

## RX-7 13B

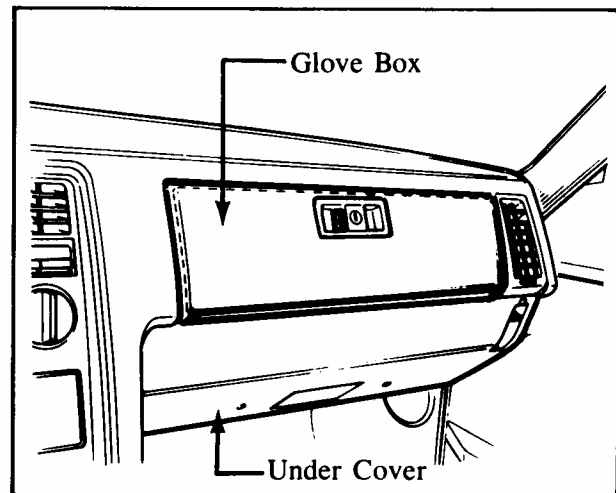
SUBJECT Nippondenso Air Conditioner.

DESCRIPTION

If the customer objects to the cooling performance of the air conditioner on RX-7 13B vehicles, please follow the procedure described below.

REPAIR PROCEDURE

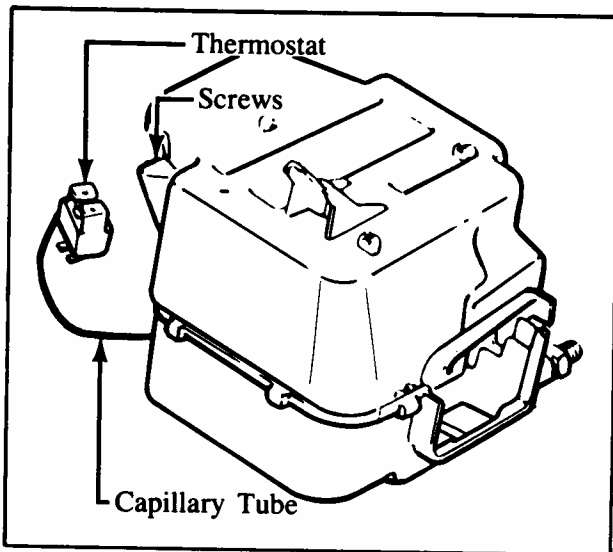
1. Check the air conditioning system for insufficient cooling according to the Mazda Air Conditioning Technical and Troubleshooting Manual. If no problem is found, proceed to Step 2.
2. Remove the glove box and the under cover.



3. Remove the 2 screws securing the thermostat. Pull the thermostat approximately 1" away from the evaporator in order to provide access to the thermostat adjusting screw.

**NOTE:**

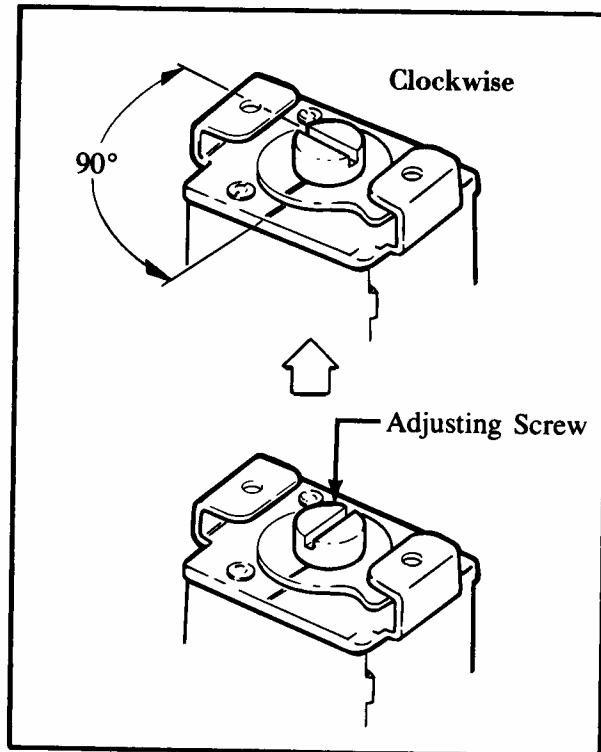
Do not damage the capillary tube attached to the thermostat by excessive bending or twisting.



4. Turn the adjusting screw of the thermostat clockwise 90° from the original position.

**CAUTION:**

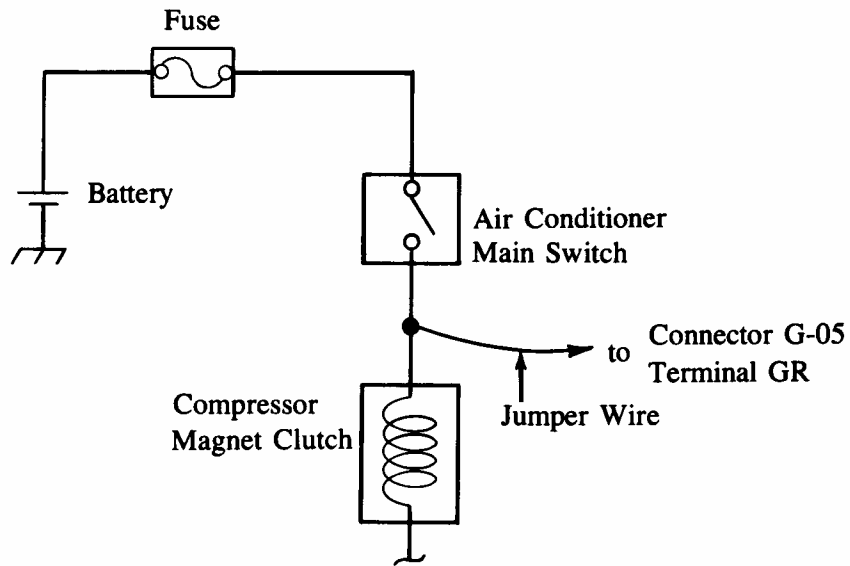
Do not turn the adjusting screw more than 90°, otherwise the evaporator core will freeze, resulting in an adverse effect on the cooling performance.



5. Reassemble in the reverse order of disassembly.

**WARRANTY INFORMATION**

Customer Comment Code:	A1
Damage Code:	AB
Process No:	B5015A
Part No. of Main Cause:	0000 68 500080
Operation No:	XX0060-R-X
Labor Hour:	0.4 Hr.



### IDLE UP CHECKING PROCEDURE

How to adjust RPM:

1. Connect a tachometer to engine.
  2. Warm up the engine to normal operating temperature.
  3. Turn off all electric devices (cooler, blower, lights, etc.)
  4. Using jumper wire, ground the brown wire at the three-way valve.
  5. Set the engine RPM at  $1400(\pm 100)$  by adjusting the idle-up screw.
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