



- (a) Inspect refrigerant volume.
- (1) Check the sight glass of the cooler unit refrigerant liquid pipe E.
  - (2) Set the vehicle according to the conditions below.

Item	Condition
All Doors	Fully open
Temperature Setting	Max. COOL
Blower Speed	HI
A/C	ON

- (3) Check the sight glass.

Item	Symptom	Amount of refrigerant	Corrective Actions
1	Bubbles exist	Insufficient*	(1) Check for gas leakage and repair if necessary (2) Add refrigerant until bubbles disappear
2	No bubbles exist (DTC B1476 is output)	Empty, insufficient or excessive	Refer to 3 and 4
3	No temperature difference between compressor inlet and outlet	Empty or nearly empty	(1) Check for gas leakage with gas leak detector and repair if necessary (2) Add refrigerant until bubbles disappear
4	Considerable temperature difference between compressor inlet and outlet	Proper or excessive	Refer to 5 and 6
5	Immediately after air conditioning is turned off, refrigerant remains clear	Excessive	(1) Discharge refrigerant (2) Remove air and supply proper amount of purified refrigerant
6	Immediately after air conditioning is turned off, refrigerant foams and then becomes clear	Proper	-

**HINT:**

\*: Bubbles in the sight glass with room temperature higher than usual can be considered normal if cooling is sufficient.