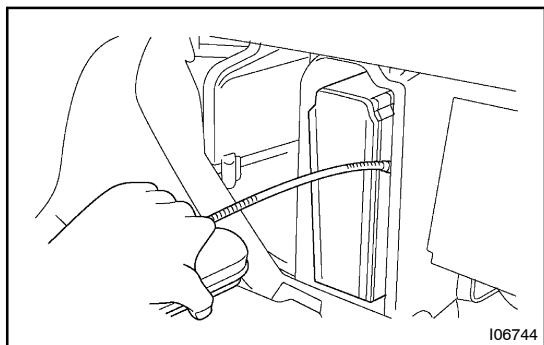


## FRONT A/C EVAPORATOR ON-VEHICLE INSPECTION

AC1T8-01

### 1. INSPECT FOR LEAKAGE OF REFRIGERANT

- (a) Remove these parts:
  - (1) Glove compartment door
  - (2) Lower No. 2 finish panel  
(See [page BO-127](#))
- (b) Remove the No.1 cooler cover.
  - (1) Disconnect the connector clamp.
  - (2) Remove the 8 screws and cover.



- (c) Using a gas leak detector, check for leakage of refrigerant.

If there is leakage of refrigerant, check the tightening torque at the joints or check the evaporator.

- (d) Install the No. 1 cooler cover.

### 2. INSPECT EXPANSION VALVE

- (a) Check quantity of gas during refrigeration cycle.
- (b) Set on manifold gauge set.
- (c) Operate A/C system at "MAX. COOL" for approx. 5 minutes.
- (d) Check expansion valve.  
Check the lower pressure reading will drop to 0 kPa (0 kgf-cm<sup>2</sup>, 0 psi).

If the low pressure reading is as specified, replace the expansion valve with the tubes.