



FRONT A/C EVAPORATOR ON-VEHICLE INSPECTION

AC1L9-04

1. INSPECT FOR LEAKAGE OF REFRIGERANT

- (a) Remove the glove compartment door.
- (b) Remove the lower No. 2 finish panel
(See page [BO-96](#)).
- (c) Remove the No. 1 cooler cover.
 - (1) Disconnect the connector clamp.
 - (2) Remove the 8 screws and No. 1 cooler cover.
- (d) 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.

- (e) 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 low pressure reading will drop to 0 kPa (0 kgf/cm², 0 psi).

If the low pressure reading is not as specified, replace the expansion valve with the tubes.