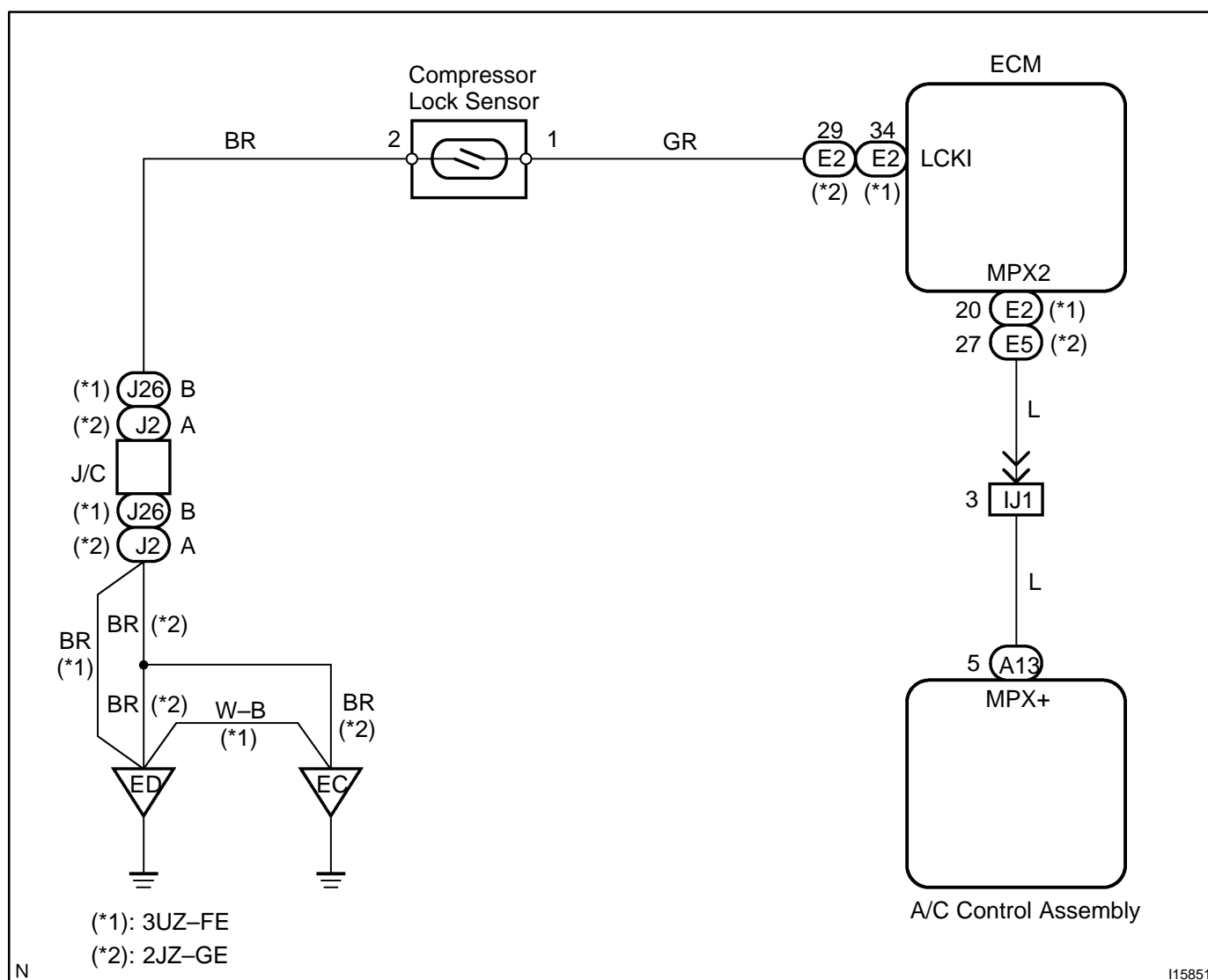


CIRCUIT DESCRIPTION

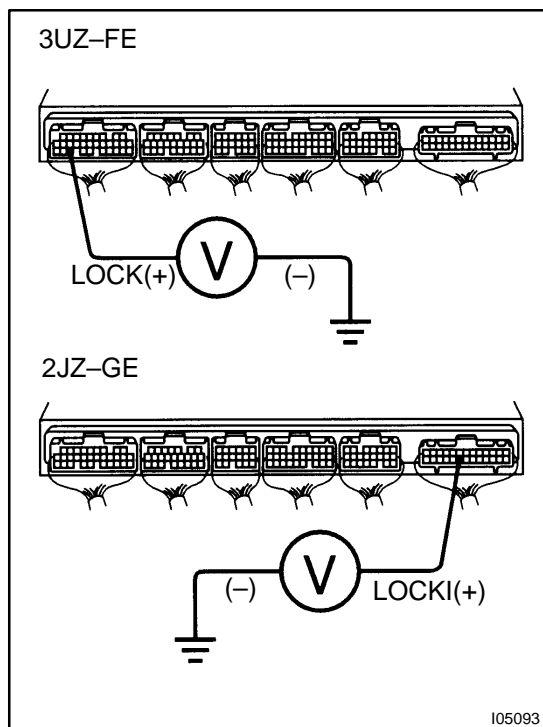
If the number ratio of the compressor speed divided by the engine speed is smaller than a predetermined value, the ECM turns the compressor OFF. And, the indicator flashes at about 1 second intervals.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminal LCKI of ECM and body ground.

**CHECK:**

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

OK:

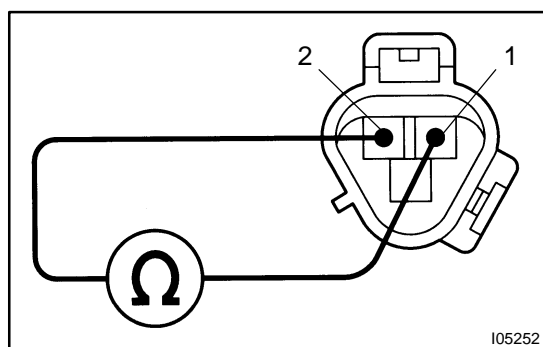
Voltage : 10 – 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1309).

NG

2 Check compressor lock sensor.

**PREPARATION:**

- (a) Jack up the vehicle.
- (b) Disconnect compressor lock sensor connector.

CHECK:

Measure resistance between terminals 1 and 2 of compressor lock sensor connector.

OK:

Resistance :

at 20°C (68°F) : 990 – 1210 Ω

at 100°C (212°F) : 1280 – 1550 Ω

NG

Replace compressor lock sensor.

OK

3 Check harness and connectors between ECM and compressor lock sensor.
(See page IN-32).

NG**Repair or replace harness or connector.****OK****4****Check harness and connectors between ECM and A/C control assembly.
(See page [IN-32](#)).****NG****Repair or replace harness or connector.****OK****Check and replace ECM and A/C control assembly.**