PITTSBURGH® AUTOMOTIVE

5 Gallon Oil Drain

Item 90582



⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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.

Visit our website at: http://www.harborfreight.com

Email our tech support at: tech@harborfreight.com

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Manual Revised 11g

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.

Safety Alert Symbol and Signal Words

In this manual, on the labeling, and all other information provided with this product:



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

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

CAUTION

CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR INJURY TO PERSONS

WARNING – When using tools, basic precautions should always be followed, including the following:

1. Keep work area clean and dry.
   Cluttered, damp, or wet work areas invite injuries.
2. Keep children away from work area.
   Do not allow children to handle this product.
3. Store idle equipment. When not in use, tools and equipment should be stored in a dry location to inhibit rust. Always lock up tools and equipment, and keep out of reach of children.
4. Do not use this product if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to use this product.
5. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
6. Dress safely. Do not wear loose clothing or jewelry, as they can become caught in moving parts. Wear a protective hair covering to prevent long hair from becoming caught in moving parts.
7. Do not overreach. Keep proper footing and balance at all times to prevent tripping, falling, back injury, etcetera.
8. Stay alert. Watch what you are doing at all times. Use common sense. Do not use this product when you are tired or distracted from the job at hand.
9. Check for damaged parts. Before using this product, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect the operation of this product. Replace or repair damaged or worn parts immediately.
10. When servicing, use only identical replacement parts. Only use accessories intended for use with this product.
11. Maintain this product with care.
    Keep this product clean and dry during storage for better and safer performance.
    For your safety, service and maintenance should be performed regularly by a qualified technician.
12. Use as intended only. Do not use for any other liquid.
13. Vehicle must be safely supported by a proper vehicle lift before service.
14. Use on flat, hard, level surface only.
15. Do not use near open flame or heat sources. Do not smoke during use.
16. Prior to using the Drain, read and understand all warnings, safety precautions, and instructions as outlined in the vehicle manufacturer's and the support device's instruction manuals.
17. Do not use the Drain with the vehicle's engine running.

18. Keep bystanders away during use.
19. Avoid burns. Allow the engine oil to completely cool before draining the oil into the Drain.
20. Do not leave unattended when operating or evacuating oil.
21. Remove the Drain before lowering the vehicle.
22. Recycle used oil according to regulations.
23. The warnings and precautions discussed in this manual 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 product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS.

Specifications

Tank Capacity	5 Gallons
Height	40″ – 67″

Assembly

Read the ENTIRE IMPORTANT SAFETY INSTRUCTIONS section at the beginning of this manual before set up or use of this product.

1. Screw the Funnel (1) onto the threaded portion of the Upper Tube (2).
2. Insert the Upper Tube into the Lower Tube (4).
3. Screw the two Wing Screws (3) into the two threaded holes located at the top portion of the Lower Tube (4).
4. Screw the threaded portion of the Lower Tube (4) into the top of the Tank (6).
5. Place the Strap (7) around the lower portion of the Tank (6), and secure the Strap to the Tank using one Bolt (11), one Lock Washer (12), and one Nut (13).
6. Insert the threaded portion of the four Casters (10) upward into the four mounting holes located on the Strap (7), and secure the Casters to the Strap using four Lock Washers (9) and four Nuts (8).

Operation

Read the ENTIRE IMPORTANT SAFETY INSTRUCTIONS section at the beginning of this manual before set up or use of this product.

Inspect tool before use, looking for damaged, loose, and missing parts. If any problems are found, do not use tool until repaired.

1. Loosen the two Wing Screws (3) slightly and slide the Funnel (1) and Upper Tube (2) downward to lowest position.
2. Move the Drain under the raised vehicle, and position the Funnel (1) directly below the oil drain plug.
3. Raise the Upper Tube (2) and Funnel (1) until the Funnel is approximately 4″ below the oil drain plug. Then, tighten the two Wing Screws (3) to hold the Upper Tube and Funnel in place.
4. Remove the oil drain plug, and allow the used oil to completely drain from the engine into the Funnel (1).

Note: Do not exceed 5 gallon capacity.

5. Once the used engine oil is completely drained, replace the oil drain plug.
6. Loosen the two Wing Screws (3) slightly, and slide the Upper Tube (2) and Funnel (1) downward to the lowest position.
7. Move the Drain out from under the vehicle.
8. When emptying the oil from the Tank (6), follow guidelines for engine oil recycling.

User-Maintenance Instructions

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

1. Before each use, inspect the general condition of the Drain. Check for broken or bent parts, loose or missing parts, and any condition that may affect the proper operation of the product. If a problem occurs, have the problem corrected before further use. **Do not use damaged equipment.**
2. After each use, clean the Drain of any spilled oil, using a detergent or mild solvent.
3. Store in a safe and dry location.

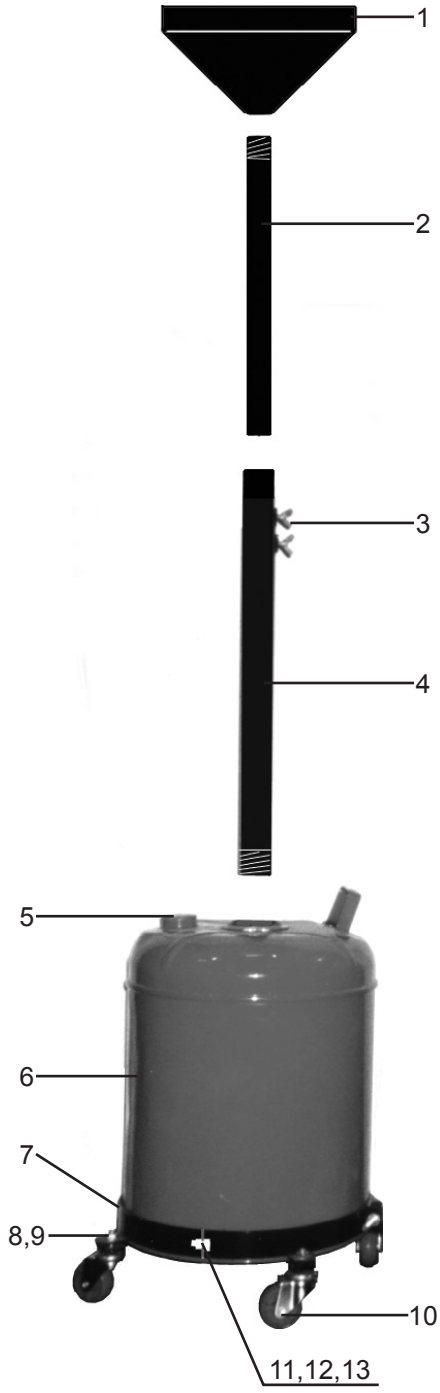
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Parts List and Assembly Diagram

Part	Description	Qty.
1	Funnel	1
2	Upper Tube	1
3	Wing Screw	2
4	Lower Tube	1
5	Cap	1
6	Tank	1
7	Strap	1

Part	Description	Qty.
8	Nut	4
9	Lock Washer	4
10	Caster	4
11	Bolt	1
12	Lock Washer	1
13	Nut	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.

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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