

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

CHICAGO ELECTRIC **WELDING**

BUTANE PENCIL TORCH



REV 14b

Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

ITEM 41169

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Flame Temperature	2000° F
Fuel Type	Butane
Burn Time	up to 1 hour
Includes 4 nozzle tips and piezo igniter	

IMPORTANT SAFETY INFORMATION

1. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
2. Use only with butane fuel.
3. Do not aim Pencil Torch at yourself, others or animals.
4. Do not aim at flammable materials.
5. Keep hands and fingers away from path of flame and from hot tip.
6. The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code § 25249.5, *et seq.*)
7. Use as intended only. Do not modify or use for purpose for which is was not intended.
8. Keep away from children. This product is not a toy. Do not allow children to play with or near this item.
9. Inspect before every use; do not use if parts are loose or damaged. If gas odor is detected during use, immediately shut off Pencil Torch. Extinguish all open flames and, once cooled, check all connections for gas leaks.
10. Turn off after every use. Allow Pencil Torch to cool completely before storing.
11. Do not store any flammable liquids or materials in area surrounding Pencil Torch.
12. Store Pencil Torch in a dry, safe location out of reach of children.
13. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Assembly Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

1. Back-off the Nozzle Holder Bracket (2) and slide the Bracket over the Igniter Head. Make sure porcelain face of Igniter Head remains flush with the inner edge of the Bracket (2). Tighten the Bracket Screw until snug. Do not overtighten.
2. Thread the selected Soldering Tip (1) into the Nozzle Holder Bracket (finger-tighten only).

Operation

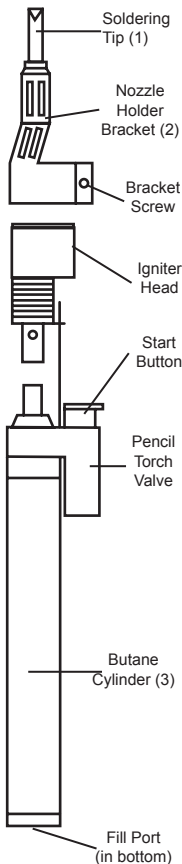


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Note: Torch is supplied empty for safety reasons.

1. Rotate the Valve counterclockwise fully to the OFF position.
2. Turn the torch so that the fill port is on top. Add butane fuel to the fill port. **Only use butane fuel with this product!** The Torch will fill with fuel in about five seconds.
3. Wipe off any spilled fuel with a cloth and allow Butane fuel to stabilize for about 5 minutes before operating.
4. To light Torch, tilt the tip upward slightly, but away from your face and any flammable objects, and then rotate the circular base counterclockwise to the ON position. Hold Torch securely and press down on Start Button to ignite the flame.
5. To turn off, slowly turn the circular base clockwise to the OFF position.
6. Allow Torch to completely cool before twisting off and changing Soldering Tip or storing.

Note: Replacement parts are not available for this item.



Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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