

MRAP-ATV...

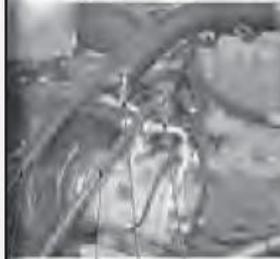
## A/C System Charge Change

**M**echanics, the CAUTION and NOTE from WP 0022-5 in TM 9-2355-335-23-1 say it takes 5 pounds of refrigerant to fully charge the MRAP all terrain vehicle's air conditioner system. That's *wrong!*

Instead, 3½ pounds (1.59 kg) of refrigerant is the full charge—no more! Overcharging the system causes blown seals and hose leaks.

If you have questions, contact your local TACOM logistics assistance representative.

TM 9-2355-335-23-1



1) to service ports (3 and 4)

### CAUTION

- Do not overcharge system. The system is fully charged with ~~5.0 lbs (2.27 kg)~~ <sup>3.5 lbs (1.59 kg)</sup> of refrigerant. Failure to comply may result in damage to equipment.
- Do not operate vehicle system with the panel high-side valve in open position. Failure to comply may result in damage to equipment.

### NOTE

- System must be in a 10 inHg vacuum before charging.
  - Use Table 1 to monitor pressure.
  - A slow charge condition may occur due to pressure equalization between service (3) and vehicle system.
  - Any change in pressure indicates a leak in A/C system.
  - Total system charge is ~~5.0 lbs (2.27 kg)~~ <sup>3.5 lbs (1.59 kg)</sup>.
3. Charge system with R134a refrigerant in accordance with Table 1.

MAKE A NOTE OF THESE CHANGES UNTIL THEY'RE ADDED TO THE TECHNICAL MANUAL.