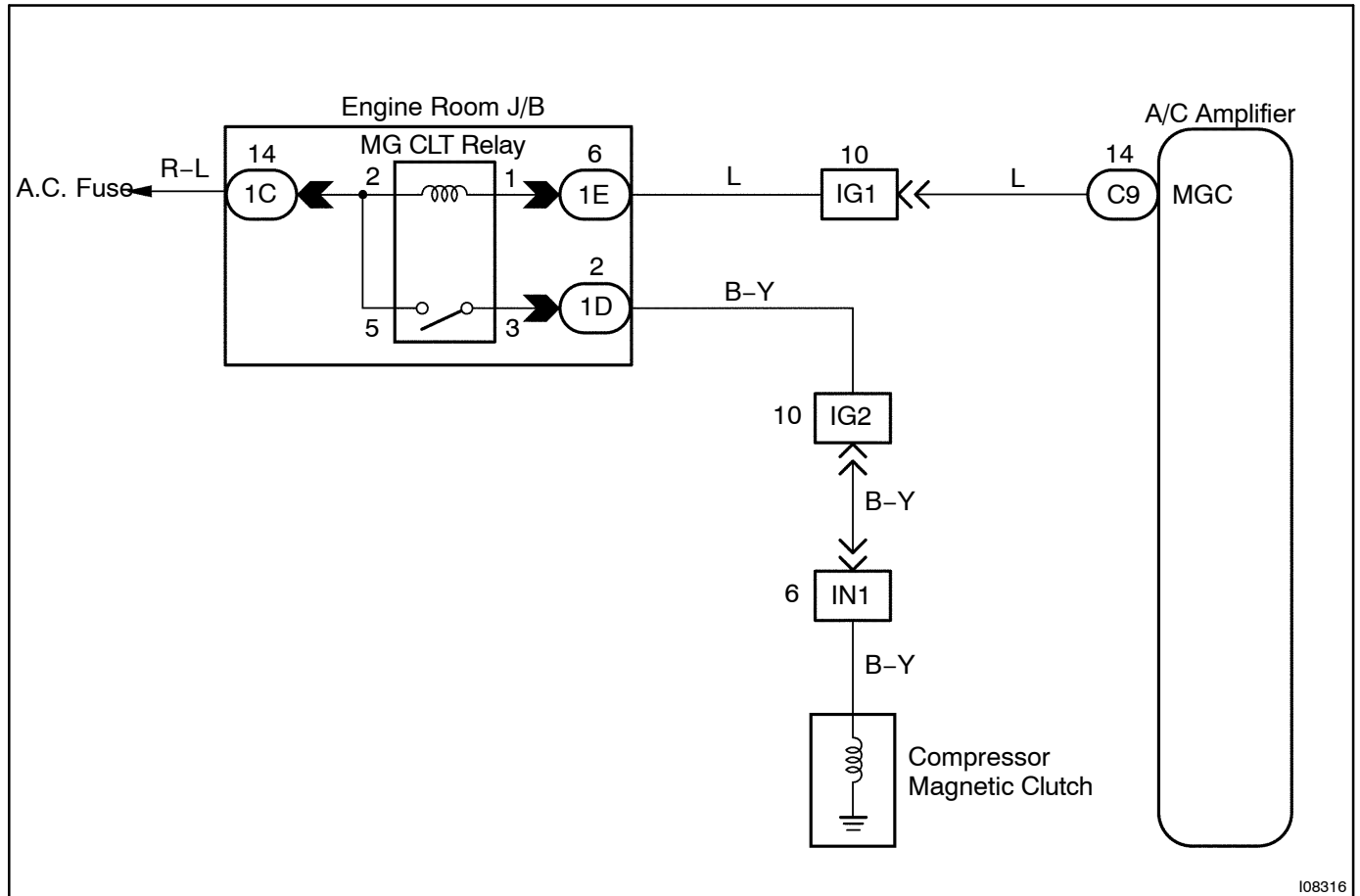


Compressor Magnetic Clutch Circuit

CIRCUIT DESCRIPTION

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

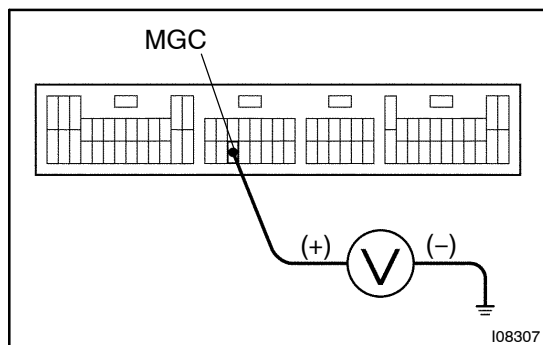
WIRING DIAGRAM



I08316

INSPECTION PROCEDURE

1 Check voltage between terminal ACMG of ECM.

**CHECK:**

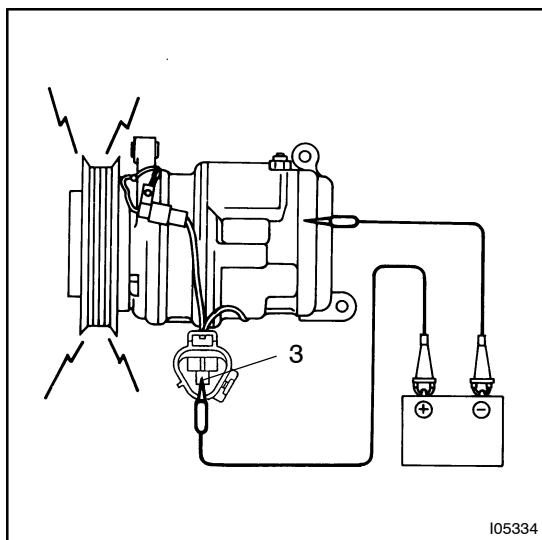
- (a) Start engine.
- (b) Push AUTO SW.
- (c) Measure voltage between terminal MGC of A/C amplifier connector and body ground when A/C switch is ON and OFF.

OK:

A/C switch	Voltage
ON	10 – 4 V
OFF	0 V

OK**Check and replace ECM and/or A/C control assembly.****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 amplifier and MG CLT relay (See page IN-34)
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NG**Repair or replace harness or connector.****OK****Check and replace A/C amplifier.**