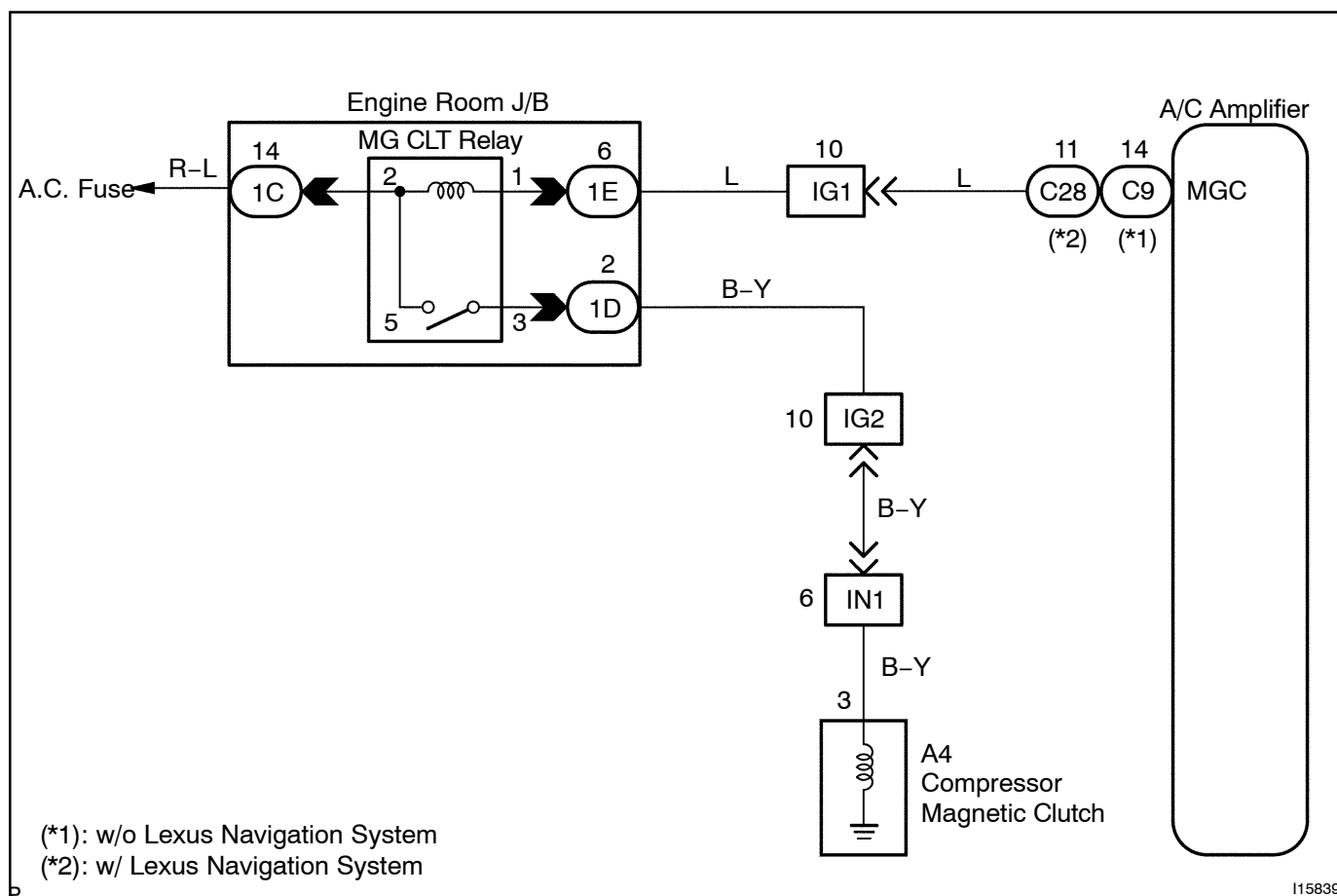


CIRCUIT DESCRIPTION

WIRING DIAGRAM

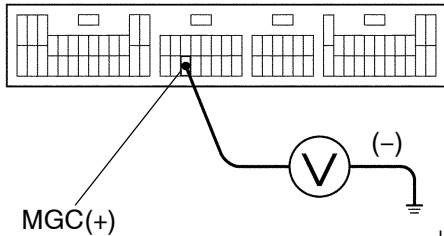


INSPECTION PROCEDURE

1 Check voltage between terminal ACMG of ECM.

w/o Lexus navigation system:

Start



I10024

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

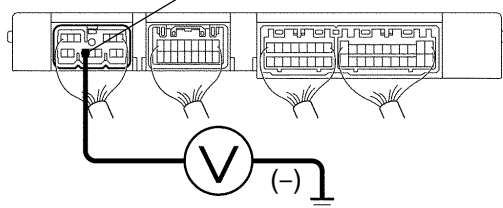
OK

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

w/ Lexus navigation system:

Start

MGC(+)



I15808

NG

2 Check A/C compressor magnetic clutch.

PREPARATION:

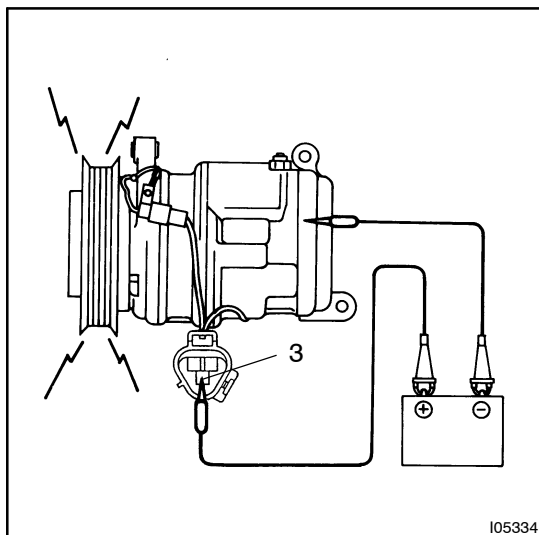
Disconnect magnetic clutch connector.

CHECK:

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

OK:

Magnetic clutch is energized.



I05334

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.