

GUARANTEE

The Wen 100 Soldering Gun is guaranteed for one year from date of purchase. We will replace any part or parts found defective in material or workmanship. This guarantee is null and void unless genuine WEN tips are used exclusively.

Should trouble develop, return the gun to the dealer from whom it was purchased, direct to the factory or nearest authorized WEN Service Station. If our inspection shows that the trouble was caused by defective material or workmanship, we will make all repairs free of charge F.O.B. our factory or service station.

Repairs made necessary by normal wear, abuse of gun, or by using other than genuine WEN Tips, will be charged for at our regular repair prices.

With good care and proper use, you will have many years of trouble-free service from your WEN SOLDERING GUN.

WEN PRODUCTS, INC.

5810 NORTHWEST HIGHWAY

CHICAGO, ILL., 60631 U.S.A.

WEN MODEL 100 SOLDERING GUN

— HOW TO ORDER REPAIR PARTS —

Repair parts may be ordered either through your dealer, direct from the factory or from any authorized WEN Service Station. When ordering parts by mail always give the model number, the part number and the part description.

Your parts order will be expedited if you will enclose with order, your check or money order to cover parts plus postage.

PARTS AND PRICE LIST FOR WEN SOLDERING GUN MODEL 100

Part No.	Description	Price
10B101	—Transformer Assembly complete less Tip.....	\$5.00
10B2	—Tip Connector Bushing.....	.10
19B3	—Trigger.....	.40
19B4	—Long Life Tip.....	.50
25A5	—Pilot Light.....	.15
25A6	—Pilot Light Socket.....	.10
25A7	—Cord Set.....	1.00
25A8	—Cord Spring.....	.10
10B10	—Set of 2 Switch Contacts.....	.50
10B11	—Case Complete.....	2.00
10B12	—Case (Half Section without Nameplate).....	1.00
10B13	—Case (Half Section with Nameplate).....	1.00
19C1	—Plastic Cutting Tip.....	.60
19F33	—Flat Iron Tip.....	.60

WEN PRODUCTS, INC.

5810 NORTHWEST HIGHWAY

CHICAGO, ILL., 60631 U.S.A.

INSTRUCTIONS

Please note that the soldering tip has been cleaned and tinned ready for immediate use. The tinning of the tip is part of the final test of the gun at the factory.

For fast and accurate soldering, a clean and well tinned tip is required at all times. Should the tip become oxidized after a period of time, fine sandpaper is recommended for cleaning. Immediately following this cleaning operation, the gun should be switched on and the tip re-tinned, using flux core solder.

Replacing Tips

To replace tip, loosen the set screws about one turn. Slip out the old tip, insert the new one and re-tighten. Be sure screws are sufficiently tight to hold tip securely, and provide good electrical contact.

General Soldering Information

It is important to remember that soldering is a fusing action taking place between the metals to be soldered, with the solder acting as the bonding and heat transfer agent. In order to complete the act of soldering, the solder must fuse with the metals to be soldered together. To accomplish this fusing action, heat is required — sufficient heat so that the metals to be soldered are hot enough to melt the solder.

Solder will not fuse with other metals unless the surface is perfectly clean and brite. This can be done by sanding, scraping, or wire brushing.

When heat is applied to these metals, a coating of oxide forms on the surface, thus preventing the fusing action. To overcome this condition soldering flux is used. The function of the flux is to prevent and correct the oxidizing condition, thereby chemically cleaning the surface and permitting the fusing action. Flux core solder has the proper amount of flux incorporated within it, thereby simplifying the act of soldering.

Soldering

Place the nose of the tip directly on the spot to be soldered. Press the trigger and feed a small amount of flux core solder on the nose of the tip at the point of contact. The pool of solder thus formed is acting as a heat conductor from the tip to the work. Apply additional solder to work until it melts and flows freely. *Remove tip and release trigger.*

CAUTION: In order to prolong the life of the tip and to prevent corrosion necessitating cleaning and retinning, *always release trigger when tip is not in contact with the work.*

This Document Provided Free

At

www.StevenJohnson.com

NOT FOR RESALE