

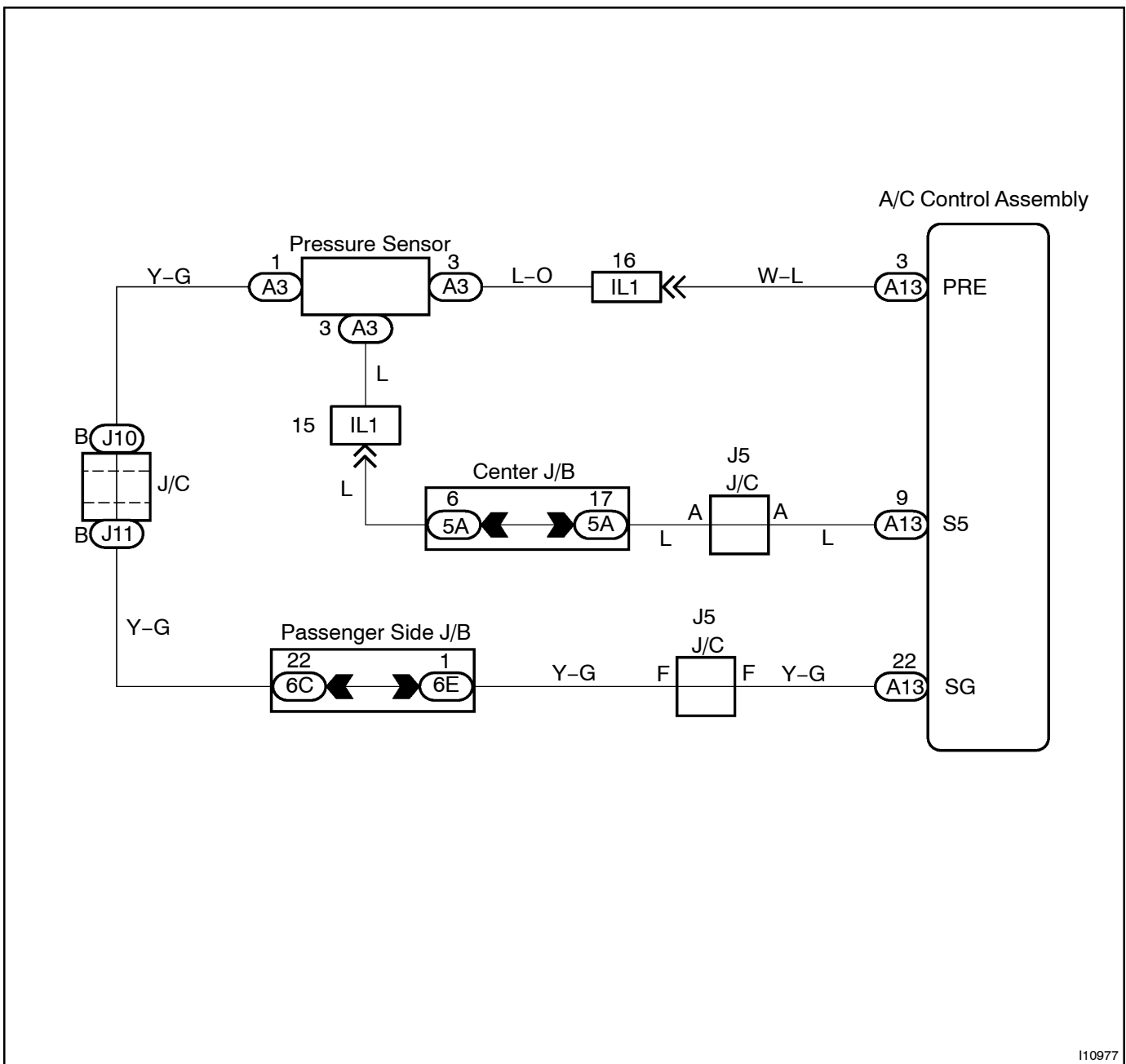
<b>DTC</b>	<b>23</b>	<b>Pressure Sensor Circuit</b>
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**CIRCUIT DESCRIPTION**

This sensor sends the appropriate signals to the A/C control assembly when the abnormality with compressor discharge pressure drops too low or rises too high.

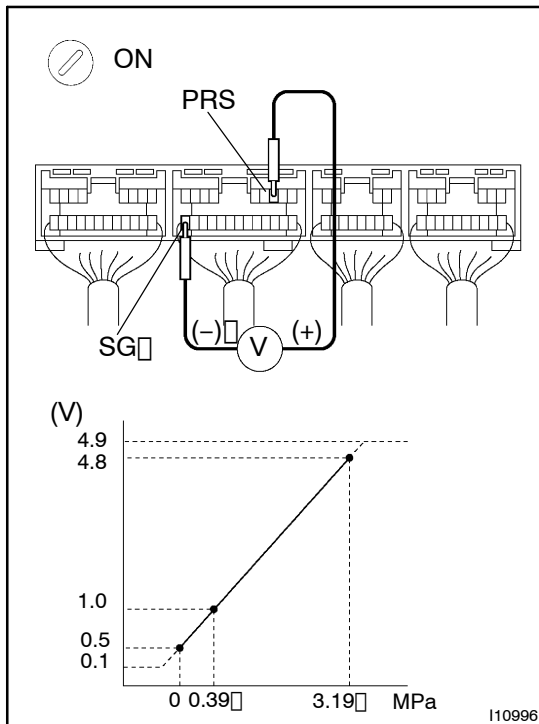
DTC No.	Detection Item	Trouble Area
23	Open or short in pressure sensor circuit	<ul style="list-style-type: none"> <li>• Abnormality with pressure sensor</li> <li>• Harness or connector between pressure sensor and A/C control assembly</li> <li>• A/C control assembly</li> </ul>

**WIRING DIAGRAM**



## INSPECTION PROCEDURE

1 Check voltage between terminals PRS and SG of A/C control assembly.

**PREPARATION:**

- Remove A/C control assembly with connectors still connected.
- Install manifold gauge set (See page AC-18).

**CHECK:**

- Turn ignition switch to ON.
- Check voltage between terminals PRS and SG of A/C control assembly connector.

**OK:**

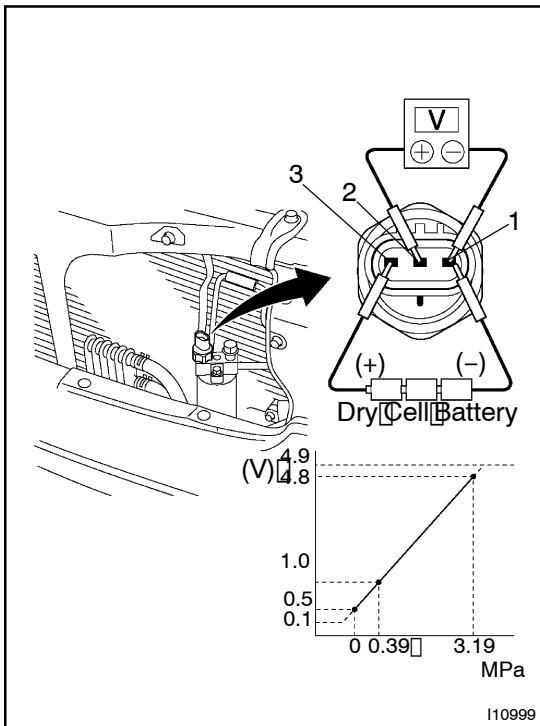
The voltage depends on the refrigerant pressure as shown in the chart.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-780).

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## 2 Check pressure sensor.



### PREPARATION:

- Disconnect pressure sensor connector.
- Install manifold gauge set (See page AC-18).

### CHECK:

- Connect the positive (+) lead from the three 1.5V dry cell batteries to terminal 3 and negative (-) lead to terminal 1.
- Check voltage between terminals 2 and 1 of pressure sensor.

### OK:

The voltage depends on the refrigerant pressure as shown in the chart.

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Replace pressure sensor.

OK

## 3 Check harness and connector between A/C control assembly and pressure sensor (See page IN-30).

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Repair or replace harness or connector.

OK

Check and replace A/C control assembly.