

FCB PINNACLE

PROCESS TUBE INSTALLATION KIT (P/N 569030117)

The Process Tube Installation Kit (P/N 569030117) is used when the current longer bent process tube has been cracked and is leaking refrigerant. When installed on the FCB Post-Mix Dispenser, the new, smaller process tube eliminates vibration resonance from the running of the compressor, which could potentially cause the longer tube to crack and leak. If the current tube is not cracked or not leaking refrigerant, do not use this kit for a fix. The vibration dampening kit (P/N 569030116) will need to be used to fix a vibrating process tube.

NOTE: Only qualified personnel should install this Kit.

Unpack and inspect the Kit. Make sure all parts listed are present and in good condition.

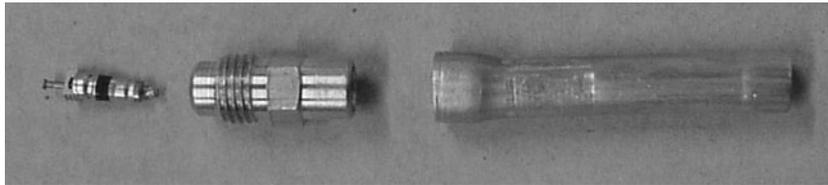


FIGURE 1

Loose-Shipped Parts

Item No.	Part No.	Name	Qty.
1	560007545	Tube Assy, Process PCL	1
2	2636	Core Access Valve	1
3	315499000	Cap Quick Seal 1/4	1
4	569030117INS	Instruction Sheet	1

IMPORTANT: Soldered the assembly together prior to installing on the machine.

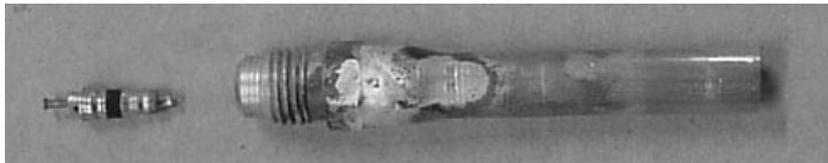


FIGURE 2

HORIZONTAL PROCESS TUBE TAPE INSTALLATION

1. Remove Side and Rear Panels.
2. Remove any extra refrigerant from unit.
3. Locate Horizontal or Vertical Process Tube from Compressor.



FIGURE 3

4. Take out existing long tube by heating up the process tube joint at the compressor, and remove once solder is melted (See Figures 4 and 5).



FIGURE 4



FIGURE 5

5. Take new process tube assy and install in its place, making sure copper is clean on the bottom of process tube and on compressor port (See Figure 2,5, and 6).


FIGURE 6

6. Braze new process tube in place, making sure Schroeder valve is located away from water bath (See Figures 7 and 8).


FIGURE 7

FIGURE 8

NOTE: Make sure Schroeder Valve Brazing on top of new process tube is not affected by brazing of bottom connection. Schroeder Valve is Silver-soldered for better resistance from leakage.

7. Evacuate the refrigeration system and check for leaks.
8. Charge system to proper amount of refrigerant.
9. Turn on unit and check for proper operation. If operating correctly, re-install rear and side panels.