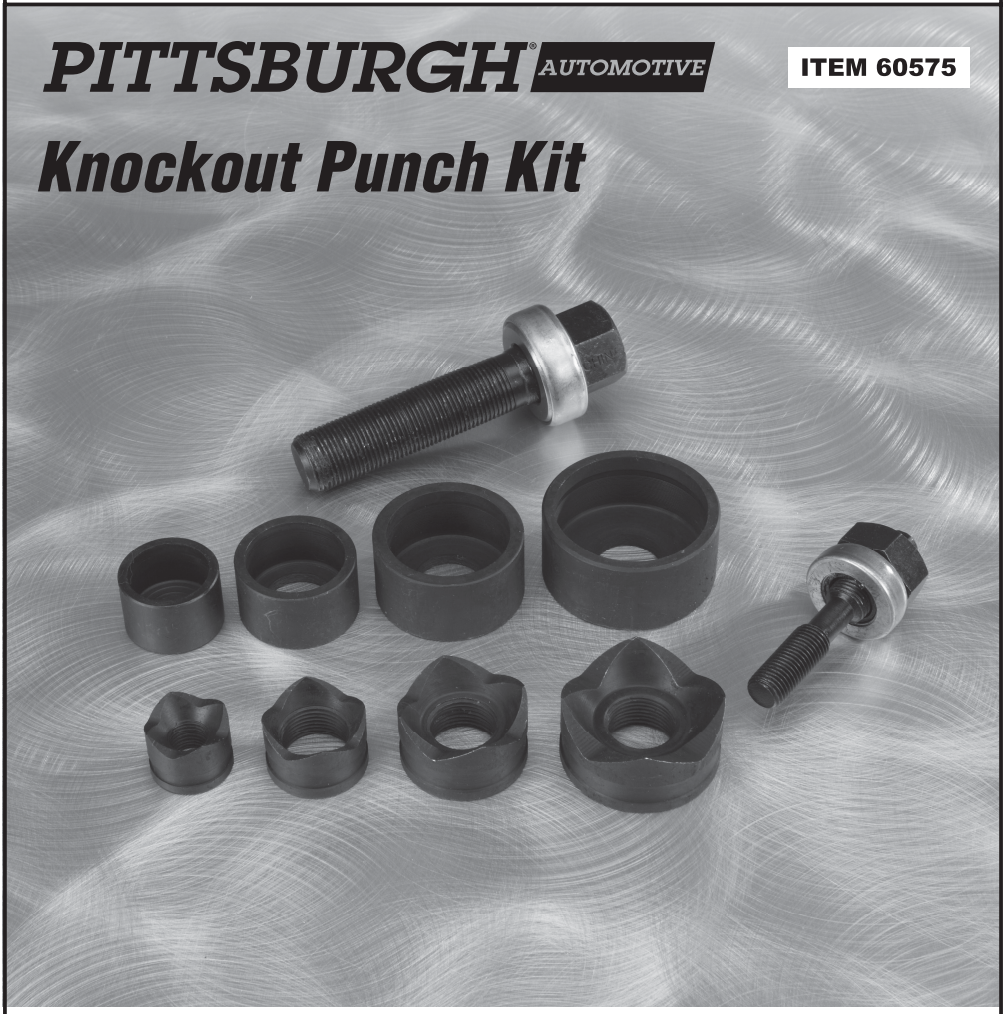
Owner's Manual & Safety Instructions

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.

PITTSBURGH® AUTOMOTIVE

ITEM 60575

Knockout Punch Kit



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

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 as soon as possible.

Copyright© 2012 by Harbor Freight Tools®. All rights reserved.
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

Material Thickness Capacities	
Mild Steel	10 gauge
Fiberglass	.08″
Aluminum	15 gauge
Plastic	.08″

Important Safety Information

1. Wear ANSI-approved safety goggles and heavy-duty work gloves during setup and use. **Punches and cut edges are sharp.**
2. Inspect before every use; do not use if dull or damaged.
3. Use as intended only. Do not use anything other than bolts to power punches or dies.
4. Do not exceed capacities listed above or use on other materials.
5. **Risk of electric shock and death!** Before drilling pilot holes, ensure that the workpiece is free from any wires, cables, and utility lines.
6. Keep work area clean and well lit.
7. Keep bystanders out of the area during use.
8. Do not use when tired or when under the influence of alcohol, drugs or medication.
9. This product is not a toy. Do not allow children to play with this item.
10. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
11. The warnings, cautions, and instructions discussed in this instruction sheet cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this set, but must be supplied by the operator.

Operation Instructions

1. Using a drill (sold separately), drill a pilot hole through the center of the location that you want the larger hole to be.

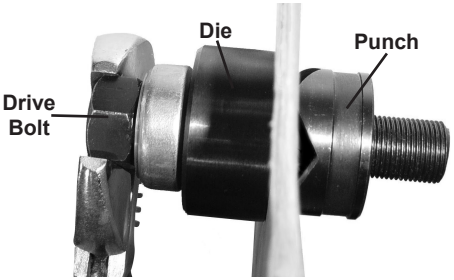
Note: Pilot hole should be 1/2″ diameter for the Small Bolt and 3/4″ diameter for the Large Bolt.

2. Place the $^1/_2$″ Die (4) over the Small Drive Bolt (1), with the flat side against the bearing. Insert the Small Drive Bolt through the hole.

Note: On some materials it may be helpful to apply light oil to the Punch to help it move freely.

3. Thread the $^1/_2$″ Punch (3) onto the Bolt on the other side of the material, with the blade side facing the material to be cut. Finger-tighten until the Punch is snug against the material.

4. Use a wrench, ratchet, or power tool (not included) to turn the Drive Bolt, driving the Punch into the material.



CAUTION! The tool may slip when breaking through.

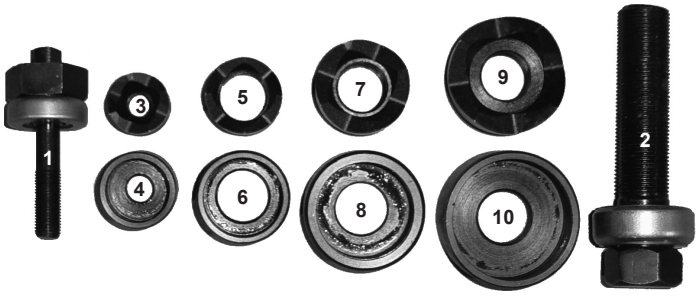
5. Unthread the Punch to remove the material.

6. If a larger hole is desired, after the hole is opened up using the smaller Punch and Die, repeat the above steps using the Large Drive Screw (2) with a larger Punch and Die pair.

7. After use, clean the Punch, Die, and Bolt by oiling them lightly and **carefully** wiping them with a dry cloth. Store them in the case in a dry, cool area, **out of children's reach**.

Parts List and Diagram

Part	Description
1	Small Drive Bolt
2	Large Drive Bolt
3	1/2″ Punch
4	1/2″ Die
5	3/4″ Punch
6	3/4″ Die
7	1″ Punch
8	1″ Die
9	1-1/4″ Punch
10	1-1/4″ Die



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.

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.

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.

3491 Mission Oaks Blvd. • PO Box 6009 • Camarillo, CA 93011 • (800) 444-3353