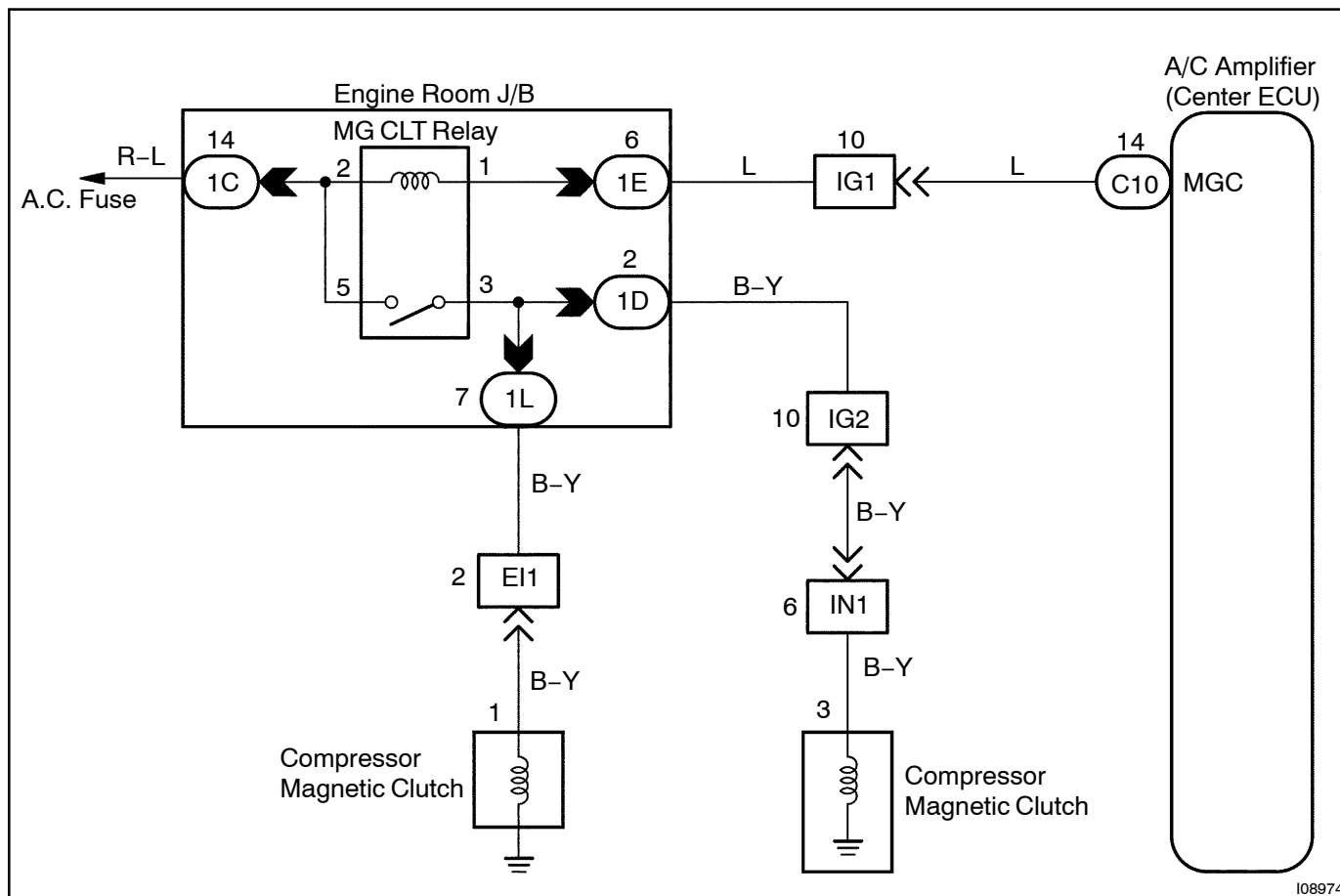


## Compressor Circuit

### CIRCUIT DESCRIPTION

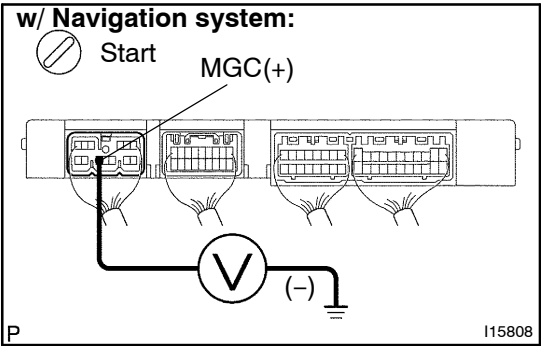
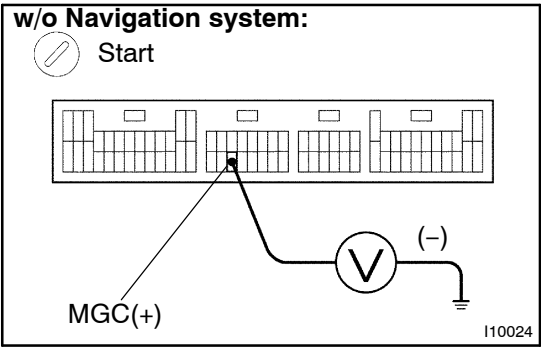
A/C amplifier switches the A/C magnetic clutch relay ON, thus turning the A/C compressor magnetic clutch ON.

### WIRING DIAGRAM



INSPECTION PROCEDURE

|   |                                                                |
|---|----------------------------------------------------------------|
| 1 | Check voltage between terminal MGC of A/C amplifier connector. |
|---|----------------------------------------------------------------|



- 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:**

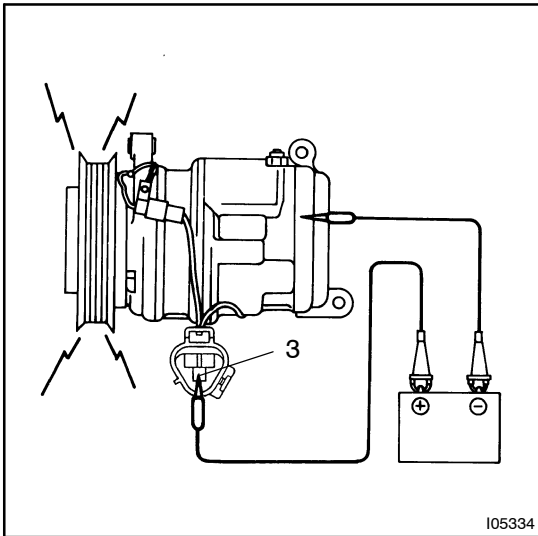
| A/C switch | Voltage   |
|------------|-----------|
| ON         | 0 V       |
| OFF        | 10 - 14 V |

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.**