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Changing the soldering iron tip (Figure 5):

Figure 5

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

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

Start with the knob set just under 400° C 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:

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

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