Owner's Manual & Safety Instructions

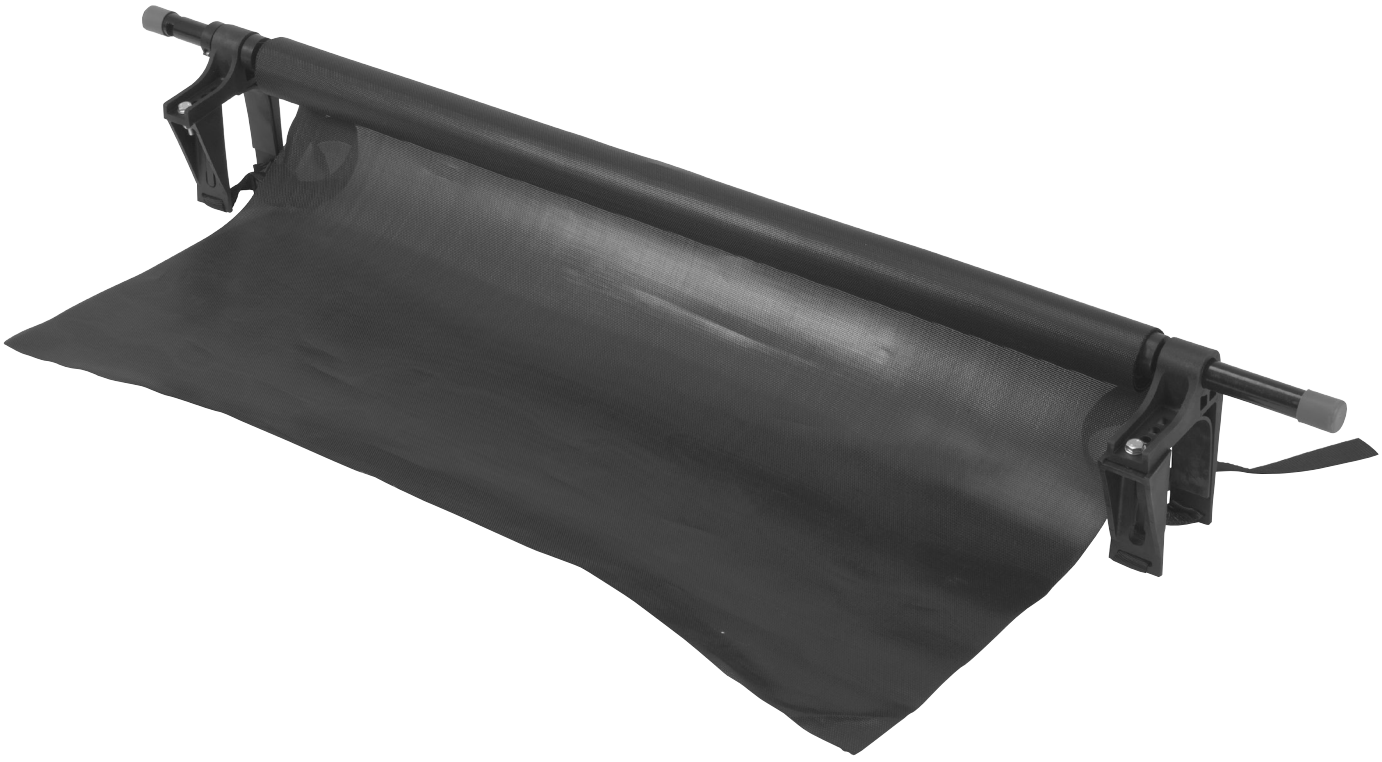
Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's date code in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

25h

2000 LB. CAPACITY

Haul Master

1 TON TRUCK BED CARGO UNLOADER



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

60800

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.

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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.**

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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

⚠WARNING

Read all safety warnings and instructions.
Failure to follow the warnings and instructions may result in serious injury.
Save all warnings and instructions for future reference.

Assembly Precautions

1. Assemble only according to these instructions before use. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles during use.
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 alcohol, drugs or medication.
6. Weight capacity and other product capabilities apply to properly and completely assembled product only.

Use Precautions

1. Do not exceed rated weight capacity of Cargo Unloader.
2. Do not exceed rated weight capacity of truck. Refer to truck's Gross Vehicle Weight Rating.
3. Set parking brake before unloading. Do not unload while truck is moving.
4. Do not stand behind truck while unloading.
5. Do not force the crank while unloading. If load does not move or crank is very difficult to turn, see Unloading Troubleshooting section.
6. Close tailgate and make sure it latches completely before loading.
7. Check local automotive regulations before driving with unloader attached.
8. Wear ANSI-approved safety goggles while unloading.
9. If stopping while unloading, let up pressure on handle before letting go.
10. Make sure unloading area is clear of people and other objects before unloading.
11. Secure Roller Bar before driving. Failure to secure Roller Bar may cause Load Sheet to billow while driving, causing a traffic hazard.
12. This product is not a toy. Do not allow children to play with or near this item.
13. Use as intended only.
14. Inspect before every use; do not use if parts are loose or damaged.
15. No alterations shall be made to this product.
16. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.



SAVE THESE INSTRUCTIONS.

Specifications

Weight Capacity	2,000 lb.
Load Sheet	50"W x 170"L
Roller Bar	68"L

Installation Instructions

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

Note: This Cargo Unloader is intended for use with a truck bed that has a friction-free surface. Heavier loads may be difficult to unload if there are conditions present, such as:

a. Bed has a sprayed-in bedliner
b. A no-slip bedliner is in place
c. A rubber mat is in place
d. Rust or debris is on the bed

Before using the Cargo Unloader, remove rubber mats and no-slip bedliners, along with any dirt and debris that may cause friction or tear Load Sheet. Install liner or another smooth surface if necessary.

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

1. Position Roller Bar (17) so that Crank Slot is on left and Load Sheet unwinds away from you. Make sure hook-and-loop straps secure Load Sheet.
2. Remove Roller Bar Caps (18) from Roller Bar.
3. Slide first set of Bracket Stops (8) on Roller Bar on both sides of Load Sheet.
4. Slide "L" Brackets (7) next to Bracket Stops on both sides.
5. Slide second set of Bracket Stops next to "L" Brackets on both sides.
6. Insert Stop Bolts (9) and thread Stop Nuts (10) loosely on all four Bracket Stops.
7. Reinstall Roller Bar Caps on both sides. **(See Figure A.)**

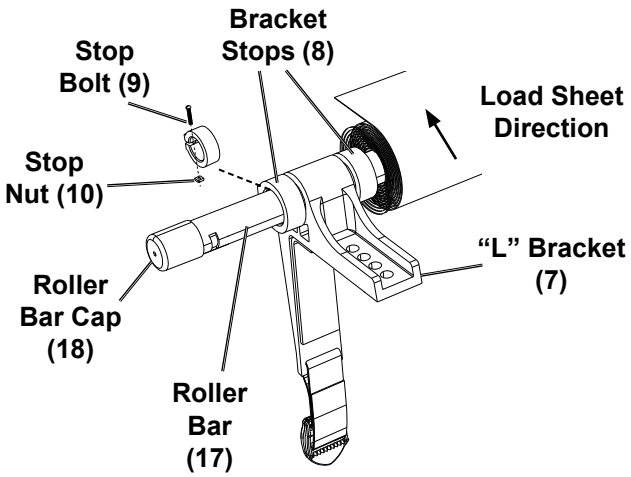


Figure A

8. Slide Rear Brackets (12) under "L" Brackets, making sure to place Rear Bracket with Left Tailgate Strap (2), which includes extra buckle for Bumper Strap, and Rear Bracket with Right Tailgate Strap (3) correctly.
9. Secure loosely with Bracket Bolts (14), Bracket Washers (16) and Bracket Nuts (15). **(See Figure B.)**

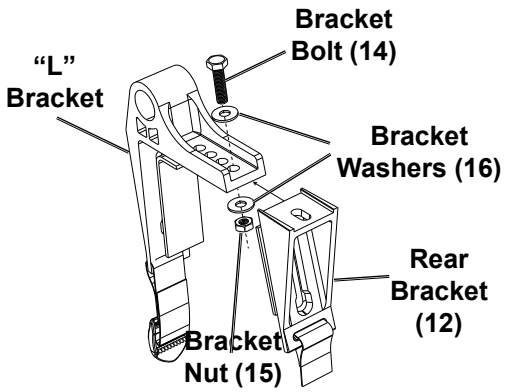


Figure B

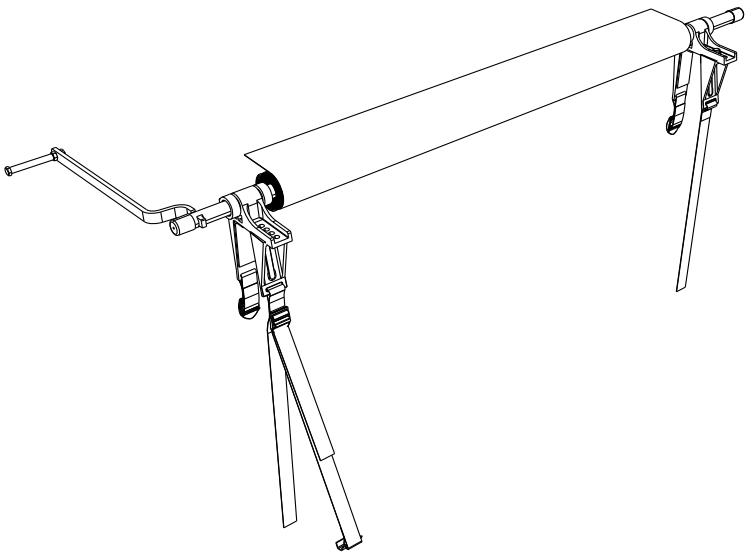


Figure C: Overall Parts Layout

10. With tailgate closed and latched, position unit so Crank Slot is on driver's side outside edge of tailgate.

11. Slide Bracket Assemblies to inside edges of truck walls and position Bracket Stops against Bracket Assemblies. Tighten hardware on Bracket Stops.

12. Adjust Rear Brackets until snug against tailgate, then tighten hardware. **(See Figure D.)**

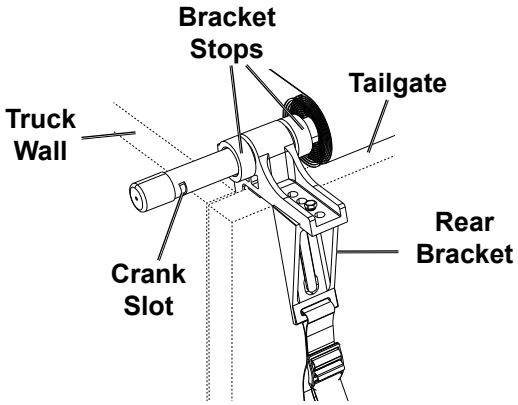


Figure D

13. Lower tailgate, then Feed Rear Bracket Straps through gap between tailgate and truck bed, then up tailgate to "L" Bracket Buckles. Feed Straps through Buckles and tighten slack by pulling Straps. **(See Figure E.)**

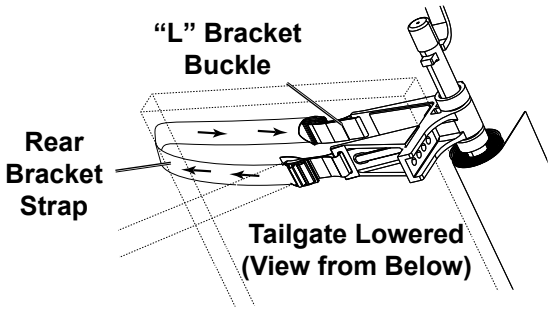


Figure E

14. Insert Crank Handle into Crank Slot. If needed, loosen Bracket Stops and reposition Roller Bar to the left to make sure Crank Handle will clear truck. Tighten Bracket Stops. **(See Figure F.)**

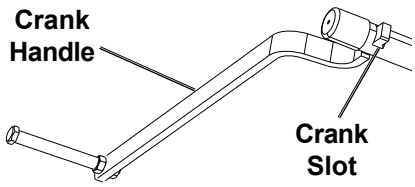


Figure F

15. Remove Crank Handle and store in truck's cab.

16. Close tailgate, then place Bumper Hook (23) under bottom of bumper. Tighten slack by pulling Bumper Strap (4). **(See Figure G.)**

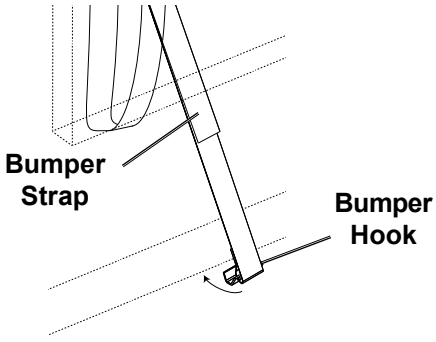


Figure G

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

Loading

Note: Check local automotive regulations before driving with Cargo Unloader attached.

1. **Before each use**, clean truck bed and Load Sheet. Dirt and debris can damage Load Sheet. Spray silicone lubricant (not included) around "L" Brackets and Crank Slot.
2. Make sure tailgate is closed and latched.
3. Do not exceed rated weight capacity of Cargo Unloader.
4. Do not exceed rated weight capacity of truck. Refer to truck's Gross Vehicle Weight Rating.
5. Remove hook-and-loop straps securing Load Sheet.
6. Make sure Load Sheet is centered across bed.
7. Pull Load Sheet out to cover bed.

Note: Do not pull Load Sheet out beyond "Stop" labels. Leave at least three wraps on Roller Bar at all times.

8. Load truck, making sure load is centered on Load Sheet and does not accumulate around wheel wells and walls. **(See Figure H.)**

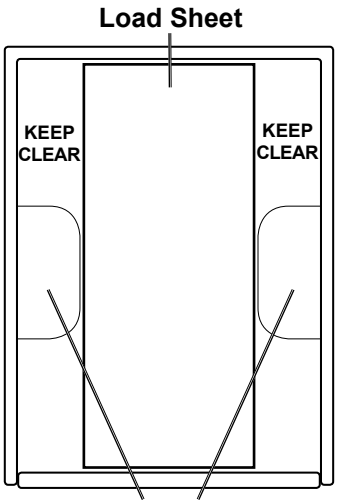


Figure H

9. Secure Roller Bar with hook-and-loop straps:
   a. Attach straps to each other to make one strap.
   b. Feed strap through Crank Slot, around Bracket, then tightly secure ends together.

WARNING! Secure Roller Bar before driving. Failure to secure Roller Bar may cause Load Sheet to billow while driving, causing a traffic hazard.

Unloading

CAUTION! Open tailgate cautiously, load may shift or fall while opening.

1. Open tailgate, attach Bumper Strap and tighten it securely.

Note: The purpose of Bumper Strap is to keep tailgate from moving while unloading.

2. Spray silicone lubricant (not included) around "L" Brackets and Crank Slot as necessary.

3. Check position of load. Move any shifted load around wheel wells and walls onto Load Sheet.

Note: If moving organic materials, such as grass clippings, you may need to loosen materials (due to settling) before unloading.

4. Insert Crank Handle into Crank Slot and rotate Handle clockwise to unload. **(See Figure I.)**

CAUTION! Do not stand behind truck while unloading.

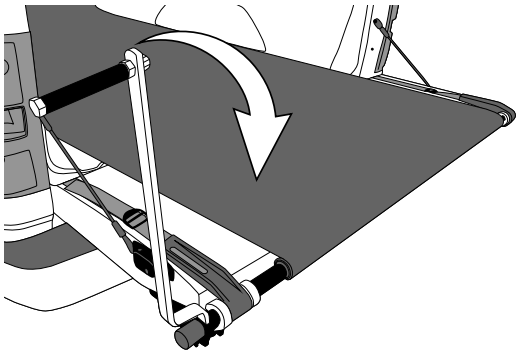


Figure I

5. After bed is unloaded, rotate Handle until excess Load Sheet is on Roller Bar. Replace hook-and-loop straps to secure Load Sheet.

6. Close tailgate.

Troubleshooting - Unloading

Problem	Possible Causes	Likely Solutions
Load won't move or Roller Bar hard to crank	1. Material shifted behind wheel well(s). 2. Load is too heavy. 3. Friction on truck bed. 4. Materials that can cake together (grass clippings, roofing shingles, floor tiles, etc.) have seized together. 5. "L" Brackets and/or Crank Slot need lubricating.	1. Move material accumulated around wheel wells or walls back on Load Sheet. 2. Remove enough weight until load will move. 3. Remove enough weight until load will move, then install liner or another smooth surface. 4. Remove material manually (especially around wheel wells) until load will move. 5. Spray silicone lubricant (not included) around "L" Brackets and/or Crank Slot.
Roller Bar slipping	Bracket Stops may be loose.	Tighten Bracket Stops.

Follow all safety precautions whenever diagnosing or servicing the Cargo Unloader.

After Every Use

1. Pull out Load Sheet and hose it off.

2. After Load Sheet is dry, rotate Handle clockwise until Load Sheet is on Roller Bar. Replace hook-and-loop straps to secure Load Sheet.

3. Clean truck bed.

Note: Check local automotive regulations before driving with Cargo Unloader attached.

4. To remove Cargo Unloader:
   a. Loosen Bumper Strap and remove Hook from bumper.
   b. Open tailgate, detach Rear Bracket Straps from "L" Bracket Buckles and feed Straps through gap between tailgate and truck bed.
   c. Lift unit off tailgate.

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition of the unit. Check for:
   - loose hardware,
   - misalignment or binding of moving parts,
   - cracked or broken parts, and
   - any other condition that may affect its safe operation.
2. **Before each use**, clean truck bed and Load Sheet. Dirt and debris can damage Load Sheet. Spray silicone lubricant (not included) around “L” Brackets and Crank Slot.

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.

Parts List

Part	Description	Qty
1	Buckle Strap	2
2	Left Tailgate Strap	1
3	Right Tailgate Strap	1
4	Bumper Strap	1
5	Load Sheet	1
6	Buckle	3
7	“L”Bracket	2
8	Bracket Stop	4
9	Stop Bolt	4
10	Stop Nut	4
11	"L” Bumper	2
12	Rear Bracket	2

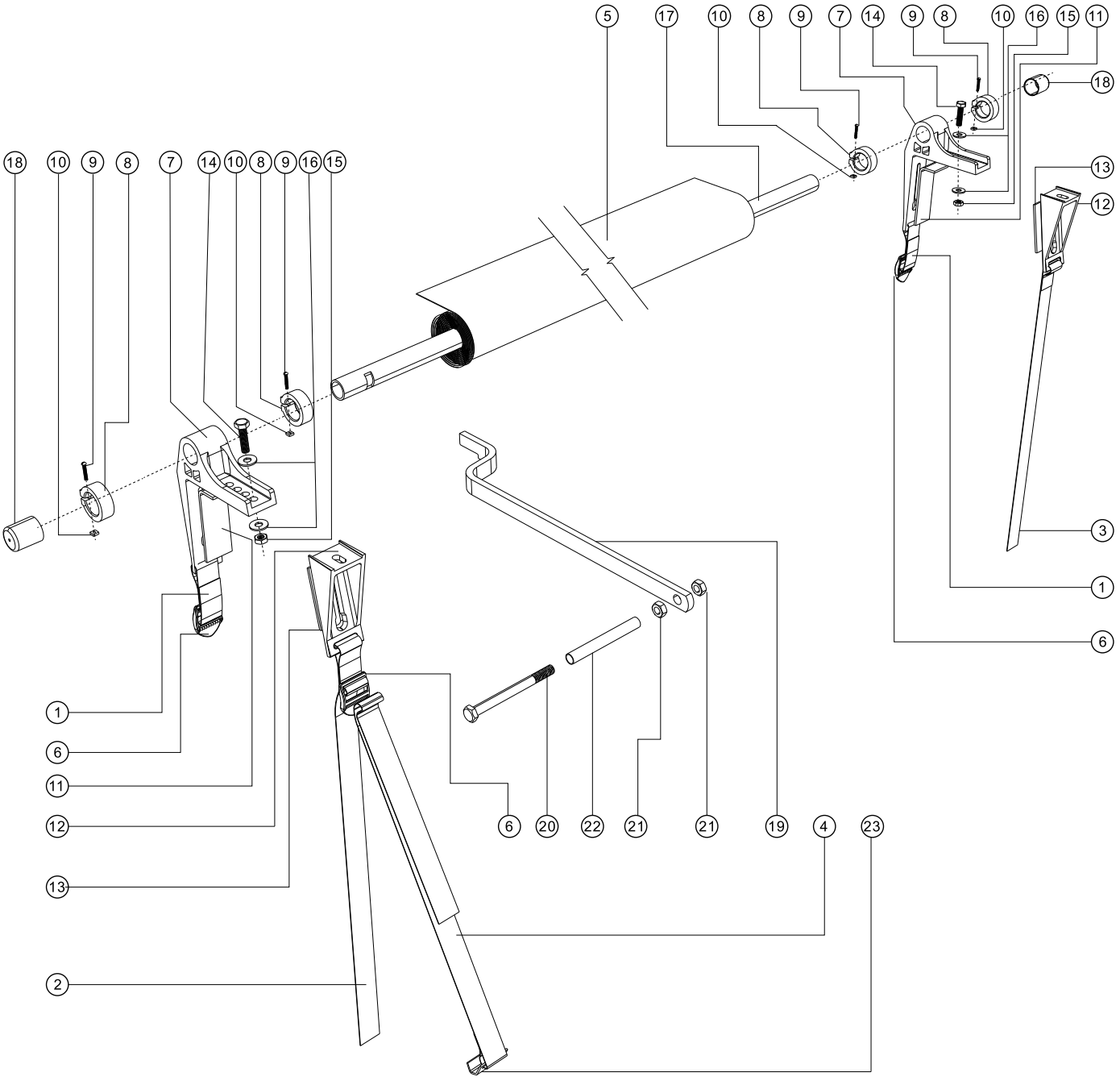
Part	Description	Qty
13	Rear Bracket Bumper	2
14	Bracket Bolt	2
15	Bracket Nut	2
16	Bracket Washer	4
17	Roller Bar	1
18	Roller Bar Cap	2
19	Crank	1
20	Crank Bolt	1
21	Crank Nut	2
22	Crank Handle	1
23	Bumper Hook	1

Record Date Code Here:

Note: If product has no date code, 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 193175592842 when ordering parts.

Assembly Diagram



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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