

# R134a Charging Process

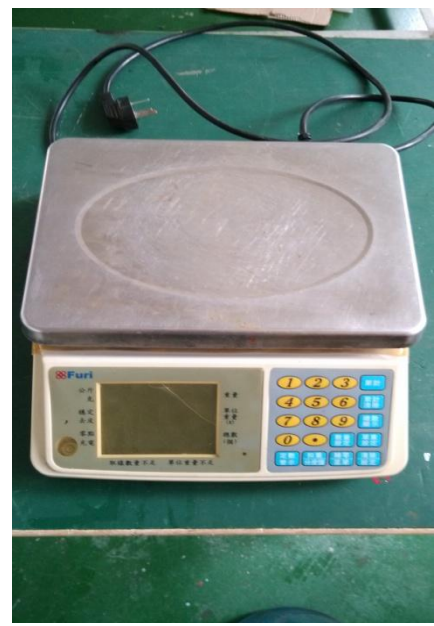
Tools and Material: screwdriver (Picture 1) Pressure gauge (Picture 2) Electronic scale (Picture 3)  
Refrigerant tank (R134a) (Picture 4) Vacuum pump (Picture 5)



Picture 1



Picture 2



Picture 3



Picture 4

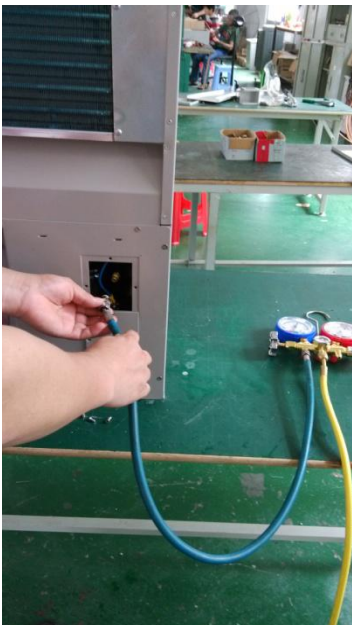


Picture 5

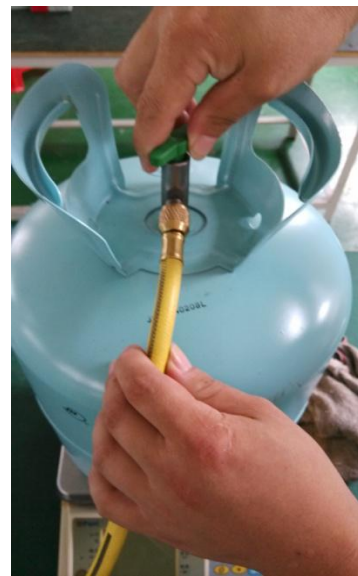
Step 1: Unscrew the lower front cover with a screwdriver, see the filling valve, and unscrew the protection valve by hand. (See as bellow)



Step 2: 1. Hold the pressure gauge one hose and tighten the filling valve, tighten the vacuum pump at the other end, and then turn on the vacuum pump, and then unscrew the valve on the left side of the pressure gauge, the vacuum time is about 18 minutes. 2. After vacuuming, tighten the valve on the left side of the pressure gauge, unscrew the hose of the vacuum pump, and do not need to unscrew the hose at the end of the filling valve, and then power off the vacuum pump. (See bellow)



Step 3: 1. Take out the refrigerant tank and place it on the electronic scale. Tighten the hose of the vacuum pump tightly on the valve port of the refrigerant tank, and then unscrew the valve of the refrigerant tank, and there will be a sound of gas discharge. 2. Open the valve on the right side of the pressure gauge a little, the purpose is to empty the hose, and then tighten the valve on the right side of the pressure gauge after 5 seconds. 3. After completing the above 2 points, unscrew the refrigerant tank valve and unscrew the valve on the left side of the pressure gauge. (Note: The air conditioner refrigerant R134a of this machine, the amount of refrigerant 500g for SAD115-2, 800g for SAD120-2) 4. Hold the power cord and run it. After sufficient refrigerant, tighten the valve of the refrigerant tank, wait 5 seconds, then tighten the valve on the left side of the pressure gauge, and then unscrew the refrigerant tank. Hose, then unscrew the hose on the air conditioning charge valve(See bellow)



When charging refrigerant, the refrigerant tank must be inverted.

