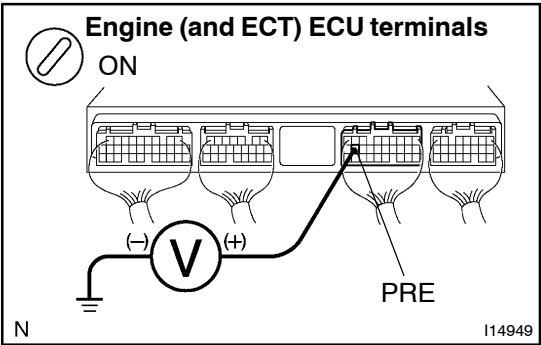


114171

INSPECTION PROCEDURE

1	Check voltage between terminal PRE of ECM and body ground.
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PREPARATION:

Install the manifold gauge set.

CHECK:

- Turn ignition switch ON.
- Check voltage between terminal PRE of ECM connector and body ground when A/C gas pressure is changed.

OK:

The voltage changes with gas pressure, as shown in the diagram below.

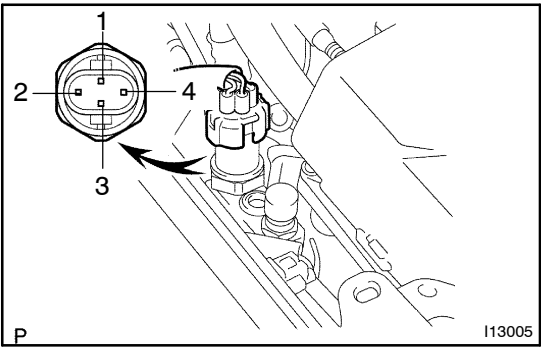
Low Pressure Cut Side	Reference : High Pressure Cut Side
ON (0V) → 225 kPa 196 kPa ↓ OFF (12V)	ON (0V) → 2,550 kPa 3,140 kPa ↓ OFF (12V)

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-432).

NG

2	Check pressure switch.
---	------------------------



PREPARATION:

Disconnect pressure switch connector.

CHECK:

- Turn ignition switch ON.
- Check continuity between terminals 1 and 4 of pressure switch when A/C gas pressure is changed.

OK:

The continuity changes with gas pressure as shown below.

Low Pressure Cut Side	Reference : High Pressure Cut Side
ON (continuity) → 211 kPa 181 kPa ↓ OFF (continuity)	ON (continuity) → 2,550 kPa 3,140 kPa ↓ OFF (continuity)

NG

Replace pressure switch.

OK

3**Check harness and connector between engine (and ECT) ECU and pressure switch, pressure switch and body ground ([See page IN-30](#)).****NG****Repair or replace harness or connector.****OK****Check and replace engine (and ECT) ECU.**