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. 24c

PITTSBURGH™

WINDSHIELD REMOVAL KIT



96339

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

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.

WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠ DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

1. Wear ANSI-approved safety goggles and heavy-duty work gloves during use. Wear gloves when handling glass windshields and braided wire.
2. Use care if windshield is cracked or broken; it may shatter when lifted.
3. Use assistance when removing and carrying glass windshields.
4. Keep away from children.
5. Use as intended only.
6. Do not use tools in damp or wet conditions.
7. Inspect before every use; do not use if parts are loose or damaged.
8. Use appropriate covers for hood/fender area and seats/dashboard.
9. Keep work area clean.
10. Keep work area well lighted.
11. When not in use, store in a secure and dry location.
12. Not to be used by a novice.
13. Keep tools sharp and clean for better performance. Handles must be kept clean, dry, and free from oil and grease.
14. Do not use on rain or light sensitive windshields or encapsulated glass.

⚠ SAVE THESE INSTRUCTIONS.

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 193175513021 when ordering parts.

PLEASE READ THE FOLLOWING CAREFULLY

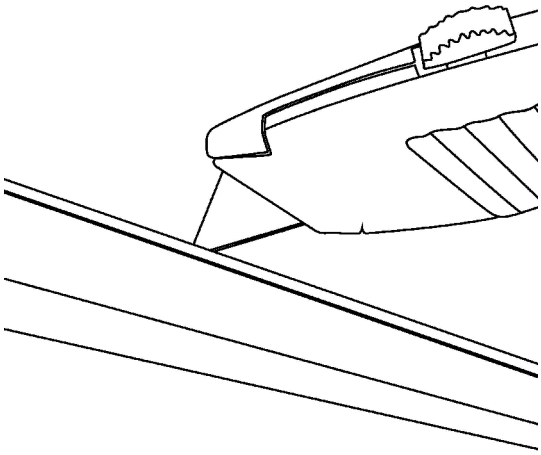
THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT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

Operating Instructions

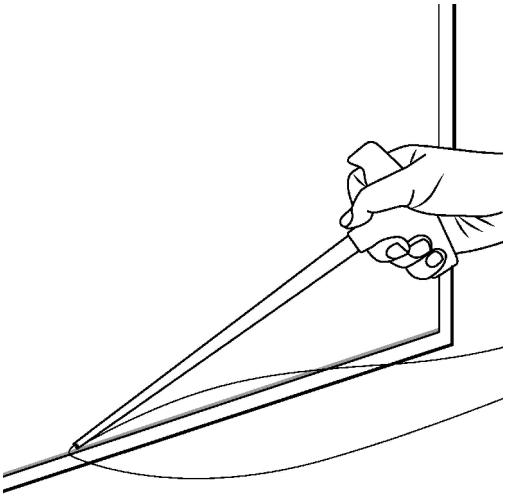
Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

⚠CAUTION Two people are needed to use this product and to safely handle and remove old windshield.

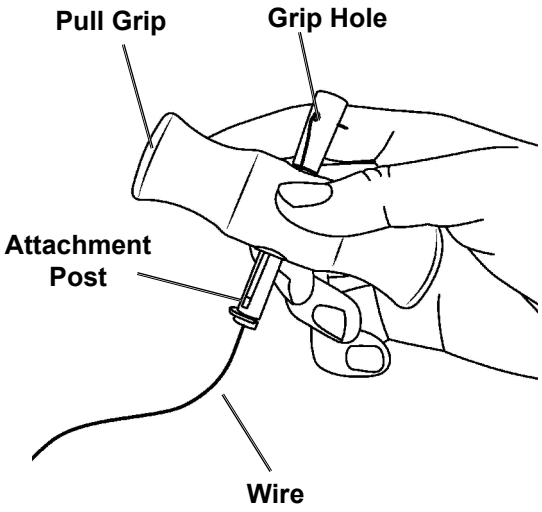
1. Park vehicle in a location with plenty of light, set the emergency brake and turn off the engine.
2. Remove trim from perimeter of windshield.
3. Remove the seal strip, then separate the rubber edge with a knife (sold separately).



4. Cut two to three feet of Wire (1) and bend it over the groove on Hook Tool (3).
5. Working outside of vehicle, push Hook Tool between windshield and frame until wire is exposed inside vehicle.

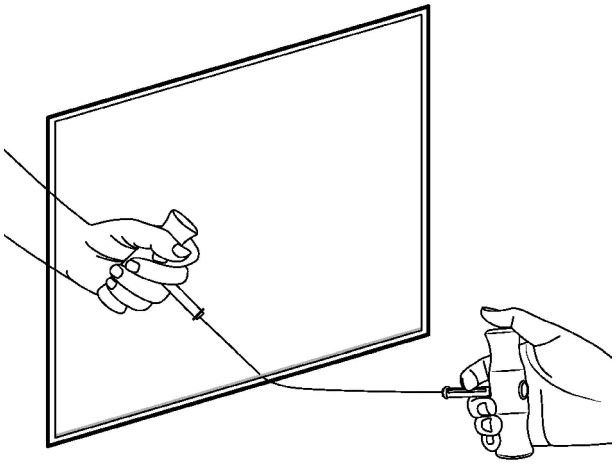


6. From inside vehicle, pull wire through to 1/2 its length. Remove Hook Tool.
7. Attach a Pull Grip to each end of wire:
   a. Push up the attachment post to expose slot and grip hole.
   b. Feed end of wire into attachment post through slot and into grip hole.
   c. Push attachment post into Pull Grip to secure the wire.
8. Repeat previous step for the second Pull Grip.



Note: Make sure both ends of wire are secured to the Pull Grips.

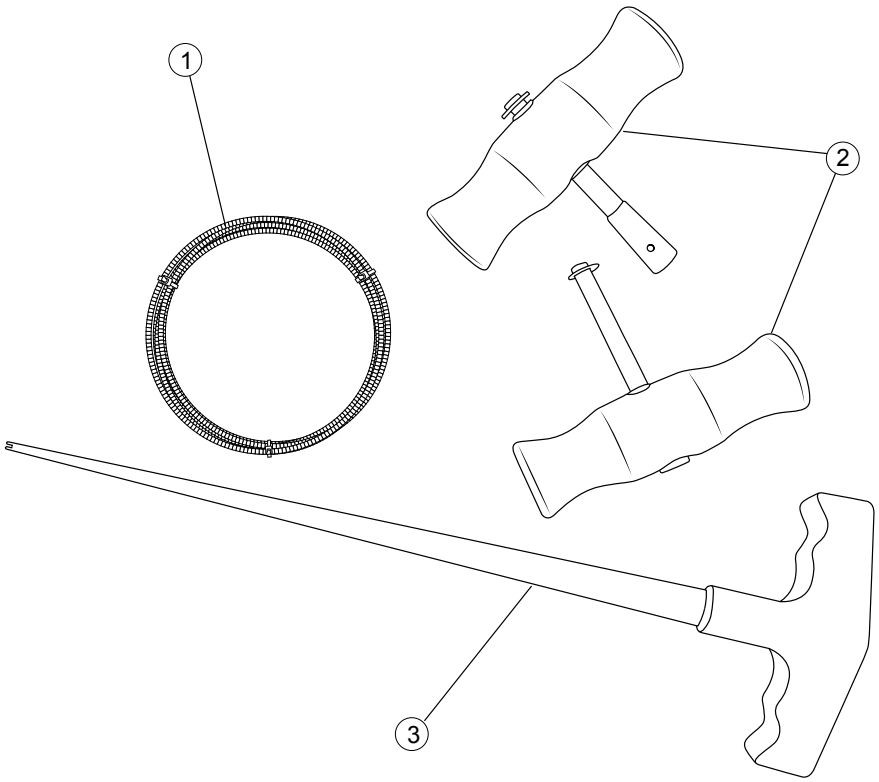
9. With assistance, (one person inside car, the other outside), move the Pull Grips along perimeter of windshield using a sawing motion.



10. When windshield is separated from frame, carefully lift off windshield and set it in a safe location.
11. Scrape off any glue from windshield frame and prepare for installation of new windshield.

Parts List and Diagram

Part	Description	Qty
1	72 ft Steel Windshield Wire	1
2	Pull Grip	2
3	Hook Tool	1



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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