No.A1509

Heating element for HAKKO 815/816

A normal resistance value of a heating element is 2 to 4 Ω {at 23°C (73°F)}.
If the measured resistance value is out of above range, replace the heating element as shown in the figure.

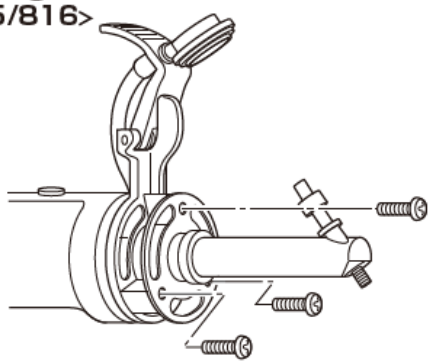
Heating element

The heating element is integrated with the heating core and cannot be separated. Attempting to do so may damage the heating element.

⚠ **WARNING** Unplug the power cord before replacing the heating element.

❶ Disassemble the heating section.

<815/816>



1. Remove the filter pipe and nozzle.
2. Remove the screws (three).

❷ Remove the handle.

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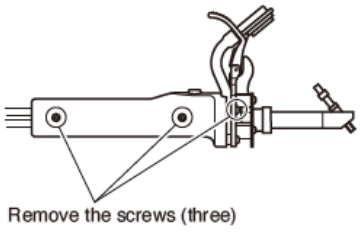

Remove the screws (three) and open the handle.

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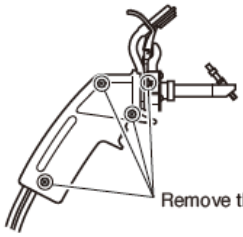

❸ Replacing the heating element

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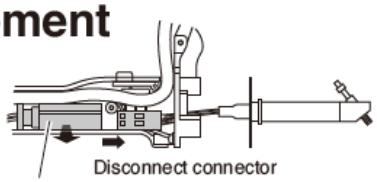

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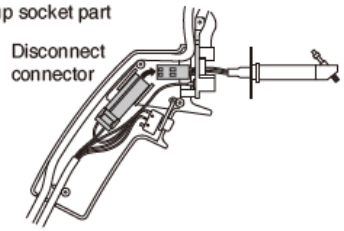

1. Disconnect the connector and remove the heating element.
2. Install a new heating element and reassemble.

❹ Calibrate the temperature.

Be sure to calibrate the temperature after replacing the heating element in order to ensure accurate temperature control.

1. Set the temperature control knob to “1” and heat the nozzle for three minutes.
2. Use a straight-edge (-) screwdriver to adjust the potentiometer (hole marked CAL) of the station until the nozzle temperature reads 380°C (716°F). We recommend using the HAKKO 191 (thermometer) or the HAKKO 192 (soldering tester) to measure the nozzle temperature.

NOTE:
Should the HAKKO 815 or 816 ever need repair, please send both the iron and the station to your HAKKO agent.