

Charging

Use only service equipment that is U.L.-listed and is certified to meet the requirements of SAE J2210 to remove HFC-134a (R-134a) from the air conditioner system.

CAUTION: Exposure to air conditioner refrigerant and lubricant vapor or mist can irritate eyes, nose and throat. Avoid breathing the air conditioner refrigerant and lubricant vapor or mist.

If accidental system discharge occurs, ventilate work area before resuming service. Additional health and safety information may be obtained from the refrigerant and lubricant manufacturers.

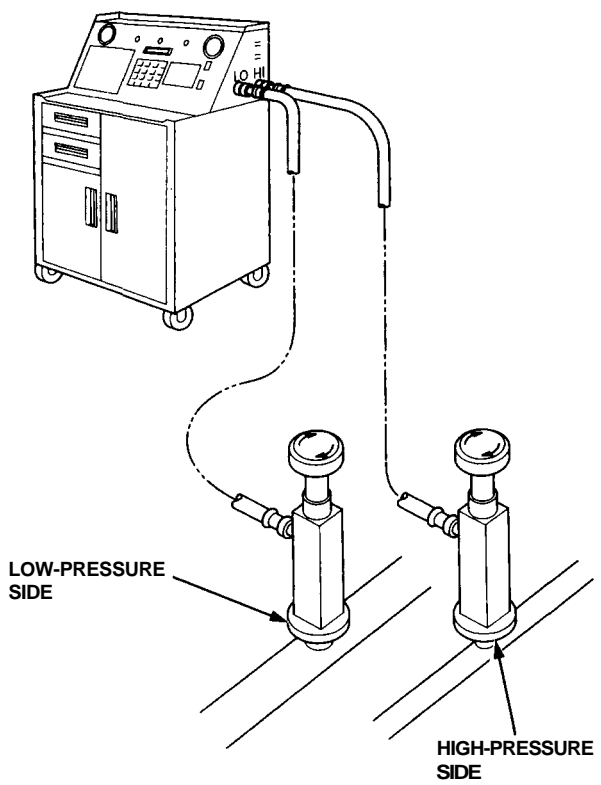
Select the appropriate units of measure for your refrigerant charging station.

Refrigerant capacity:
700 to 750 g
0.70 to 0.75 kg
1.5 to 1.6 lbs.
24.7 to 26.5 oz.

CAUTION: Do not overcharge the system; the compressor will be damaged.

Connect a R-134a refrigerant recovery/recycling/charging station to the vehicle, as shown, following the equipment manufacturer's instructions.

RECOVERY/RECYCLING/CHARGING STATION



Leak Test

Use only service equipment that is U.L.-listed and is certified to meet the requirements of SAE J2210 to remove HFC-134a (R-134a) from the air conditioner system.

CAUTION: Exposure to air conditioner refrigerant and lubricant vapor or mist can irritate eyes, nose and throat. Avoid breathing the air conditioner refrigerant and lubricant vapor or mist.

If accidental system discharge occurs, ventilate work area before resuming service.

R-134a service equipment or vehicle air conditioner systems should not be pressure tested or leak tested with compressed air.

WARNING Some mixtures of air and R-134a have been shown to be combustible at elevated pressures and can result in fire or explosion causing injury or property damage. Never use compressed air to pressure test R-134a service equipment or vehicle air conditioner systems.

Additional health and safety information may be obtained from the refrigerant and lubricant manufacturers.

1. Connect a R-134a refrigerant recovery/recycling/charging station to the vehicle, as shown in the previous column following the equipment manufacturer's instructions.

NOTE: Be sure to install the same amount of new refrigerant oil back into the A/C system before charging.

2. Open the high-pressure valve to charge the system to the specified capacity, then close the supply valve, and remove the charging system couplers.

Select the appropriate units of measure for your refrigerant charging station.

Refrigerant capacity:
700 to 750 g
0.70 to 0.75 kg
1.5 to 1.6 lbs.
24.7 to 26.5 oz.

3. Check the system for leaks using a R-134a refrigerant leak detector with an accuracy of 14 g (0.5 oz) per year or better.
4. If you find leaks that require the system to be opened (to repair or replace hoses, fittings, etc.), recover the system according to the Recovery Procedure on page 22-75.
5. After checking and repairing leaks, the system must be evacuated (see System Evacuation on page 22-88).