

CHICAGO  WELDING®

3/8" ROTARY SPOT WELD CUTTER

Model 95343

SET UP AND OPERATING INSTRUCTIONS



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

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

SPECIFICATIONS

| | |
|--------------------|---|
| Overall Dimensions | 2-29/32" L X 1/4" hex shank |
| Material | Low carbon steel with chrome plated finish, spring loaded pin |
| Blade | Replacement type: 770-3842; 19/32" L X 3/8" OD, Double ended with 8 teeth per end |

Quickly removes spot welds on sheet metal. Provides better panel separation than a panel cutter.

Save This Manual

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

GENERAL SAFETY RULES

- 1. Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- 2. Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control. Protect others in the work area from debris such as chips and sparks. Provide barriers or shields as needed. Keep children out of the work area.
- 3. Stay alert.** Watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 4. Dress properly.** Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- 5. Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the power tool in unexpected situations.
- 6. Use safety equipment.** Always wear eye protection. Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions. Always wear ANSI-approved safety goggles, a dust mask/respirator, and work gloves when using or performing maintenance on this tool.
- 7. Use clamps (not included) or other practical ways to secure and support the work piece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- 8. Do not force the tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed. Do not force the tool and do not use the tool for a purpose for which it is not intended.
- 9. Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- 10. Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with a sharp cutting edge are less likely to bind and are easier to control. Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
- 11. Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may become hazardous when used on another tool.
- 12. When using a handheld power tool, always maintain a firm grip on the tool with both hands to resist starting torque.**
- 13. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contains chemicals known [to the State of California] to cause cancer, birth defects or other reproductive harm.** Some examples of these chemicals are: Lead from lead-based paint, Crystalline silica from bricks and cement or other masonry products Arsenic and chromium from chemically treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code § 25249.5, *et seq.*)

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 manual as soon as possible.

ATTACHING AND REMOVING THE BIT

1. Insert the Shaft into a vise. Grasp the Bit with a wrench and unscrew the Bit.
2. Thread on the new Bit or flip to unused cutter side.
3. Remove Shaft and Bit from vise.


OPERATION INSTRUCTIONS

1. The Spot Weld Cutter is now ready to be mounted to the drill. Read the drill owner's manual for instructions on properly mounting drill bits.
2. Before using the Spot Weld Cutter, make certain that the work piece is firmly clamped and secured in place. Place the Spot Weld Cutter Bit over the spot weld and slowly begin drilling into the work piece. Always hold the drill firmly with both hands to ensure safe operation of the Spot Weld Cutter. Note: If Bit does not stay in spot weld depression, dimple the center of the weld with a punch (not included).
3. Drill until the spot weld is removed. Do not over drill.

Note: When working on a vehicle, be certain to protect all electrical components from damage. Follow the vehicle owner's manual for securing electrical systems. Make certain that the drilling path is clear of all cables, wires and electrical components.

- a. Disconnect and isolate the negative battery cable and disarm the passive restraint system.
- b. Protect computer modules, connectors, and wiring from dirt, heat, moisture and metal chips.

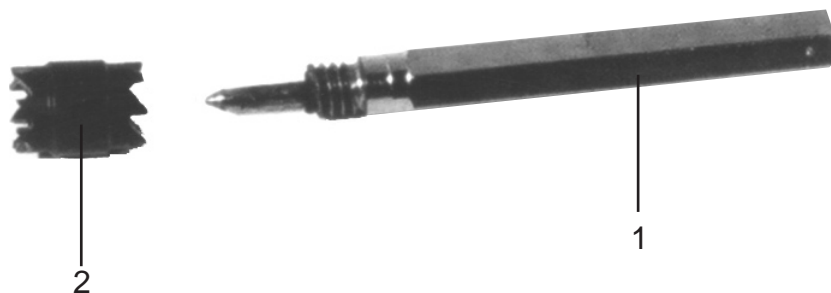
INSPECTION, MAINTENANCE, AND CLEANING

1.  **WARNING!** Make sure the Power Switch of the drill is in its "OFF" position and that the tool is unplugged from its electrical outlet before performing any inspection, maintenance, or cleaning procedures.
2. **BEFORE EACH USE**, inspect the general condition of the tool. Check for loose or broken parts and any other condition that may affect its safe operation. If abnormal noise or vibration occurs, have the problem corrected before further use. **Do not use damaged equipment.**
3. Clean the Spot Weld Cutter after each use. Remove any debris, grease, oil and dirt. Store in the Blow Mold Case in a secure place out of the reach of children.

PARTS LIST

| Part | Description | Quantity |
|------|-------------|----------|
| 1 | Shaft | 1 |
| 2 | Bit | 1 |

ASSEMBLY DIAGRAM



Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL 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. 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.