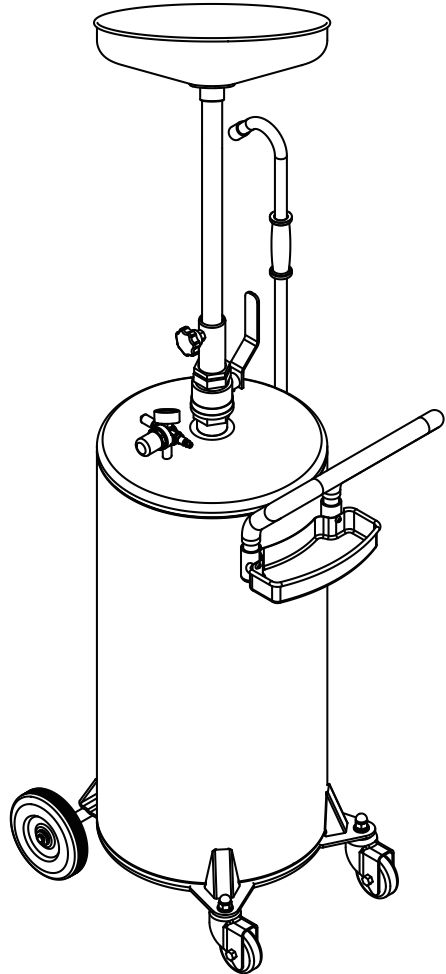


20 GALLON PORTABLE OIL DRAIN TANK

OPERATING INSTRUCTIONS AND PARTS MANUAL

MODEL: ODT- 20



Please read and save these instructions.

Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

PERSONAL SAFETY

1. Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool increases the risk of injury to persons.

2. Dress properly. Do not wear loose clothing or jewelry. contain long hair. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair increases the risk of injury to persons as a result of being caught in moving parts.

3. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.



4. Always wear eye protection. Wear ANSI-approved safety goggles.

Tool Use and care

1. Do not force the tool. Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.

2. Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool unintentionally. Turn off and detach the air supply, safely discharge any residual air pressure, and release the throttle and/or turn the switch to its off position before leaving the work area.

3. Store the tool when it is idle out of reach of children and other untrained persons. A tool is dangerous in the hands of untrained users.

4. check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools. There is a risk of bursting if the tool is damaged.

5. Use only accessories that are identified by the manufacturer for the specific tool model. Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.

Service

1. Tool service must be performed only by qualified repair personnel.

2. When servicing a tool, use only identical replacement parts. Use only authorized parts.

AIR SOURCE



1. **Never connect to an air source that is capable of exceeding 200 psi.** Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.

2. **Never use oxygen, carbon dioxide, combustible gases or any bottled gas as an air source for the tool.** Such gases are capable of explosion and serious injury to persons.

Symbols and Specific Safety Instructions

Symbol Definitions

Symbol	Property or statement
PSI	Pounds per square inch of pressure
CFM	Cubic Feet per Minute flow
SCFM	Cubic Feet per Minute flow at standard conditions
NPT	National pipe thread, tapered

Symbol	Property or statement
NPS	National pipe thread, straight
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved eye protection.
	WARNING marking concerning Risk of Explosion.

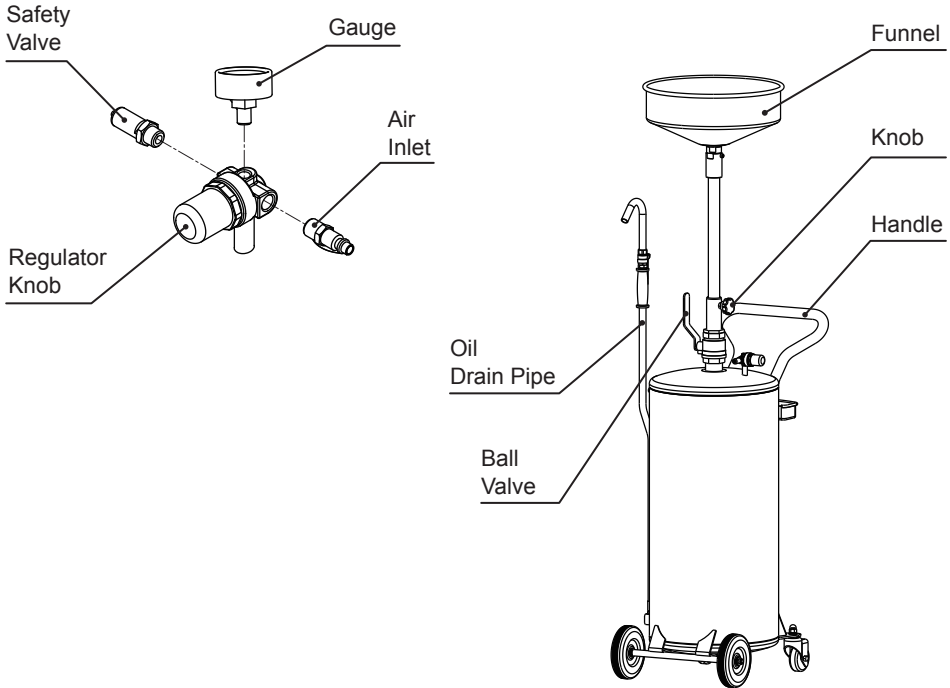
SPECIFIC SAFETY INSTRUCTIONS

1. Use as intended only. Do not use for any other liquid.
2. Vehicle must be safely supported by a proper vehicle lift before service.
3. Use on flat, hard, level surface only.
4. Do not use near open flame or heat sources. Do not smoke during use.
5. 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.
6. Do not use the Drain with the vehicle's engine running.
7. Keep bystanders away during use.
8. Avoid burns. Allow the engine oil to completely cool before draining the oil into the Drain.
9. Do not leave unattended when operating or evacuating oil.
10. Remove the Drain before lowering the vehicle.

SPECIFIC SAFETY INSTRUCTIONS

11. Recycle used oil according to regulations.
12. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency, even if a hose is ruptured.
13. Wear heavy-duty work gloves during use.
14. If used oil does not evacuate the Tank upon pressurization, close the Ball Valve fully with the handle in the horizontal position. If this does not correct the problem, remove the unit from service immediately and contact a qualified service technician for repair.
15. 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.

Components And Controls



INITIAL TOOL SET UP/ASSEMBLY

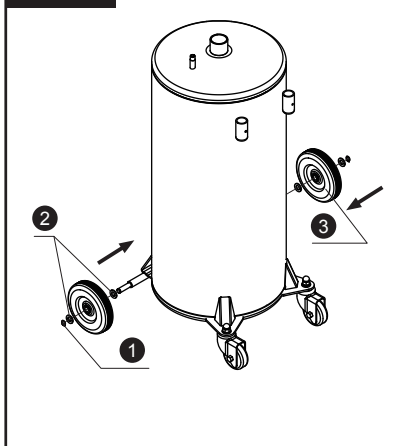
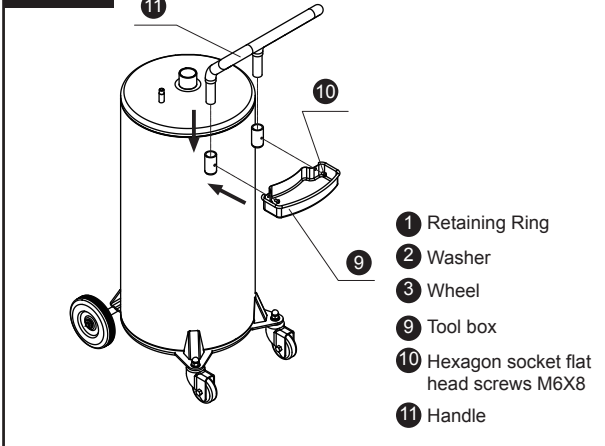
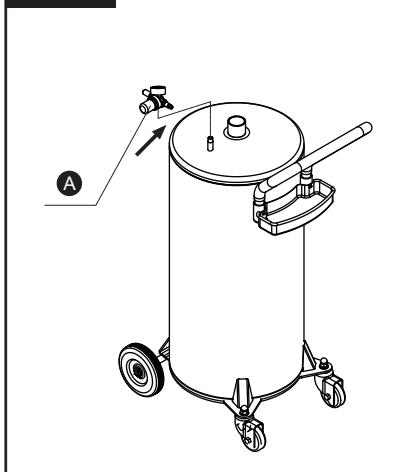
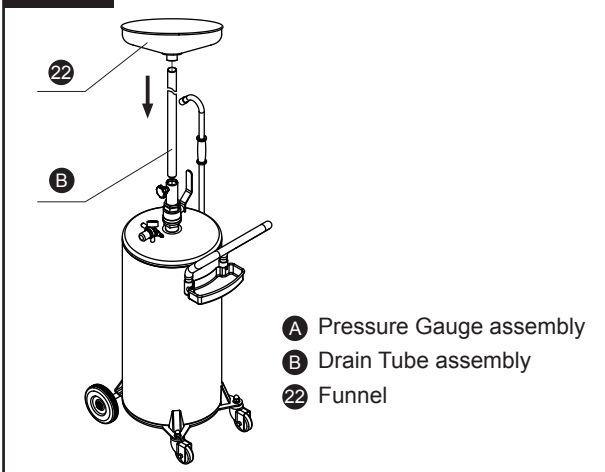


Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

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

Note: This air tool may be shipped with a protective plug covering the air inlet. Remove this plug before set up.

Assembly

<p>STEP 01</p> 	<p>STEP 02</p>  <ul style="list-style-type: none">① Retaining Ring② Washer③ Wheel⑨ Tool box⑩ Hexagon socket flat head screws M6X8⑪ Handle
<p>STEP 03</p> 	<p>STEP 04</p>  <ul style="list-style-type: none">Ⓐ Pressure Gauge assemblyⒷ Drain Tube assembly②② Funnel

OPERATING INSTRUCTIONS



READ THE ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein 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.

Workpiece and Work Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Route the air hose along a safe route to reach the work area without creating a tripping hazard or exposing the air hose to possible damage. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.
3. There must not be hazardous objects (such as utility lines or foreign objects) nearby that will present a hazard while working.

General Operating Instructions

Filling Tank With Oil

1. Open the Ball Valve by turning Valve's handle to a vertical position.
 2. Loosen Knob and lower Funnel to lowest position.
 3. Move the Drain under the raised vehicle, and position the Funnel directly below the oil drain plug.
 4. Raise the Funnel until the Funnel is approximately 4" below the oil drain plug. Then, tighten Knob to hold the Funnel in place.
 5. Remove oil drain plug to drain the oil.
- Note: Do not fill the Tank beyond its 20-gallon capacity. The hose is clear, so the oil in the tube will indicate the reservoir fill level. When oil level nears the top, drain the oil.
6. Before transporting the Oil Lift, open the Knob and lower the Drain Tube all the way. Then lock Drain Tube in place by turning the Lock Knob.
 7. Use the Handle when moving the Oil Lift from one location to another. Only transport Oil Lift along flat, hard, level surfaces.

pumping Oil From Tank

1. Raise Drain Tube to above Ball Valve. Rotate Ball Valve to horizontal position.
 2. Place Nozzle securely in a used oil collection receptacle.
 3. pull on the Safety Valve briefly before every use to make sure it operates smoothly. The Safety Valve helps to relieve pressure if the tank is over-pressurized.
 4. Connect the compressor's air supply hose to the Air Inlet. Turn on the air compressor, making sure it is set between 7-10 PSI.
- WARNING!** Do not leave Oil Lift unattended while it is evacuating oil.
5. Close Regulator by pulling out the knob and rotating counterclockwise. Pull Regulator's cap out and slowly turn it in a clockwise direction while observing the Pressure Gauge. DO NOT EXCEED 10 pSI.
 6. The oil will be pushed from the Tank out the Nozzle.
 7. Once oil is no longer being discharged from the Nozzle, turn off air compressor. Disconnect compressor air supply hose from the Air Inlet.

- Note:** Oil discharge rate will be affected by the ambient temperature and the viscosity of the oil.
8. Clean external surfaces of the tool with clean, dry cloth. Then store the tool indoors out of children's reach.

User-Maintenance Instructions



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

⚠️ WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Turn off the tool, detach the air supply, safely discharge any residual air pressure in the tool, and release the throttle and/or turn the switch to its off position before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise, vibration, or leaking air occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

Note: These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool.

1. Once a year after discharging contents of the Tank, remove the Drain plug to drain accumulated sludge. To reattach the Drain plug, wrap three turns of thread seal tape (not included) on the Drain plug thread and secure in place. Do not overtighten.
2. Keep the outside of the Tank free of oil or grease. Use only a mild soap and damp cloth when cleaning. Do not use flammable or combustible solvents.
3. Before and during each use, inspect the Hose for damage.
4. After use, store in a dry, secure area out of reach of children.

Troubleshooting

Problem	Possible Causes	Likely Solutions
Decreased output.	<ol style="list-style-type: none">1. Not enough air pressure and/or air flow.2. Blockage of hose.3. Accumulated sludge.	<ol style="list-style-type: none">1. Check for loose connections and make sure that air supply is providing enough air flow (CFM) at required pressure (PSI) to the tool's air inlet. Do not exceed maximum air pressure.2. Gently blow air from Nozzle into Tube.3. After draining the oil, remove Plug and drain out sludge.
Housing heats during use.	<ol style="list-style-type: none">1. Incorrect lubrication or not enough lubrication.2. Worn parts.	<ol style="list-style-type: none">1. Lubricate using air tool oil according to directions.2. Have qualified technician inspect internal mechanism and replace parts as needed.
Severe air leakage. (Slight air leakage is normal, especially on older tools.)	<ol style="list-style-type: none">1. Cross-threaded housing components.2. Loose housing.3. Damaged valve or housing.4. Dirty, worn or damaged valve.	<ol style="list-style-type: none">1. Check for incorrect alignment and uneven gaps. If cross-threaded, disassemble and replace damaged parts before use.2. Tighten housing assembly. If housing cannot tighten properly, internal parts may be misaligned.3. Replace damaged components.4. Clean or replace valve assembly.



Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect air supply before service.

PARTS LIST AND DIAGRAM

Part	Description	Qty
1	Retaining Ring	2
2	Washer	6
3	Wheel 6X1.5"	2
4	Drain Plug	1
5	Washer	1
6	Caster	2
7	Acorn Nut	2
8	Tank	1
9	Tool box	1
10	Hexagon socket flat head screws M6X8	2
11	Handle	1
12	Safety Valve	1
13	Regulator	1
14	Pressure Gauge	1
15	Tube Connector	1
16	Ball valve	1
17	Connector	1
18	Knob	1
19	Sleeve	1
20	Drain Tube	1
21	Oil drain pipe assembly	1
22	Funnel	1

