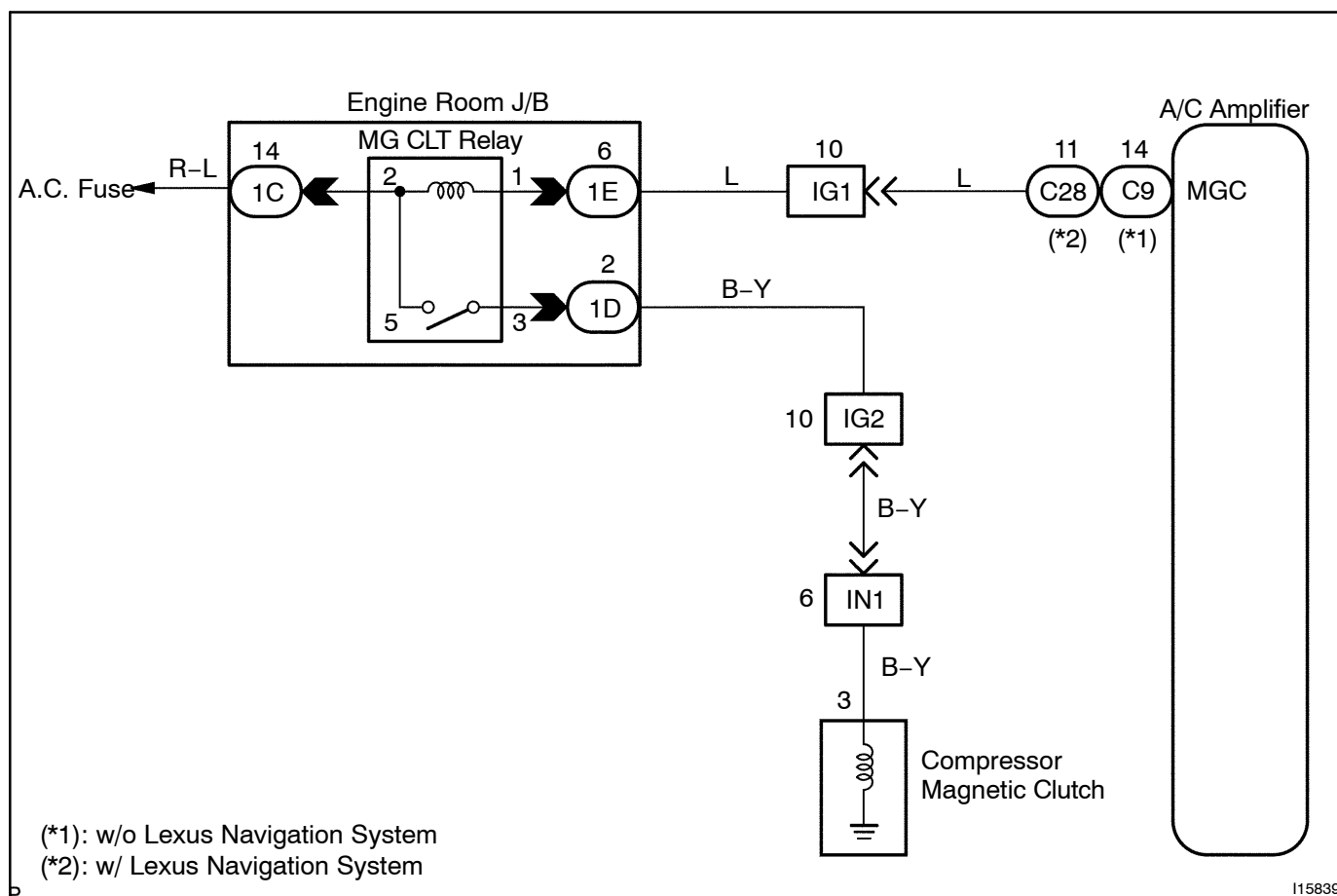


Compressor Magnetic Clutch Circuit

CIRCUIT DESCRIPTION

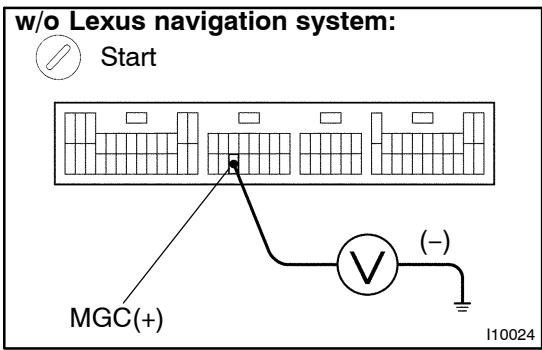
A/C amplifier switches the A/C magnetic clutch relay ON, thus turning the A/C compressor magnetic clutch ON.

WIRING DIAGRAM



INSPECTION PROCEDURE

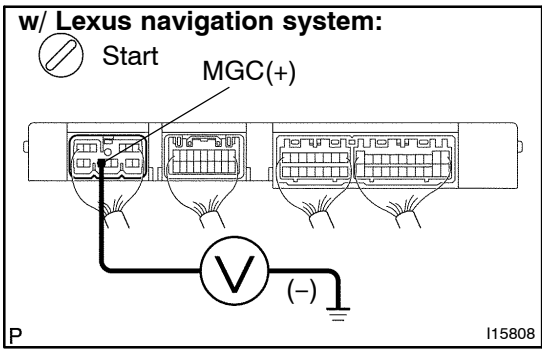
1	Check voltage between terminal ACMG of ECM.
---	---



- 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:

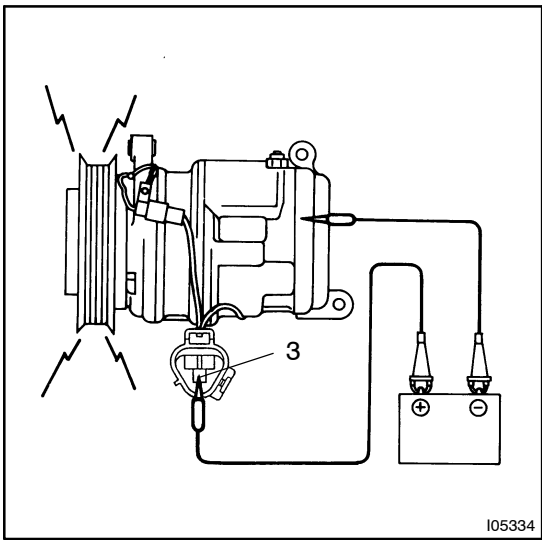
A/C switch	Voltage
ON	0 V
OFF	10 - 14 V



OK Check and replace ECM and/or A/C control assembly.

NG

2	Check A/C compressor magnetic clutch.
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- 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](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.