

CONDENSER

(See page AC-10)

ON-VEHICLE INSPECTION

1. CHECK CONDENSER FINS FOR BLOCKAGE OR DAMAGE

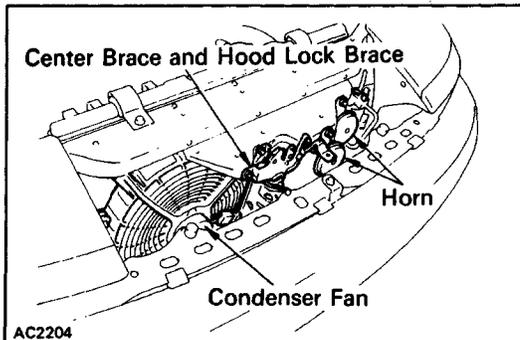
If the fins are clogged, wash them with water and dry with compressed air.

NOTICE: Be careful not to damage the fins.

If the fins are bent, straighten them with a screwdriver or pliers.

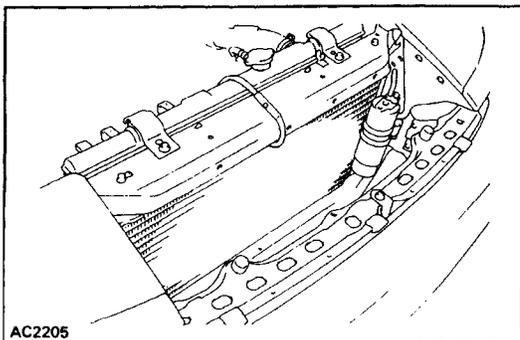
2. CHECK CONDENSER FITTINGS FOR LEAKAGE

Repair as necessary.



REMOVAL OF CONDENSER

- 1. RECOVER REFRIGERANT FROM REFRIGERATION SYSTEM**
- 2. REMOVE FRONT GRILLE AND FRONT UNDER COVER**
- 3. REMOVE CENTER BRACE AND HORNS**
- 4. REMOVE CONDENSER FAN**
- 5. DISCONNECT DISCHARGE HOSE AND LIQUID TUBE CLAMP FROM CONDENSER INLET FITTING**
- 6. DISCONNECT LIQUID TUBE AND LIQUID TUBE CLAMP FROM CONDENSER OUTLET FITTING**
HINT: Cap the open fittings immediately to keep moisture out of the system.
- 7. REMOVE CONDENSER**
Remove the four nuts and condenser.



INSTALLATION OF CONDENSER

- 1. INSTALL CONDENSER**
Install the four condenser nuts, making sure the rubber cushions fit on the mounting flanges correctly.
- 2. CONNECT LIQUID TUBE, DISCHARGE HOSE TO CONDENSER**
Torque:
Liquid tube 14 N-m (140 kgf-cm, 10 ft-lbf)
Discharge hose 23 N-m (230 kgf-cm, 17 ft-lbf)

3. **INSTALL CONDENSER FAN**
4. **INSTALL CENTER BRACE AND HORNS**
5. **INSTALL FRONT GRILLE AND UNDER COVER**
6. **IF CONDENSER WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR**
Add 40 – 50 cc (1.4 – 1.7 fl.oz.)
ND OIL 6,
SUNISO No. 5GS or equivalent.
7. **EVACUATE AIR FROM AIR CONDITIONING SYSTEM**
8. **CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT AND CHECK FOR GAS LEAKAGE**
Specified amount 720 ±50 g (25.4 ±1.8 oz)

COOLING UNIT

(See page [AC-10](#))

ON-VEHICLE INSPECTION OF EXPANSION VALVE

1. **CHECK QUANTITY OF REFRIGERANT GAS DURING REFRIGERATION CYCLE**
2. **INSTALL MANIFOLD GAUGE SET**
(See page [AC-16](#))
3. **RUN ENGINE**
Run the engine at 2,000 rpm at least 5 minutes.
4. **CHECK EXPANSION VALVE**
If the expansion valve is clogged, the low pressure reading will drop to 0 kPa (0 kgf/cm², 0 psi), otherwise it is OK.

