



## 25-Gallon Self-Evacuating Oil Drain

Model: JDI-25HDC  
Operator's Manual

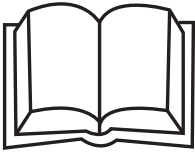


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## Safety & Warning Instructions



### READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS EQUIPMENT

It is responsibility of the employer to place this information in the hands of the operator.  
Keep for future reference.

- Wear proper safety equipment and clothing, safety glasses/goggles.
- Hot automotive fluids can burn and injure eyes and body.
- Opening a hot system can cause these fluids to be forcibly sprayed in all directions.
- Use care to position the oil drain under the anticipated fluid stream and adjust as necessary until all fluids are collected.
- Be aware of natural wind, fans or other factors that may alter the fluid stream that may cause injury or contamination of the surroundings.
- Use motor oil is flammable. Keep away from flames, sparks, and other sources of ignition.
- **DO NOT** exceed 10 PSI (0.7 bar) supply pressure

## U.S. Environmental Regulations

- Certain automotive fluids are considered to be compatible for recycling used oil per the US Environmental Agency (EPA). Other types of fluids may not be mixed with used motor oil and must be handled separately. See definitions below:

### Used Oil is:

- Synthetic Oil
- Engine Oil
- Transmission Oil
- Brake Fluid
- Hydraulic Oils Cutting / Metal-working Oils

### NOT Used Oil:

- Antifreeze
- Gasoline
- Kerosene
- Petroleum distillates and Solvents
- Vegetable or Animal Oil

- Tank should be in good condition with no visible leaks. Repair leaks and clean up spills and properly dispose of waste material.
- Close all valves when the oil drain is not being filled or emptied.

## Product Specifications:

Tank Type	Steel, portable	Drain Pipe Fitting	3/4 inch NPT
Tank Capacity	25 gallons, (95 liters)	Height	47 to 70 inch (119 to 178 cm)
Funnel Type	Steel, reinforced center mount	Weight (Empty)	55 lbs. (25 kg) w/out hose
Funnel Inside Diameter	16 inch (406 mm)	Weight (Full)	240 lbs. (109 kg)

## Assembly Instructions

### Tools Required:

3mm hex key

3/4 in. (19 mm) thin open end wrench  
(included)

3/4 in (19 mm) wrench or socket

1/4 quick connector for shop air connections (not included)

1. Install 4 casters, washers, lock washers. Hold the caster stem with the special thin wrench as shown (**See Fig. 1**). Tighten the nuts until split lock washer is fully flat.
2. Thread down tube collar onto the top of the tank. Continue turning until collar bottoms out snug on tank fitting. Tighten set screw to secure collar to tank. (**See Fig. 2**)
3. Thread funnel into the top adapter of the down tube. Tighten securely by hand, and then tighten the set screw to secure. (**See Fig. 3**)
4. Thread the quick connect fitting onto discharge pipe on top of the tank and tighten. (**See Fig. 4**)
5. Attached a 1/4" NPT quick connector (not included) to the air control valve to the drain to connect with the shop air system.



Fig. 1



Fig. 2

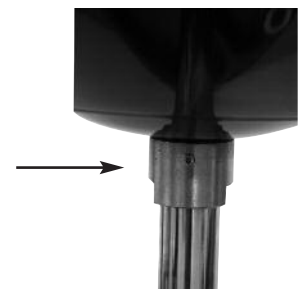


Fig. 3

## Use Instructions

1. Raising and Lowering the Funnel. Loosen the height adjustment knob and raise funnel to desired height. Tighten to secure position.
2. Prior to filling drain, verify that sufficient capacity remains in the drain. The drain should be emptied when the fill level is at the top of the site tube. **DO NOT OVERFILL.**
3. Emptying Used Oil from Drain
  - a. The drain is designed to be evacuated using compressed air.
  - b. Connect one end of the discharge hose to the quick connect coupler located on top of the oil drain and the other to the used oil storage tank. Secure the discharge hose to the used storage tank.
  - c. Verify the air control valve is closed and the discharge valve is closed before attaching compressed air supply line. Maximum supply pressure is 10 PSI
  - d. Open the 3/4" ball valve under the discharge quick connect fitting, then slowly open the air supply valve to pressurize the tank and start evacuation process. The auto-check valve will automatically seal the funnel down tube during evacuation.
4. When drain is empty, close the air control valve and disconnect the air supply hose. Disconnect hose. Close ball valve on top of the tank drain.



Fig. 4

## Maintenance & Storage

1. Periodically check fittings for visible leaks. Service as necessary.
2. Lower the funnel and close ball valve on down-tube when not in use.

## Replacement Parts:

Item	Description	Qty	Part No.
1	Funnel, center mount with screen	1	20DCE-1A
2	Down tube assembly (tube, collar, knob, and ball valve)	1	DTA-25-B
3	Adjustment knob	1	20DCE-6
4	4-inch caster	4	20DCE-3
5	Replacement site tube and fittings	1	S-KIT
6	Tool Tray	1	25HDC-2
7	Evacuation hose	1	25HDC-1
8	NPT Female quick connector	1	QCF-3/4
9	NPT Male quick connector	1	QCF-3/4

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