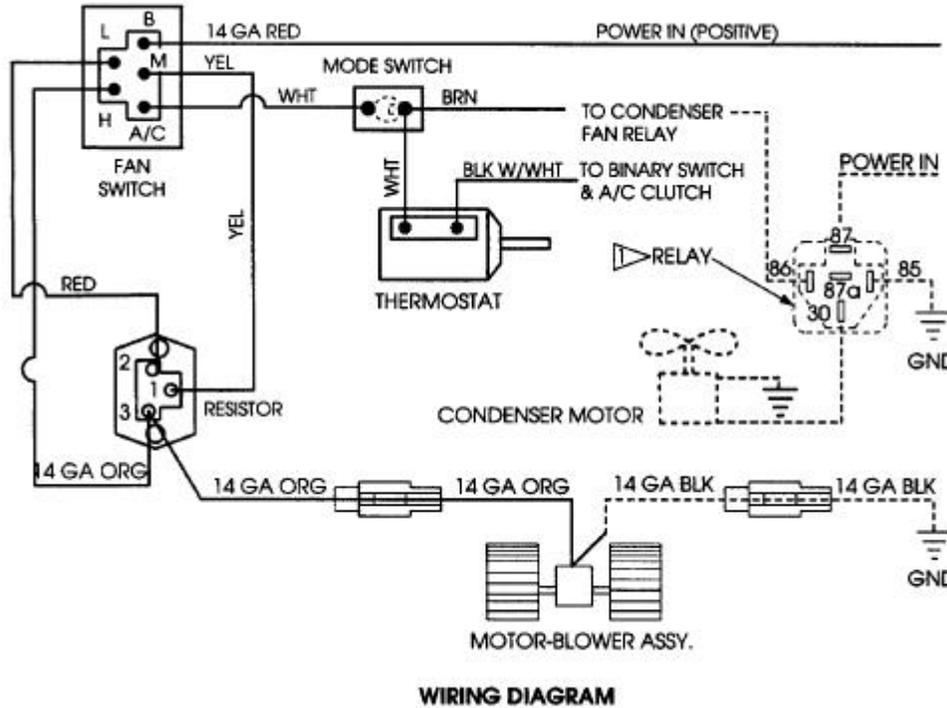


## F. Unit Wiring

**NOTE:** See Figure 6 for wiring diagram.

1. Disconnect battery.
2. Black W/White - Route to A/C clutch through low pressure protection switch if included.
3. Red Wire - Connect to an ignition switch supply through a 30 amp circuit breaker for 12 volt system; a 15 amp circuit breaker for 24 volt system.
4. Black Wire - Unit grounding wire.
5. Brown Wire - Route to condenser fan relay (remote mount condenser).



## G. Final Assembly and Check

### WARNING

The owner/operator of the R-8545 unit accepts the responsibility for the proper and safe installation and maintenance of the unit. Special attention must be given to the mounting as well as the hose assembly and connections to be sure that they are securely fastened and in good condition to preclude the possibility of personal injury.

1. Connect the battery.
2. Evacuate the system, then charge with refrigerant.
3. Turn the ignition switch to the "On" position and place the fan speed switch on the highest position.
4. Place the Heat-A/C switch to the "A/C" position and the temperature control lever on the coldest position.
  - a. The clutch should click on and be engaged.
  - b. The evaporator blower should be turning at high speed.
5. Turn the fan switch to the "Off" position and compressor clutch should disengage.
6. Move the Heat-A/C switch to the "Heat" position and compressor should disengage.
7. Start engine and run at 1200-1500 rpm. Place the Heat-A/C switch to the "A/C" position and the fan speed on high. Check sight glass on receiver drier for bubbles. Add 6 to 8 ounces more R-12 after the sight glass just clears.

**NOTE:** Be aware that the sight glass may appear "milky" when charging with R-134a. Be careful not to overcharge the system.

8. Make sure clutch cycles off and on as system is operating

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