

CIRCUIT DESCRIPTION

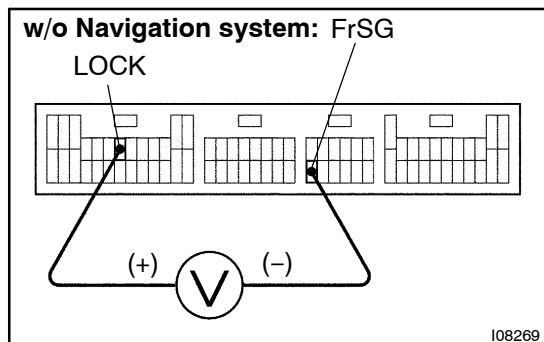
If the number ratio of the compressor speed divided by the engine speed is smaller than a predetermined value, the A/C amplifier turns the compressor OFF. And, the indicator flashes at about 1 second intervals.

WIRING DIAGRAM

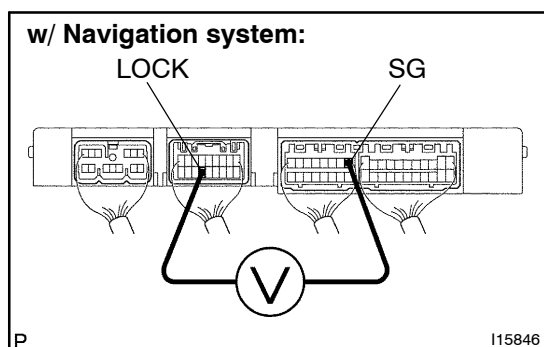


INSPECTION PROCEDURE

1	Check voltage between terminal LOCK and FrSG (or SG) of A/C amplifier.
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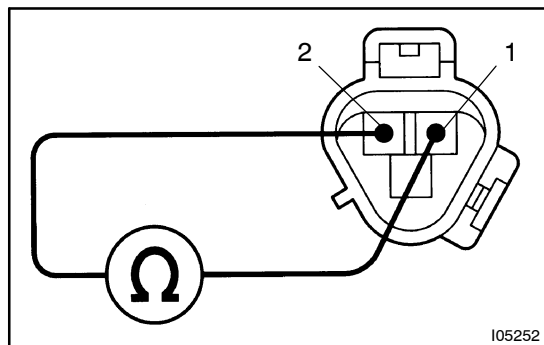
**CHECK:**

- (a) Start engine.
- (b) Push AUTO SW.
- (c) Measure voltage between terminal LOCK and FrSG (or SG) of A/C amplifier connector when A/C switch is ON.

OK:**Voltage : 10 – 14 V****OK****Go to step 2.****NG**

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-130](#)). However, if DTC 22 is displayed, check and replace A/C amplifier.

2	Check compressor lock sensor.
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**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.**

OK

3

Check harness and connectors between A/C amplifier and compressor lock sensor ([See page IN-34](#)).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier and compressor lock sensor.