



Guide to Replacing Heating Elements (Models 9270, 9271, 9273, 9275, 9277, 9279)



The following guide applies to the following American Beauty Products:

- Heavy Duty Irons (Models 3114-3198)
- Ergo Irons (Models 3125E – 3198E)

Parts Supplied from AB:

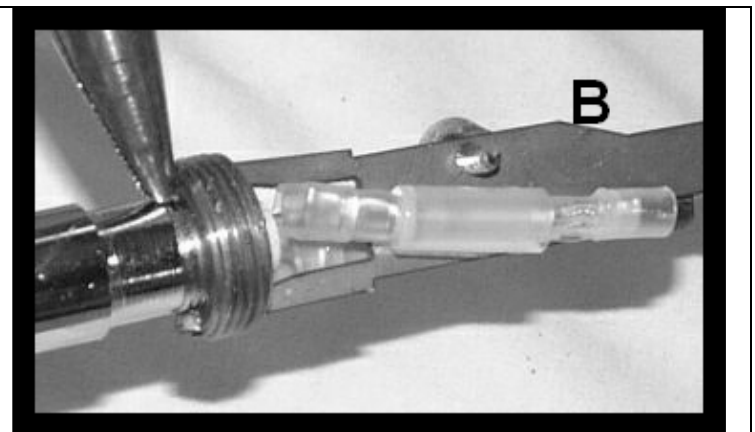
- Heating Element
- Male Quick Disconnects (2 pcs)

Tools Required: Wire Clippers, Needle-nose & Large Pliers, & Crimping tool for 18-20 AWG insulated terminals

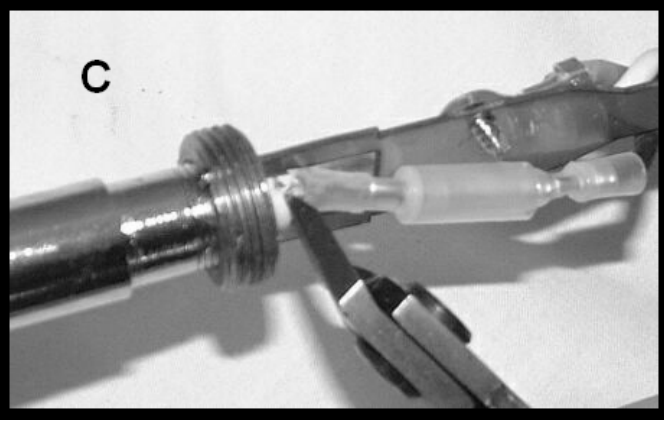
Step-By-Step Instructions



Unscrew wooden handle & slide back over cord set.
Remove protective tape from strain relief assembly.



Straighten tabs of strain relief to allow for eventual removal from soldering iron casing assembly.



Cut QCT's from the *tip/element side only*.



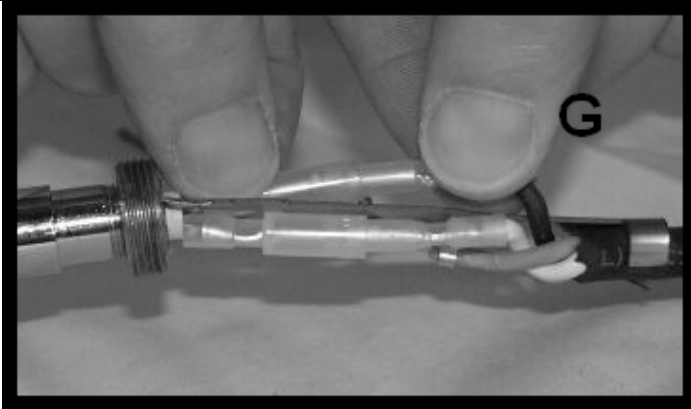
Gently remove cord set / strain relief assembly from soldering iron casing. Separate and discard male QCT's from the females.



Loosen spanner nut. Expired heating element should slide freely from the soldering iron casing. Dispose.



Insert new heating element and secure with spanner nut. Factory provides heating elements with longer electrical leads than required. Trim the leads (on angle) from the new element so that the provided male QCT's sit snugly against ceramic insulator. Crimp.



Insert the two tabs from the strain relief plate through the two holes in the nut attached to the casing assembly. Ensure that the QCT's are on either side of the strain relief plate. Connect male and female QCT's.



Secure in place via re-bending tabs. Re-tape strain relief assembly, slide wood handle back in place and hand tighten.

Warning

Repairs should be made by qualified personnel familiar with safe wiring procedures and practices. Never attempt to service an iron while it is plugged in. Allow the iron to cool prior to handling. If these warnings are ignored, the potential for High Voltage and Hot Surfaces, Electrical Shock, Electrocution and Severe Burns exists.

All American Beauty Soldering Equipment is proudly mfg in the USA by Assembly Technologies International, Inc. We are located at 1937 Barrett Dr, Troy, MI 48084. We can be found online at www.americanbeautytools.com or via telephone at 800.550.2510.

Thank you for your business!