

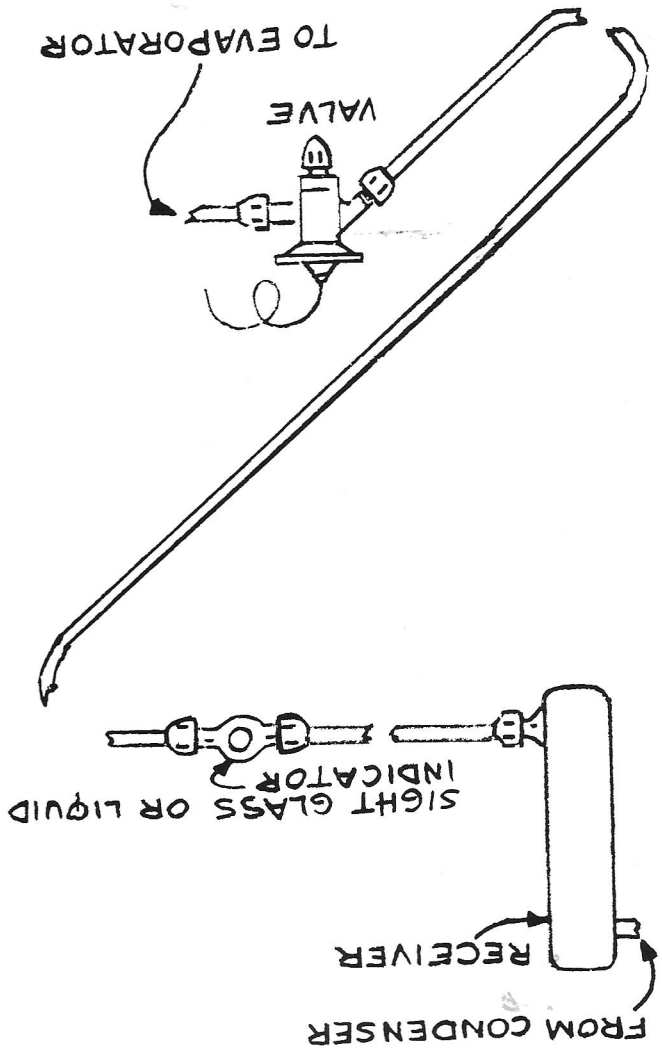
A customer brings an automobile to you and says that it will not cool. A good question to ask this customer right here is this, "When did it cool last?" What you want to know is, did it just suddenly quit in the middle of the summer, or did the unit run fine last summer but this spring when he tried to run it, it would not cool, so he just waited until he had the money to get

evaporator and that the high side test port is in the liquid line. See Figure 10-8.

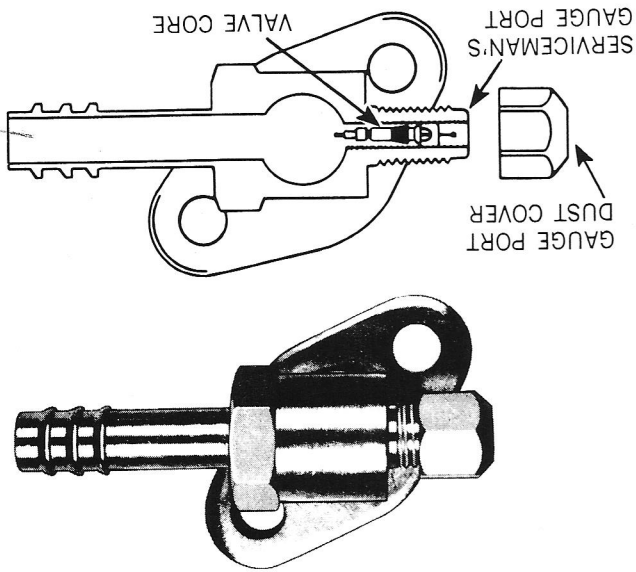
You do not have to have special training in order to service and repair auto air conditioners. You can follow the instructions given you right here in this chapter and do a good job.

Step by step, here is the way you would handle an automobile air conditioning job.

(Fig. 10-7)



You may find out that the customer has just bought the auto, and the air conditioner has never worked, and he knows nothing about the history of the system. Suppose this were the case; the customer says that he knows absolutely nothing about the unit except that it won't cool. If so, you are ready to take over. First, you would lift the hood and take a good look at the pump and the lines leading to the pump. Look for oily spots or breaks in the lines. Suppose everything looks clean and normal, and you see nothing that looks suspicious like an oily fitting or rubbed place on a line or hose. Many of these systems have flexible neoprene-covered high-pressure hoses for the suction and discharge lines on the compressor. Nothing looks wrong; so you are now ready to look at the evaporator if it is where you can get



(Fig. 10-8)

