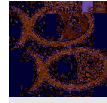


## Adjustable Temperature Soldering Iron





Changing the soldering iron tip (Figure 5):

- x Make sure the iron is unplugged and completely cooled.
- x Unscrew the retaining nut and remove the tip barrel.
- x Set the nut and tip aside.
- x Place the new tip over the heating element and slide the tip barrel over the tip and heating element.
- x Thread the retaining nut on the threaded post and tighten using pliers, being careful not to over-tighten.

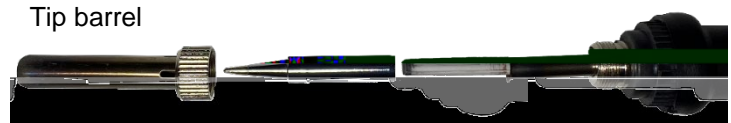


Figure5

The temperature may need to be adjusted for different soldering tasks.

Start with the knob set just under 400°, and test soldering.

The temperature is too high if the printed circuit board (PCB) becomes discolored or shows other signs of heat damage.

The temperature is too low if:

- x the solder is not melting
- x the solder melts on the soldering iron tip but does not adhere to the components
- x the solder appears dull in color after cooling.

