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.

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UNPACKING

After unpacking unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with carrier. Do not use Waste Oil Drain - Evacuator if broken, bent, cracked or damaged parts (including labels) are noted. Any Waste Oil Drain - Evacuator that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Fluid Dispensing System was subjected to a shock load (a load that was dropped suddenly, unexpectedly, etc.) immediately discontinue use until it has been checked by a factory authorized service center.

Explanation of Safety Signal Words

⚠ WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION : Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Notes : Provide clarity and helpful information.

⚠ WARNING

The following safety information is provided as guidelines to help you operate your Waste Oil Drain-Evacuator under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your service system. Failure to follow instructions listed below may result in serious injury. In addition, make certain that anyone that uses the equipment understands and follows these safety instructions as well.

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Thank you very much for choosing an OEMTOOLS Product!

For future reference, please complete the owner's record below:

Model: _____ **Purchase Date:** _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it. This machine is designed for certain applications only. OEMTOOLS cannot be responsible for issues arising from modification. We strongly recommend this machine is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted OEMTOOLS to determine if it can or should be performed on the product.

IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as, potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle a tool without strict adult supervision.
4. Do not operate this tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. Don't overreach. Keep proper footing and balance at all times when operating this tool.
8. Check for damage. Check your tool regularly. If part of the tool is damaged it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
9. Keep away from flammables. Do not attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store idle tools out of the reach of children and untrained persons. Tools may be dangerous in the hands of untrained users.

- Maintain tools with care.
- Keep tools dry and clean.
- Properly maintained tools are less likely to bind and are easier to control. Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
- Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
- If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.
- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
- When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
- Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. Do not use this product in a damp or wet location.
- Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEM for a replacement.
- Keep the handle dry, clean, and free from brake fluid, oil, and grease.
- Before use, read and understand all warnings, safety precautions, and instructions as outlined in the vehicle manufacturer's service manual. It is beyond the scope of this manual to properly describe the correct procedure and test data for each vehicle.

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- Always perform vehicle service in a properly ventilated area. Never run an engine without proper ventilation for its exhaust. Stop work and take necessary steps to improve ventilation in the work area if you develop momentary eye, nose, or throat irritation as this indicates inadequate ventilation.
- Engine parts that are in motion and unexpected movement of a vehicle can injure or kill. When working near moving engine parts, wear snug fit clothing and keep hands and fingers away from moving parts. Keep hoses and tools clear of moving parts. Always stay clear of moving engine parts. Hoses and tools can be thrown through the air if not kept clear of moving engine parts. The unexpected movement of a vehicle can injure or kill. When working on vehicles always set the parking brake or block the wheels.
- Be alert for hot engine parts to avoid accidental burns.
- If you drove your car recently, fluids could be very hot. Allow at least 2 hours before you handle any fluids. Oil and Coolant burns are very dangerous.
- Avoid accidental fire and/or explosion. Do not smoke near engine fuel and battery components.
- Never remove the cap from the radiator or expansion tank while the engine is at operating temperature.
- Always allow the engine to cool before removing the radiator cap or expansion tank cap. The cooling system is under pressure. Failure to allow the engine to cool before attempting to remove the cap could result in serious injuries.
- Does not misuse, over-pressurize, modify parts, or use worn and/or damaged parts.
- Do not use oil drain for flammable or caustic fluids.
- Do not exceed 7 psi (0,5 bar) air pressure when emptying the oil drain.
- The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
- For safety purposes and the prevention of damage to expensive components it is advised that the user have an understanding of basic automotive repair and a working knowledge of automotive systems.
- We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at his own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part. Always refer to specific instructions and technical information supplied by vehicle manufacturer.
- The manufacturer declines any and all responsibility for damage to vehicles or components if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.
- Used oil, antifreeze, brake fluid and transmission fluid contains chemical compounds that can be harmful to humans and other animals. When managed properly, used oil may again be of beneficial use. Used oil may be blended and recycled as a heating or industrial fuel and also may be re-refined and made into new lubricants. Persons who perform maintenance on their own vehicles are responsible for managing the used fluids in a manner that is protective of human health and the environment and to follow all local laws and regulations concerning their disposal.

DISPOSAL

At the end of the useful life of the Waste Oil Drain - Evacuator, dispose of the components according to all state, federal, and local regulations

PURPOSE

The 24862 Waste Oil Drain - Evacuator is designed for the collection of used fluids including motor oil, transmission fluid, and coolant from under lift-mounted vehicles, or by evacuation directly from fluid reservoirs or through dipstick tubes. The portable oil drain system is designed to safely capture oil and other vehicle fluids with the use of a large funnel or vacuum. After use, the drain is emptied using air pressure. An external air supply is required.

PRODUCT SPECIFICATIONS

Reservoir Capacity	80L (21 Gallons)
Discharge Hose Length	82”
Oil Drain Funnel Diameter	15”
Oil Drain Extension Diameter	22”
Funnel Height Adjustment	45”-62”
Caster	3-1/2” 2, Swivel-2, Swivel with Lock
Max Air Pressure	7 psi

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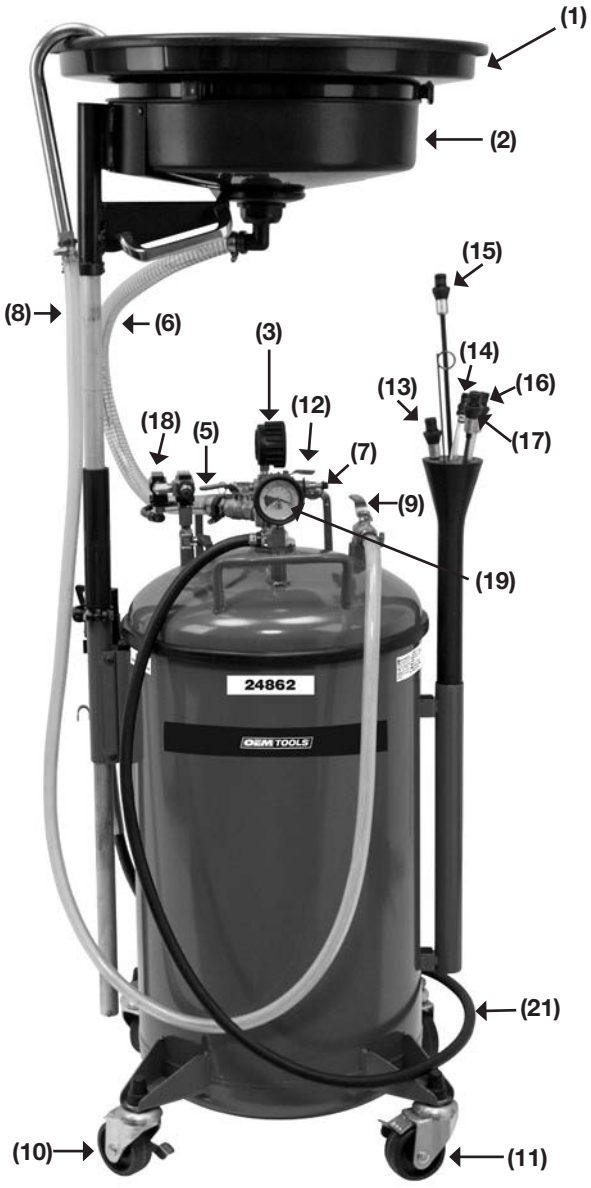
Figure	Description	Quantity
24862-1	Oil Drain Extension	1
24862-2	Oil Drain Funnel	1
24862-3	Pressure Gauge	1
24862-4	Safety Valve (Not Shown)	1
24862-5	Release Valve	1
24862-6	Central Drain Tube	1
24862-7	Air Fitting	1
24862-8	Waste Oil Discharge Hose	1
24862-9	Waste Oil Discharge Valve	1
24862-10	Caster (with brake)	2
24862-11	Caster (no brake)	2
24862-12	Pressure Valve	1
24862-13	Extraction Tube – 3/8” x 400mm	1
24862-14	Extraction Tube – 6mm x 760mm	1
24862-15	Extraction Tube – 7mm x 900mm	1
24862-16	Extraction Tube – 6mm x 600mm	1
24862-17	Extraction Tube Holder	1
24862-18	Venturi System	1
24862-19	Vacuum Gauge	1
24862-20	Oil Suction Valve (Not Shown)	1
24862-21	Oil Suction Hose	1

NOTE

Not all components of the Waste Oil Drain - Evacuator are replacement items, but are illustrated as a convenient reference for location and position in the assembly sequence.



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⚠ WARNING

Always wear safety glasses and gloves!

OPERATING INSTRUCTIONS

- This equipment is intended only for professional use by personnel trained in performing the service functions for which it is has been designed
- This equipment is designed for servicing a variety of vehicles in a safe, convenient manner. However, differences in vehicle makes and models may make it impossible to use this equipment as it is intended. Do not attempt to force the use of this equipment on an application for which it is not designed to perform.
- The procedures documented in this manual are to serve as guidelines for the use of this equipment.
- In addition to these guidelines, always follow the manufacturer's recommended procedures when servicing each unique vehicle.
- The use of this equipment is simple and straightforward if you follow the instructions. However, always keep in mind that you are working with a system that may be under pressure, with fluid that is just waiting to be expelled. When operating this equipment, use common sense, and always stop to think before disconnecting a hose or other component.
- Always use the Waste Oil Drain - Evacuator on a flat, level surface and lock casters before using.

⚠ WARNING

DO NOT USE THIS EQUIPMENT WITH GASOLINE OR OTHER FLAMMABLE LIQUIDS OR WITH FLUIDS AT TEMPERATURES ABOVE 175° FAHRENHEIT (80° CELSIUS)
KEEP AWAY FROM OPEN FLAMES OR EXCESSIVE HEAT

COLLECTING WASTE OIL USING THE FUNNEL

1. Position the Waste Oil Drain - Evacuator under the vehicle and adjust the bowl to the desired height and set the brakes on the casters
2. Check the sight glass to ensure there is sufficient remaining capacity. Never allow fluid to exceed the maximum level. The reservoir will not drain if the fluid exceeds the maximum level on the sight glass.

COLLECTING WASTE OIL USING THE EXTRACTION TUBE

1. Make sure air valve on the side of air regulator is closed.
2. Choose a suitable Extraction Tube from the selection provided with the unit. Insert the Extraction Tube to the bottom of oil pan. Do not kink the tube.
3. Connect Extraction Tube to the Oil Suction Hose
4. Connect shop air supply to the air connection and check if the pressure is in safety range.

NOTE

The working pressure must be between 75-120psi

5. Open the air valve to create a vacuum and start oil extraction.

NOTE

Verify fluid level gauge does not show tank is full and has enough remaining capacity.

6. For best results, crankcase oil needs to be at least 150°F, not to exceed 175°F.
7. Close air valve once crankcase or reservoir is empty.

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DRAINING THE RESEVOIR

1. Set the caster brakes. Close the release valve (5) on the side of the Drain Tube.

⚠ WARNING

NOTE

If valve is not closed, waste oil will shoot out of the funnel and spray the user.

2. Secure the discharge hose to the bulk waste oil tank and open the discharge hose valve.
3. Set the air supply to a maximum of 7 psi (0,5 bar).

⚠ WARNING

Do not exceed 7 psi (0,5 bar). Failure to comply may result in serious personal injury

4. Connect air supply to valve stem using air chuck tire inflator.
5. Remove air chuck from valve stem when desired flow rate is achieved or if safety relief valve opens.

NOTE

If flow rate stops before drain is empty, repeat steps 3, 4, and 5.

MAINTENANCE

1. Relieve pressure or vacuum before inspecting or servicing
2. Always store the Waste Oil Drain - Evacuator in a well-protected area where it will not be exposed to inclement weather, corrosive vapors, abrasive dust, or any other harmful elements.
3. Keep the Waste Oil Drain - Evacuator clean for better and safer performance.
4. Inspect Reservoir, Hoses, Caps, Gaskets, Seals, and Gauge periodically, and if damaged, replace them.