CONDENSER (Israel)

AC2FK–01

ON–VEHICLE INSPECTION

1. INSPECT CONDENSER FINS FOR BLOCKAGE OR DAMAGE

If the fins 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. INSPECT CONDENSER AND FITTINGS FOR LEAKAGE

Using a gas leak detector, check for leakage of refrigerant.

If there is leakage, check the tightening torque at the joints.

3. INSPECT CONDENSER FAN OPERATION

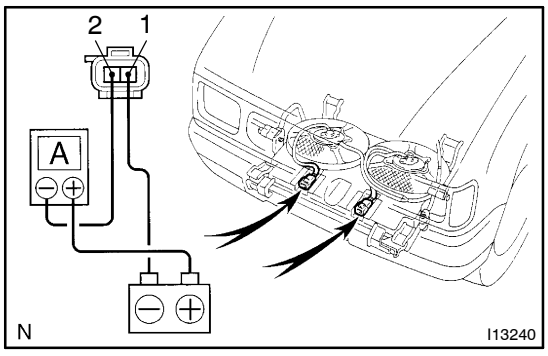
Inspect the condenser fan operation as shown in the chart below.

Test condensers:

- Ignition switch ON
- Blower speed control switch position ”HI”
- A/C switch ON
- Temperature control dial ”MAX COOL”
- Install manifold gauge set

Condition	Fan operation
Refrigerant pressure is less than 1,520kpa(32kgf/cm^2, 220psi)	Not rotate
Refrigerant pressure is 1,520kpa(32kgf/cm^2, 220psi) or above	Rotate

If operation is not as specified, proceed next inspection.



4. INSPECT FAN MOTORS OPERATION

(a) Disconnect the connector.

(b) Connect the battery and ammeter to connector as shown in the illustration.

(c) Check that the fan motor operates smoothly and reading on ammeter.

specified amperage: 5 A at 25˚C (77˚F)

If operation is not as specified, replace the fan motor.

If operation is as specified, check the pressure switch and condenser fan relays.