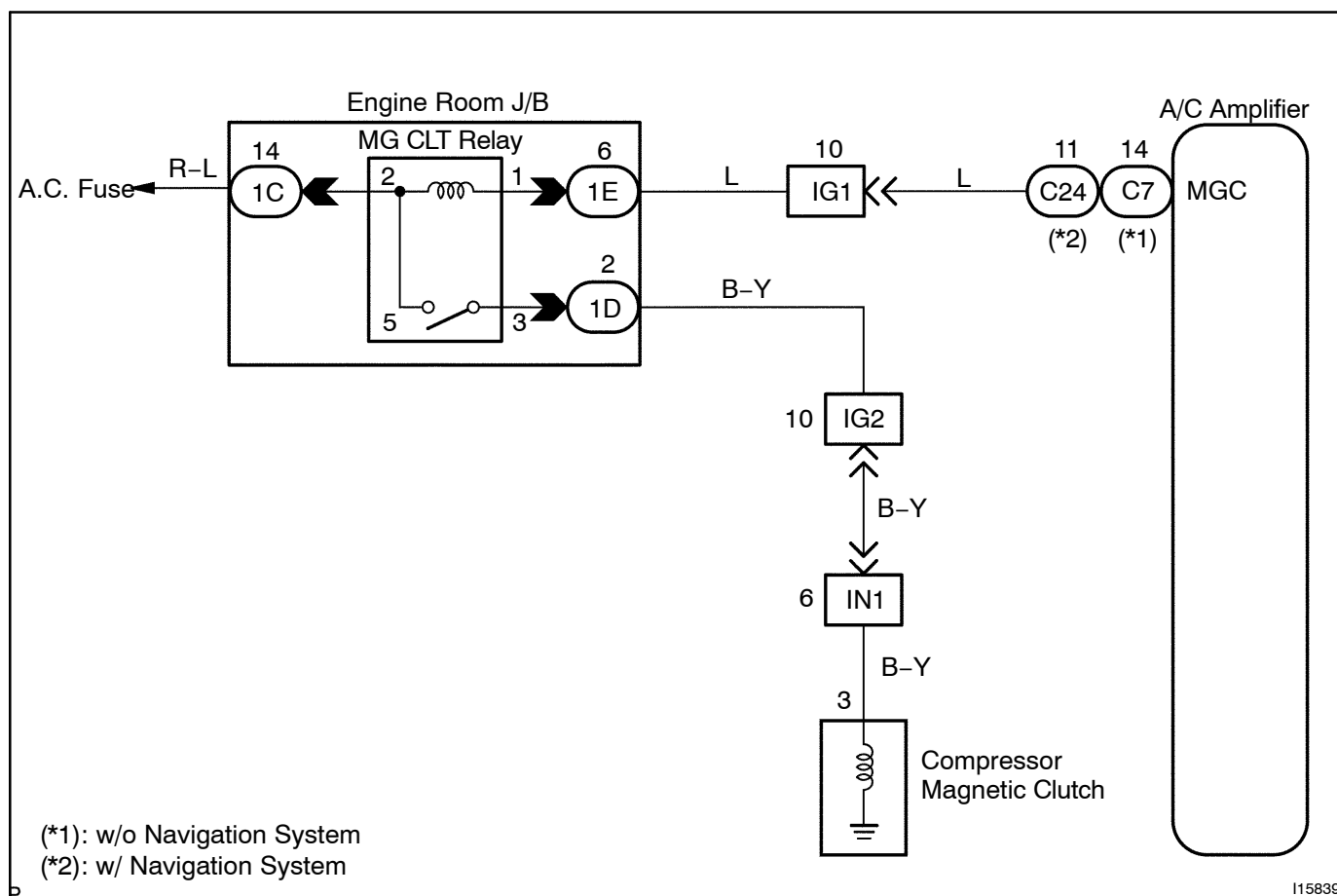


Compressor Circuit

CIRCUIT DESCRIPTION

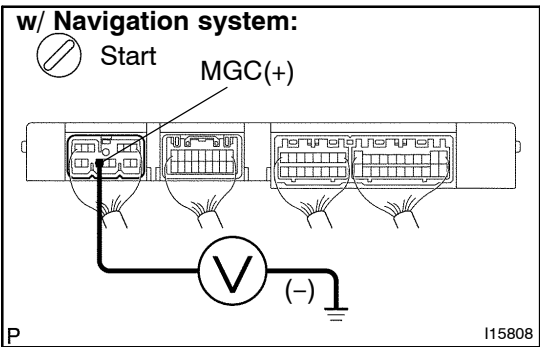
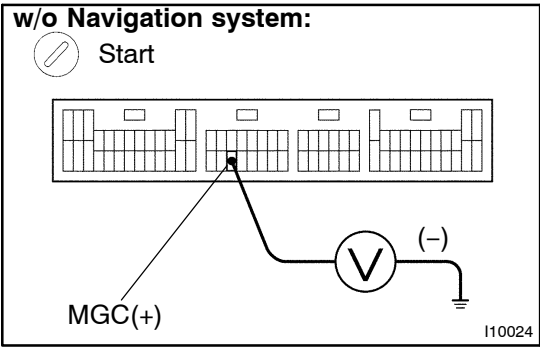
A/C amplifier switches the A/C magnetic clutch relay ON, thus turning the A/C compressor magnetic clutch ON.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check voltage between terminal MGC of A/C amplifier connector.
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- CHECK:**
- (a) Start engine.
 - (b) Push AUTO SW.
 - (c) Measure voltage between terminal MGC of A/C amplifier connector and body ground when A/C switch is ON and OFF.

OK:

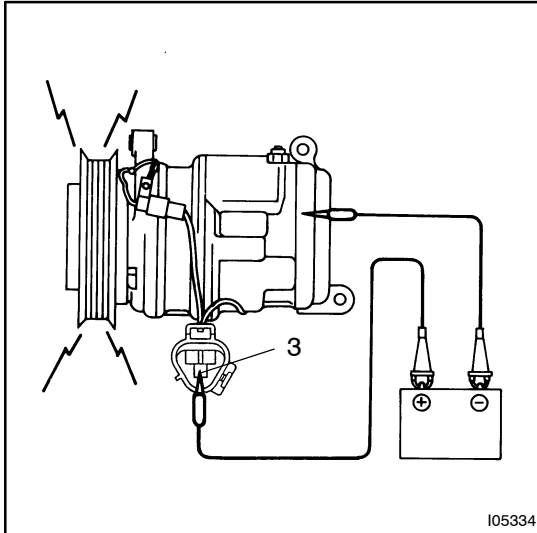
A/C switch	Voltage
ON	0 V
OFF	10 - 14 V

OK

Check and replace A/C amplifier.

NG

2 Check A/C compressor magnetic clutch.

**PREPARATION:**

Disconnect magnetic clutch connector.

CHECK:

Connect positive (+) lead connected to battery to magnetic clutch connector terminal 3.

OK:

Magnetic clutch is energized.

NG

Repair A/C compressor magnetic clutch.

OK

3 Check harness and connector between A/C compressor and MC CLT relay (See page [IN-34](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.