

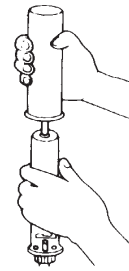
Weller®

SELF-IGNITING CORDLESS PYROPEN® WPA2N / WSTA4

GAS-FILLING

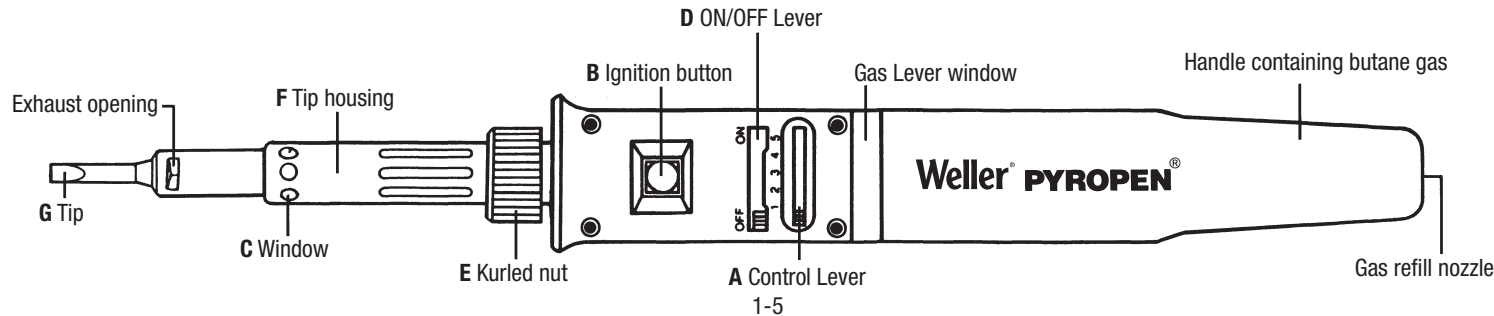
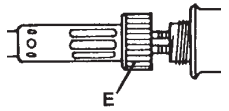
Use Weller gas refill part no T0051616099 only.

1. Check gas level through window in handle.
2. Be sure the gas ON/OFF lever is at "OFF" position.
3. Hold the Pyropen® handle with tip pointing downward and, refill nozzle in upright position. Insert nozzle of gas container and press down.
4. As soon as the Pyropen® is filled, gas will overflow.
5. Confirm the gas reservoir is full by checking gas level in the sight glass.



TIP CHANGING PROCEDURE

1. Unscrew knurled tip housing nut clock-wise and remove housing.
2. Remove old tip and position new tip.
3. Slide housing in place and tighten housing nut. Back off one turn then turn housing until igniter pin clicks into slot in housing lip.
4. Position tip so that exhaust opening is facing up.
5. Tighten knurled housing nut.

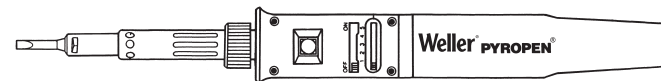


IMPORTANT

For best performance and your safety, please read and familiarize yourself with these instruction before using the tool.

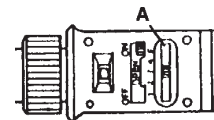
1. Avoid dropping the tool or causing hard shocks as the ceramic burner or fuel view window could be damaged.
2. Use an exhaust fan when using tool in an enclosed space.
3. Do not fill tool with gas or store near open flame, heater, furnace or combustible materials.
4. Do not store in direct sunlight or anywhere that will exceed 40°C or 104°F.
5. Keep out of reach of children.
6. When not in use ensure the gas ON/OFF lever is in the OFF position.
7. Do not attempt to change soldering or hotblow tips or perform any kind of maintenance while tool is still hot.
8. Do not misuse, abuse, alter or tamper with the tool in any way. Only authorized people should carry out repairs.
9. Do not speed cool hot parts in water. Allow to cool naturally.
10. When operating at low temperatures, around 0°C or 32°F or lower, ignition may be difficult. Hold handle in warm hands for a few minutes until liquid fuel gasses. Never use an open flame or hot water to warm fuel.
11. Do not use alcohol or alcohol based cleaner on fuel window.

OPERATING PROCEDURE

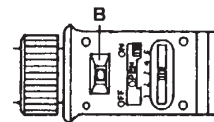


1. It is most important to ensure that the exhaust opening in the tip is pointed upwards, as above, when fitting the tip. At all times ensure the opening is facing away from hands and combustible materials when the tool is ignited as the exhaust temperature is very high. The tip housing can also reach high temperatures. Ignition problems will result if ignition is attempted with tip or tip housing removed.

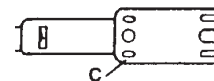
2. Set gas control lever to 3, set gas ON/OFF lever to ON. In cold temperature or immediately after filling gas, it may be necessary to use a higher setting than 3.



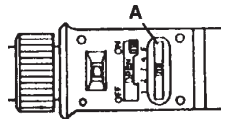
3. Push the ignition button slowly to ignite the tool.



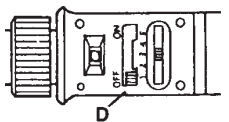
4. Wait until the window at the base of the tip goes red. If the tool fails to ignite repeat step 3.



5. Adjust tip temperature with gas control lever.



6. To turn off slide the gas ON/OFF lever to the left until it clicks OFF. **Note**, the gas control lever will **not** turn the tool off. It is recommended to leave the gas control set at 5 if the tool is not going to be used for long periods. This will keep the fuel wick in good full flow condition.



SPECIFICATIONS

Length including soldering tip	265 mm / 10- 7/16"
Weight including gas filling	117 grams / 4.1 oz.
Temperature values	Soldering Iron 250°-500°C / 482°-932°F Hot Blow 650°C / 1202°F
Burning time per gas filling	2 hours with gas control lever set at 2.
Filling quantity	28 cc / 1.71 cu. in.

If the tool is normally used in places of extreme temperature, either hot or cold, or at high altitude, ignition may be difficult. This is due to the extremes affecting the gas pressure. Gas control settings will also be affected and will vary from those under normal conditions. If difficulties are experienced please contact your Weller Tools Service Centre for advice.

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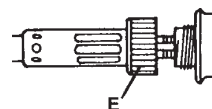
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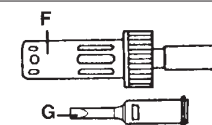
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HOW TO USE THE HOT BLOW NOZZLE

1. Loosen knurled nut to remove tip and tip housing.



2. Replace with hot blow nozzle. Ignition is the same as for soldering.

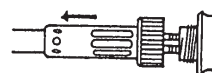


HOW TO CHANGE BURNER / EJECTOR

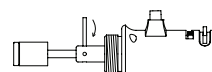
To remove

Change ejector unit when gas does not flow, ceramic burner is broken or used up after certain time of use, etc.

1. Loosen knurled nut to remove tip and tip housing.

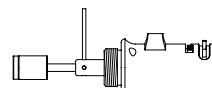


2. Insert the accessory bar into the hole at ejector turn clockwise. (Be careful not to damage the white ceramic portion of the unit!)

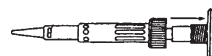


To mount

1. Mount new ejector in the place of the removed one and tighten with the accessory bar.

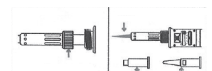


2. Mount the tip and tip housing and tighten knurled nut.



HOW TO USE AS TORCH

1. To remove the soldering tip and tip receptacle, undo the knurled nut.
2. Replace the soldering tip with the hot air nozzle. The ignition system is the same as for the soldering iron.



TROUBLE-SHOOTING

Problem	Possible reason	Correction
Does not light.	Empty tank.	Refill with butane gas.
	Clogged ejector.	Replace with new ejector.
Tip does not heat up.	Gas pressure too high or too low.	Slide control lever to lower or higher position.
	Used-up catalyst.	Replace with new tip.
	Insufficient gas pressure	Refill with butane gas.
	Clogged ejector.	Replace with new ejector.

ACCESSORY TIPS

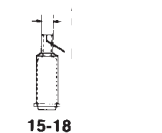
Soldering tips

Part No.	Description
1 WPT-1	Tapered needle
2 WPT-2	Chisel
3 WPT-3	2.0 mm Ø spade
4 WPT-4	3.0 mm Ø spade
5 WPT-5	Tapered needle
6 WPT-6	Micro spade
7 WPT-7	Tapered pyramid
8 WPT-8	2.0 mm Ø, 35°, spade
9 WPT-9	3.0 mm Ø, 35°, spade
10 WPT-10	Offset tapered needle
11 WPT-11	High powered chisel, 8.0 mm width
12 WPT-12	High powered round head needle, 3.0 mm Ø
13 WPT-13	High powered long taper chisel, 5.0 mm width
14 WPT-14	8.4 mm Ø, Tip adapter (with thread M4 e.g. for hot-knife)

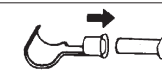


Hot blow nozzles

Part No.	O.D. (mm)	I.D. (mm)
15 WHC-50	2.5	1.5
16 WHC-51	4.25	3.3
17 WHC-52	5.7	4.9
18 WHC-53	8.0	7.4



- 19 T0051615999 Shrinking attachment, radius 6.0 mm/8.0mm



- 20 T0051637599 Ejector unit

