

DE-SOLDERING PUMP PRODUCT MANUAL

PART NO. 411167



CAUTION: For maximum protection, always wear safety goggles, gloves or other appropriate equipment

FEATURES:

- Easy to use, one action vacuum pump
- Pocket sized
- Self cleaning, non-clogging, static free tip
- High suction power

INSTRUCTIONS

1. Push plunger all the way in
2. With one hand holding the soldering iron and the other holding the pump, melt the soldered joint using the heated tip of the soldering iron
3. When the solder is melted, immediately bring the pump forward to near the melted solder and push the release button to suck in the melted solder
4. Remove soldering iron and pump from the joint to avoid overheating the joint

MAINTENANCE

1. To clean, unscrew the barrel and clear solder from the spring, the shaft and the rubber O-ring
2. Apply lube oil onto the spring, the shaft and the O-ring. The lube oil helps prevent the solder sticking onto the surfaces. Also apply the lube oil to the O-ring to help seal off air from the barrel for better vacuum performance
3. Screw the barrel back on

TIPS

1. If you find the suction power has decreased, repeat the maintenance process above
2. You can prolong the life of the pump tip by minimizing the contact time of the de-soldering pump tip with the soldering iron tip
3. If the amount of solder residue left after using pump is too little, it is easier to re-solder the joint before repeating the de-soldering process

SOLDERING HINTS

- Ensure the soldering tip and work items are clean
- Re-tin the tip (cover the heated tip with solder) prior to use
- Use the metal stand when soldering iron not in use.
- Use the soldering iron to heat the work items and apply solder directly to the work items – not to the soldering iron tip
- Clean the tip with a damp sponge after use
– do not file tip