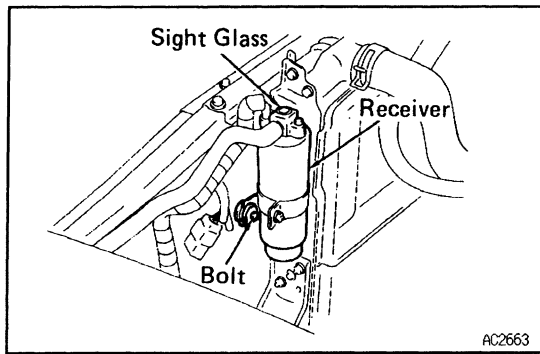




REFRIGERANT VOLUME

REFRIGERANT VOLUME INSPECTION

AC00G-07

1. RUN ENGINE AT APPROX. 1,500 RPM
 2. OPERATE A/C AT MAXIMUM COOLING FOR A FEW MINUTES
 3. 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	Proper or too much	Refer to items 5 and 6.
5	Immediately after air conditioner is turned off, refrigerant in sight glass stays clear	Too much	(1) Recover refrigerant. (2) Evacuate air and charge proper amount of purified refrigerant.
6	When air conditioner is turned off, refrigerant foams and then stay clear	Proper	—

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

REFRIGERANT CHARGE VOLUME

AC00H-07

Specified amount:

900 ± 50 g (31.74 ± 1.76 oz.)