

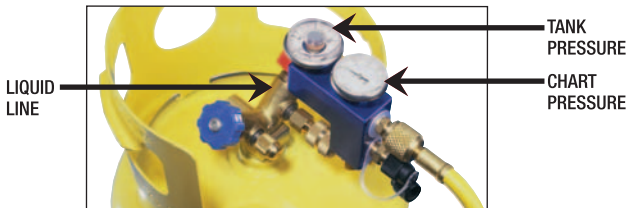
# OPERATING INSTRUCTIONS

## AIR CONTENT ANALYZER (98100)



**Caution:** This device is only to be used on D.O.T. tanks with known refrigerants (either R12 or R134a), to determine if an excess amount of air is present in the tank. This device is not designed to identify or determine any contamination present in the tank. If excess air is present in the tank, the air should be transferred to a recovery/recycling unit.

1. Connect the Air Content Analyzer to the LIQUID side of the D.O.T. tank.
  2. To determine if your tank contains non-condensable gases (AIR), keep container in a location where the temperature is at least 65°F and not in direct sunlight for about 10 hrs.
  3. Take the readings off the Air Content Analyzer to determine if the tank has excess air.
  4. Use the following formula to determine if the refrigerant is OK to use:
    - For R12:** If the difference between the tank pressure and the chart pressure is less than 10 psi, the refrigerant is OK to use.  
If the difference between the tank pressure and the chart pressure is greater than 10 psi, the tank will need to be purged into a recovery/recycling unit to remove the air.
    - For R134a:** If the difference between the tank pressure and the chart pressure is less than 5 psi, the refrigerant is OK to use.  
If the difference between the tank pressure and the chart pressure is greater than 5 psi, the tank will need to be purged into a recovery/recycling unit to remove the air.
- \*Note:** If the pressure difference still exceeds 5 psi, it may be necessary to shake the tank and let stand for a few minutes before the pressure drops.



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