



REFRIGERANT VOLUME

REFRIGERANT VOLUME INSPECTION

1. RUN ENGINE AT APPROX. 1,500 RPM
2. SET TEMPERATURE CONTROL AT MAX. COOL
3. SET BLOWER SWITCH AT 'HI'
4. SET AIR INLET CONTROL AT 'RECIRC'
5. TURN A/C SWITCH ON
6. FULLY OPEN DOORS
7. INSPECT AMOUNT OF REFRIGERANT

Observe the sight glass on the liquid tube.

Item	Symptom	Amount of refrigerant	Remedy
1	Bubbles present in sight glass	insufficient*	(1) Check for gas leakage with gas leak tester and repair if necessary (2) Add refrigerant until bubbles disappear
2	No bubbles present in sight glass	None, sufficient or too much	Refer to items 3 and 4
3	No temperature difference between compressor inlet and outlet	Empty or nearly empty	(1) Check for gas leakage with gas leak tester and repair if necessary (2) Add refrigerant until bubbles disappear
4	Temperature between compressor inlet and outlet is noticeably different	Correct or too much	Refer to items 5 and 6
5	Immediately after air conditioning is turned off, refrigerant in sight glass stays clear	Too much	(1) Discharge refrigerant (2) Evacuate air and charge proper amount of purified refrigerant
6	When air conditioning is turned off, refrigerant foams and then stays clear	Correct	--

*Bubbles in the sight glass with ambient temperatures higher than can be considered normal if cooling is sufficient.

REFRIGERANT CHARGE VOLUME

Specified amount:

700 ± 50 g (24.69 ± 1.76 oz.)