



**Model 94623**

# 2-IN-1 PIPE BENDER

## ASSEMBLY AND OPERATION

Visit our website at: <http://www.harborfreight.com>



**SAVE THESE INSTRUCTIONS. READ ALL PRECAUTIONS AND INSTRUCTIONS.**

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**For technical questions or replacement parts, please call 1-800-444-3353.**

### SPECIFICATIONS

Product Applications	Designed for bending copper and aluminum pipe.
Pipe Size Capacity	1/2" to 7/8" Diameter tubing.
Maximum Bend	Up to 180°
Construction	Cast iron and steel tube. Steel rollers. Aluminum hardware.
Accessories	Bending dies (Qty. 2)

2. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
3. Keep assembly area clean and well lit.
4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of drugs or medication.

### Use Precautions

1. This product is not a toy. Do not allow children to play with or near this item.
2. Use for intended purpose(s) only.
3. Inspect before use; do not use if product is damaged.
4. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
5. This tool is designed to bend soft metal pipe or tubing, such as copper or aluminum. Do not attempt to bend hard metal pipe, such as black iron pipe. You may damage the tool.
6. Do not attempt to bend brittle materials, such as glass or hard plastic. Those materials

### UNPACKING

When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this document as soon as possible.

### IMPORTANT SAFETY INFORMATION

#### Assembly Precautions

1. Assemble only according to these instructions. Improper assembly can create hazards.

may shatter and potentially cause injury. Always wear ANSI-approved safety impact eye goggles and heavy duty work gloves when using the Tube Bender.

- As the pipe or tubing is being bent, there is a significant pinch hazard created. Keep hands, fingers, feet, and any item which may be injured or damaged away from the Tube Bender and hinge point areas of this tool when in operation.

- Insert the tubing along the Handle (4). Move the Tube Holder (1) to allow the tube to slide under it, and position the Tube Holder (1) to hold the tube in place. **(See Figure B.)**
- While holding the tube along the Handle (4), pull down on the Handle with Grip (5). The tube will be formed along the Tubing Bender (2). Continue pulling until the desired bend has been achieved, from 0 to 180 degrees. **(See Figure B.)**
- When completed, remove the bent tube from the tool.

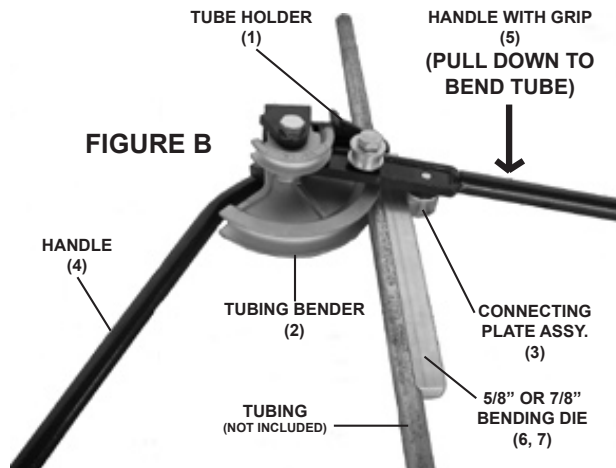
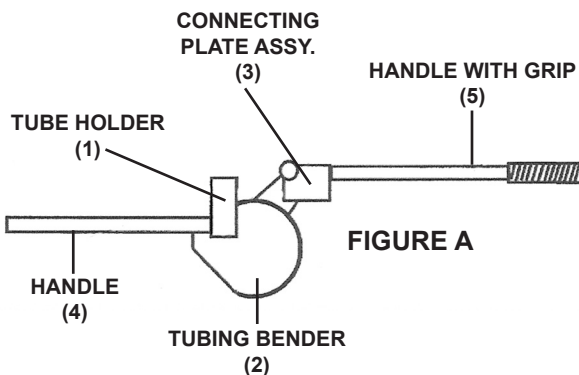
## ASSEMBLY & OPERATION INSTRUCTIONS



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.

### Assembly

- Insert the Handle (4) through the Tube Holder (1). Screw the Handle into the threaded hole of the Tubing Bender (2) by turning clockwise until tight. **(See Figure A.)**
- Insert the Handle with Grip (5) into the Connecting Plate Assembly (3). **(See Figure A.)**



## MAINTENANCE

- Before each use, inspect the Pipe Bender for bent or damaged components.
- Periodically, lubricate the hinge points of the tool with a medium weight oil.
- Regularly wipe down and clean the tool to keep it in best condition.
- When not in use, store the tool in a clean, dry, safe location out of reach of children and other unauthorized persons.

## PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT.

### Operation

- Select the proper bending die (5/8" or 7/8") to suit the diameter of tubing you wish to bend. **(See Figure B.)**
- Rotate the Handle with Grip (5) around the Tubing Bender (2) until it is in a straight line with the other Handle (4). **(See Figure B.)**

IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

**Record Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** No parts are available individually as replacement parts.

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## PARTS LIST & ASSEMBLY DIAGRAM.

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Part #	Description	Qty.	Part #	Description	Qty.
1	Tube Holder	1	5	Handle with Grip	1
2	Tubing Bender	1	6	5/8" Bending Die	1
3	Connecting Plate	1	7	7/8" Bending Die	1
4	Handle	1			

