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. 25a

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5 GALLON PAIL PUMP



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Email our technical support at: 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 1-800-444-3353 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.

Specifications

Construction	Red T-Handle with molded finger grip, steel spout; steel shaft with 4″ suction tube extender
Suction Tube Length	12-9/16″ to 16-7/8″ with 4″ suction tube extender
Delivery Hose	Clear PVC with coil spring; 47-1/2″ x 15/32″ ID
Pump Output Spout	Manual non-drip tip
Output per Pump	1.9 fl oz per down stroke
Features	Head swivels 360 degrees; includes Bung and Reike adapters

IMPORTANT SAFETY INFORMATION

Use Precautions

1. For use with oil only. Do not use with water. Do not use with corrosive liquids. Do not use with gasoline.
2. Assemble only according to these instructions. Improper assembly can create hazards.
3. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
4. Keep area clean and well lit.
5. Do not operate when tired or when under the influence of drugs or medication.
6. This product is not a toy. Do not allow children to play with or near this item.
7. Use as intended only.
8. The container (sold separately) that the oil will be siphoned into must be set onto a flat and level surface capable of supporting the container and the transferred oil.
9. Do not pump used, dirty oil.
10. Do not leave pump unattended while operating.
11. Do not use near open flame or heat sources.
12. Use only on a flat surface capable of supporting the Pail Pump and its contents.
13. Know and obey city and state laws for proper disposal of oil. Dispose of oil properly in accordance with all local laws and regulations.
14. Inspect before every use; do not use if parts are loose or damaged.
15. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

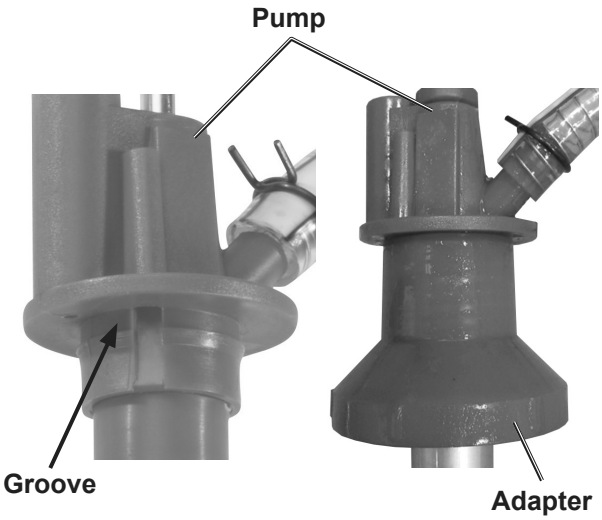
Operating Instructions

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.

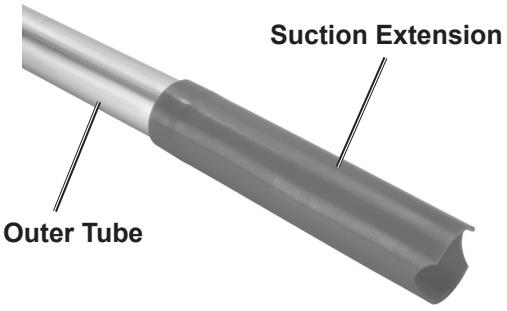
1. Referencing the chart below, select the appropriate Adapter type for your pail bung. Remove the cap from the bung and test fit Adapter to the pail bung by threading Adapter onto the bung threads. Select Adapter with best fit.

Bung Type	Adapter Type	Description
 Capped Opening	 Small Flange	Red, Ø55.1mm ID, Ø57mm OD, Thread Pitch 3.0
		Blue, Ø55.4mm ID, Ø58.4mm OD, Thread Pitch 3.0
		Black, Ø55.8mm ID, Ø57.1mm OD, Thread Pitch 3.0
 Pull Out Spout With Cap	 Large Flange	Red, Ø36.6mm ID, Ø38.7mm OD, Thread Pitch 4.0
		Red, Ø37.8mm ID, Ø40mm OD, Thread Pitch 4.0
		Blue, Ø36.6mm ID, Ø38.7mm OD, Thread Pitch 4.0
		Black, Ø34.9mm ID, Ø32.9mm OD, Thread Pitch 2.9

2. Slide Adapter over Outer Tube of Pump and firmly press it into bottom of pump until its lip clicks into the groove on the pump.

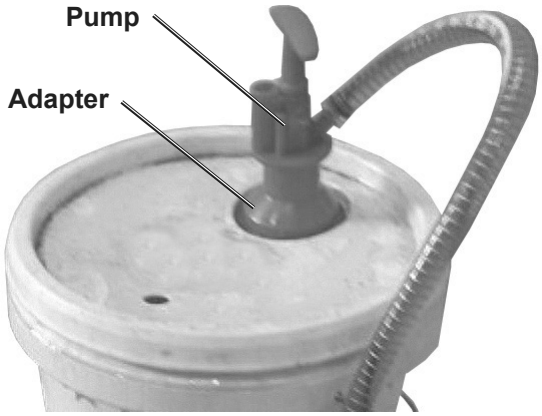


3. Compare pail height to pump height; if necessary, pull down Suction Extension to allow Pump to reach bottom of pail. Confirm the mouth opening is completely submerged.



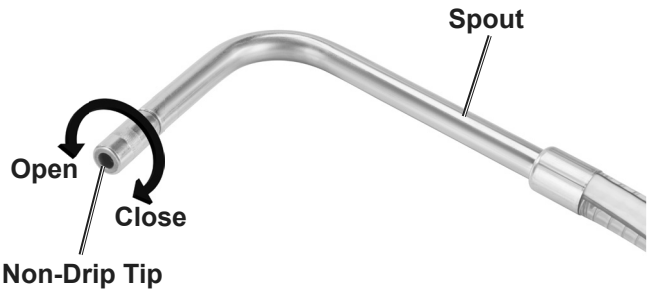
4. Insert Pump/Adapter assembly into pail bung and thread Adapter onto pail bung threads.

Note: Pump/Adapter assembly should be firmly attached to pail bung with little to no movement.



5. Twist open the Non-Drip Tip on Spout and place Spout into container (sold separately) to receive fluid.

Note: Secure or hold the Spout into the container to prevent spillage from the Spout falling out.

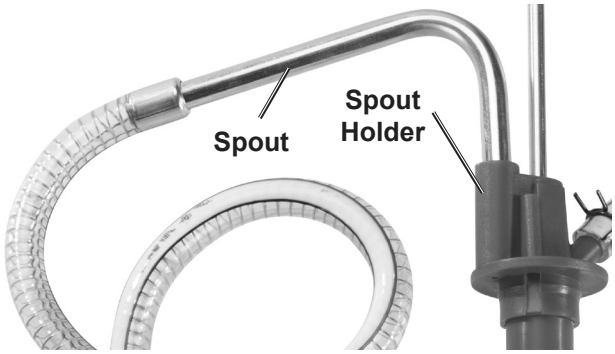


6. Grasp T-Handle and pull up to draw fluid into Pump, then push down to expel fluid through the hose into the container. Continue until desired amount of fluid is transferred. Finish with T-Handle in the down (closed) position.



7. When finished filling container, twist Non-Drip Tip on Spout closed to prevent leakage.

8. Place Spout tip in Spout Holder on Pump.



9. Unthread Adapter from pail bung threads and remove the Pump/Adapter assembly from the pail. Wipe Assembly dry.

10. Clean up any oil leaks and/or spillage. Dispose of oil properly in accordance with all local, state, and federal laws, ordinances and regulations.

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

⚠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

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - loose hardware,
   - hoses and connections for damage, leaks and kinks,
   - hoses for blockage,
   - misalignment or binding of moving parts,
   - cracked or broken parts, and
   - any other condition that may affect its safe operation.
2. **AFTER USE,** clean Pump with warm water and a mild household detergent. Dry with a clean cloth.
3. Periodically use a light oil lubricant on the Handle assembly.
4. Store in a dry, indoor area out of the reach of children.

Troubleshooting

Problem	Possible Causes	Likely Solutions
Pump does not draw up oil.	Fluid too thick.	Pump only lightweight oils to gear oils.
	Pump shaft opening is not submerged into fluid.	Push pump shaft opening into fluid.
	Pump shaft opening is clogged with debris.	Remove debris from pump shaft opening.
	Spout non-drip tip is closed.	Twist open Spout non-drip tip.
	Spout non-drip tip is clogged with debris.	Remove debris from Spout non-drip tip.
	Adapter is not securely attached to pump assembly or pail.	Make sure pump assembly, adapter and pail are securely attached and sealed.

Follow all safety precautions whenever diagnosing or servicing the tool.

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	Pump Head	1
2	Inner Tube	1
3	Outer Tube	1
4	Foot Valve	1
5	Steel Ball Ø9/16″	1
6	Ball Retaining Spring	1
7	Plunger Rod	1
8	Piston	1
9	Nylock Nut	1
10	Top Stop Spring	1
11	O-Ring BS008	1
12	T-Handle	1
13	O-Ring BS614	1

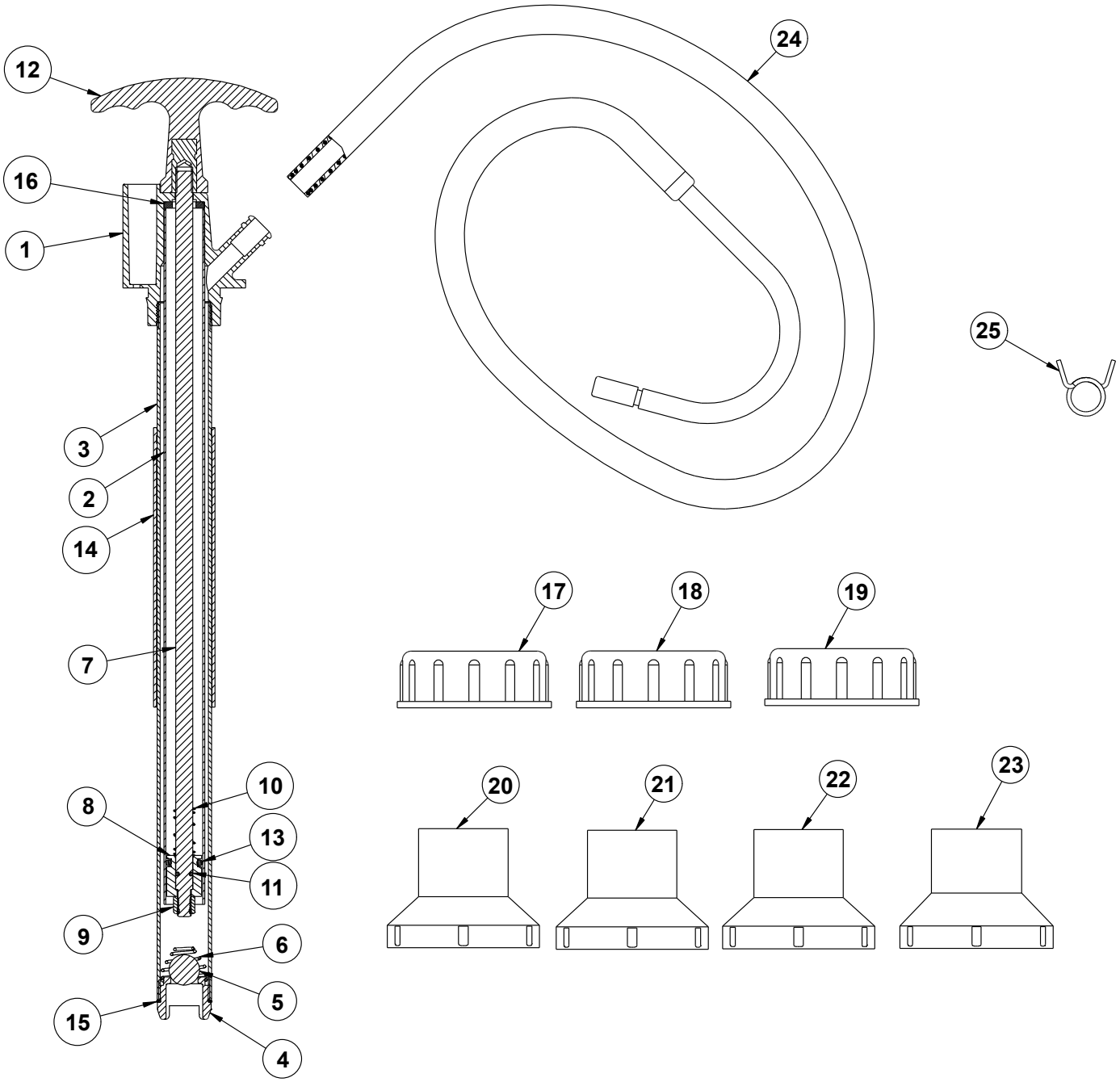
Part	Description	Qty
14	Suction Extension	1
15	Stopper	1
16	Rubber Washer	1
17	Small Flange Adapter (Red)	1
18	Small Flange Adapter (Blue)	1
19	Small Flange Adapter (Black)	1
20	Large Flange Adapter (Red)	1
21	Large Flange Adapter (Red)	1
22	Large Flange Adapter (Blue)	1
23	Large Flange Adapter (Black)	1
24	Hose Assembly	1
25	Hose Clip	1

Record Product's 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 193175561008 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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