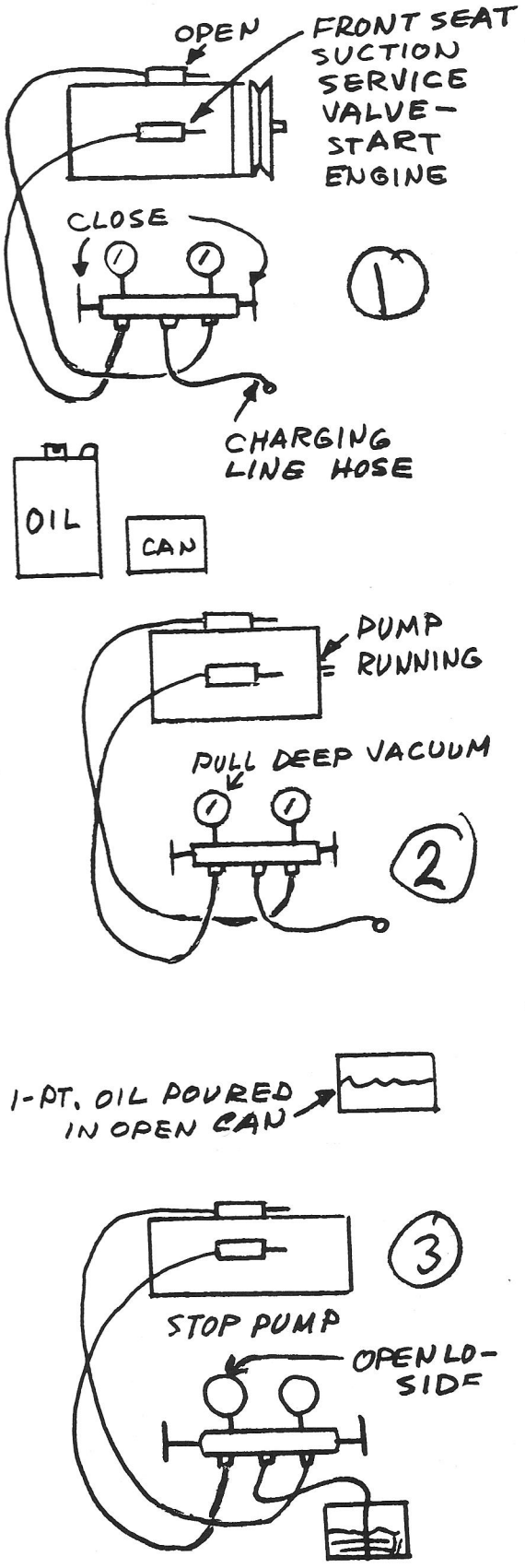
moving if the condenser is to be properly cooled when the unit is operating. If you are charging a unit and the engine gets hot, it will cause the condenser to run hotter than it should. The fan on an automobile engine is never large enough to take care of both the radiator and the condenser. Many servicemen use a garden hose to run a little water stream on part of the condenser while they are charging it in order to keep down the head pressure.

Where the addition of gas does not effect the gauge pressure on the low side, that is, it still goes into a vacuum, then you may have a stopped up dryer or defective valve. Don't keep adding gas if it does not feed through the evaporator.

Take your time and try one, and the next one will go twice as fast. The only tools you will need to do an auto charge job are: your charging manifold, crescent wrench, valve wrench and a drum of gas. YOU SHOULD HAVE A VACUUM PUMP. ■



(Fig. 10-15)