

# 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.

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**MADDOX™**  
SUPERIOR AUTOMOTIVE TOOLS

MC891

## Heavy Duty Automotive Tire Repair Kit



Visit our website at: <http://www.harborfreight.com>  
Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

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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

Lubricant Type	Industrial White Petroleum
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# Functions



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## Important Safety Information

1. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
2. Refer to tire repair regulations before repairing tire.
3. Do not allow Lubricant (Industrial White Petroleum) to contact skin.
4. Do not attempt to repair sidewall damage with this kit.
5. Be aware of sharp tips.
6. Inspect before every use; do not use if parts are loose or damaged.
7. This product is not a toy. Do not allow children to play with or near this item.
8. Do not modify Tire Repair Kit to perform tasks for which it was not designed.
9. Use only with accessories included with the Tire Repair Kit.
10. Deflate tire before use. Keep tire's valve stem uncovered during use to allow any remaining air to flow out of tire.
11. Keep work area clean and well lit.
12. Keep bystanders out of the area during use.
13. Do not use when tired or when under the influence of drugs, medication or alcohol.
14. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

# 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.

1. Locate obstruction or damage to tire.
2. Check applicable tire repair regulations before repairing tire.
3. If tire is repairable, ensure obstruction or damage to tire is easily accessible.
4. Remove Valve Cap.
5. Remove Valve Core.
6. Remove obstruction from tire with Pliers.

**NOTICE:** Do not allow Lubricant to contact skin.

10. Insert tip of Plug Tool into Lubricant.



11. Install a Repair Cord into Plug Tool until even on both sides.

7. Insert Probe Tool into hole.
8. Move Probe Tool up and down with a twisting motion.



12. Insert tip of Plug Tool into tire.



9. Remove Probe Tool.



13. Slowly insert Repair Cord 2/3 of the way in.
14. Press sliding portion of Plug Tool against tire.
15. Pull handle up until Plug Tool is removed from tire.



**CAUTION!** Wear heavy-duty work gloves and cut away from body.

16. Cut Repair Cord with Foldable Razor leaving 5mm of Repair Cord excess.



17. Install Valve Core.
18. Inflate tire to proper psi.
19. Install Valve Cap.

**NOTICE:** Additional steps or different procedures may be needed to permanently repair tires for use on public roads.

# Maintenance

## **⚠WARNING**

**TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:**

**Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.**

## **Cleaning, Maintenance, and Lubrication**

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1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
  - loose hardware
  - misalignment or binding of moving parts
  - cracked or broken parts
  - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe the tool off with a clean cloth.
3. When storing, coat all parts with a light oil to prevent rust, then store them in the Carrying Case.

## PLEASE READ THE FOLLOWING CAREFULLY

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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. 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:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175442000 when ordering parts.

## 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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