



25-GALLON LOW-PROFILE PORTABLE OIL DRAIN with ELECTRIC EVACUATION PUMP USER'S MANUAL

Part No. JDI-LP5

FOR WARRANTY INFORMATION, PLEASE CALL 800-433-0708

DATE OF PURCHASE: _____

READ AND SAVE THIS MANUAL

FOR SERVICE ASSISTANCE, CALL 800-433-0708 OR VISIT JOHNDOW.COM



Important Safety Information

Read user's manual and this safety information before using this drain.

DANGER

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

- Motor oil is combustible. Keep away from heat, sparks and open flames.
- Do not use this product with flammable liquids.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

- Personnel should always wear proper protection equipment and clothing
- Ensure all fittings and connections are properly tightened.
- Use care when rolling the drain when full of to prevent splashing or spillage.

NOTICE

Indicates information considered important, but not hazard-related

- Monitor fluid level when filling the drain to prevent overflow or spillage.
- Periodically inspect the screen for debris that may prevent the flow of oil.
- Always connect the evacuation hose before running pump.
- Monitor the discharge hose when evacuating the drain to prevent overflow or spillage.

U.S. ENVIRONMENTAL REGULATIONS

Certain automotive fluids are considered to be compatible for recycling used oil per the US Environmental Agency (EPA). Do not mix other types of fluid with used motor oil. You must handle other types of fluid separately. See definitions below:

Used Oil Includes:

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

Used Oil Does Not Include:

- Antifreeze
- Gasoline
- Kerosene
- Petroleum Distillates and Solvents
- Vegetable or Animal Oils

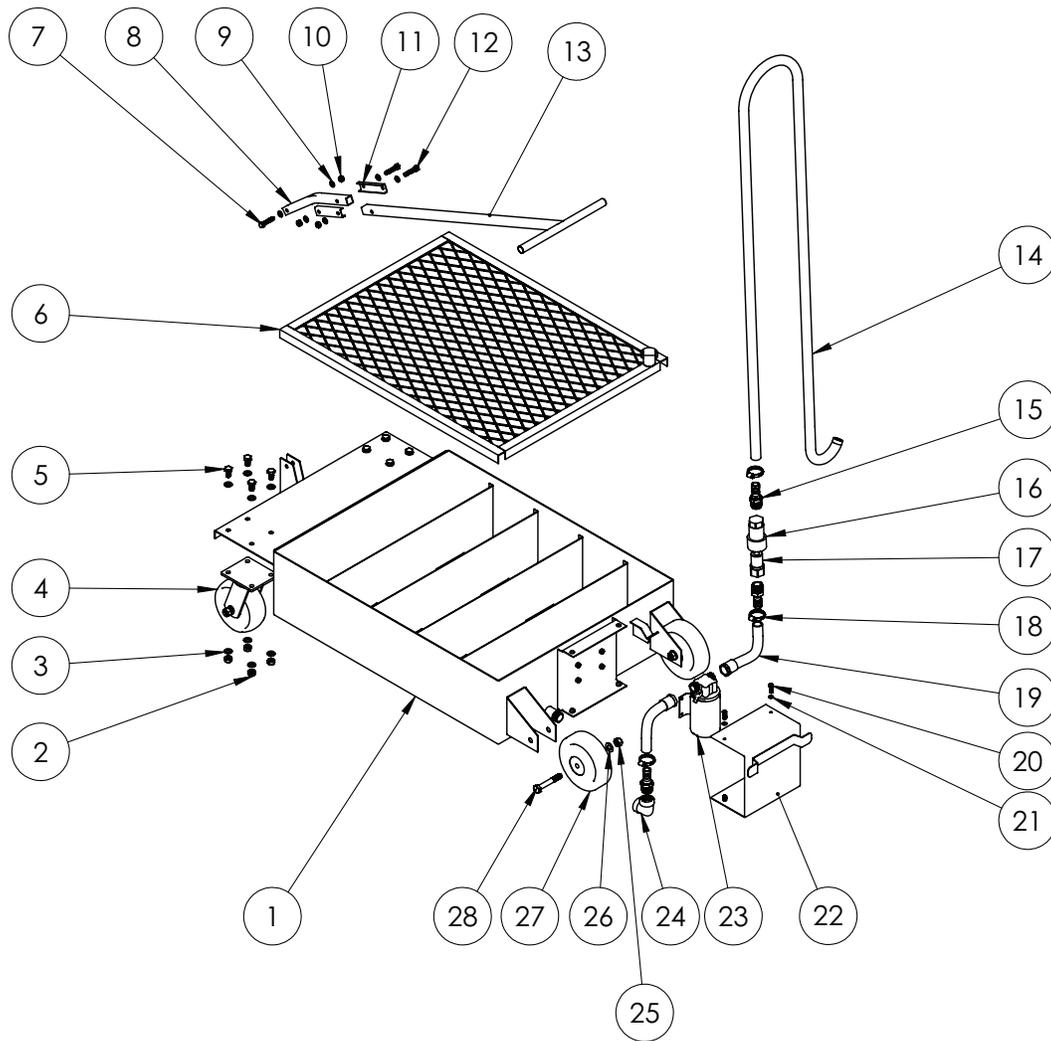
PRODUCT SPECS:

Model No.: JDI-LP5
Max. Tank Capacity: 26.6 Gallons (100 L)
Functional Capacity: 22.9 gal. (86.75 L)
Electrical: 115 V/50-60 Hz
Max Flow Rate: 5 gpm (18.9 L/min)

GETTING STARTED

Before assembly, ensure you have all parts according to the contents. If any parts are missing or damaged, contact JohnDow Industries for replacement.

CONTENTS



Item No.	Description	Qty
1	Low-Profile Welded Assembly	1
2	M10 Hex Nut	8
3	M10 Flat Washer	16
4	6" Caster	2
5	M10x20 Hex Head Cap Screw	8
6	Screen Assembly	1
7	M8x50 Hex Head Cap Screw	1
8	Handle - Lower	1
9	M8 Flat Washer	6
10	M8 Hex Nut	3

Item No.	Description	Qty
11	Handle - Middle	2
12	M8x40 Hex Head Cap Screw	2
13	Handle - Upper	1
14	3/4"x8 Hose w/J-Hook x Open	1
15	3/4" NPT x 3/4" Barb Fitting	3
16	3/4" Female Quick Connect	1
17	3/4" Male Quick Connect	1
18	1" Hose Clamp	3
19	19mm ID x 18cm Hose w/ 3/4" GHT x Open	2

Item No.	Description	Qty
20	M6x10 Hex Head Cap Screw	8
21	M6 Flat Washer	8
22	Pump Cover	1
23	110V Electric Pump w/Switch	1
24	3/4" Pipe Elbow	1
25	M12 Hex Nut	2
26	M12 Flat Washer	2
27	6" Wheel	2
28	M12x80 Hex Head Cap Screw	2

REPLACEMENT PARTS

Part No.	Description
LP4-FW	6" Casters
LP5-18	Handle Assembly
AC-10606-15-Z	110V Pump w/Switch

Part No.	Description
LP4-RW	6" Wheels
	Hose Kit

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TOOLS & SUPPLIES NEEDED [Not included]

PTFE tape	10 mm open wrench	13mm wrenches
1-1/16" open end wrench	Pipe wrench	5/16" hex drive
17mm wrench	19mm wrenches	

ASSEMBLY INSTRUCTIONS

1. Assemble M12 flat washer [27], M12 nut [26], and M12 x 80 hex head screw [29] and wheels [28] to welded tank assembly [1] using 19mm wrenches (Figure 1).
2. Assemble four M10 x 20 hex head screws [5], four M10 nuts [2], and eight M10 flat washers [3] per caster [4] using 17mm wrenches (Figure 2).
3. Mount the pump [24] and install four M6 flat washers [22] and M6 x 10 hex head cap screws [21] with 10mm wrench (Figure 3).
4. Wrap 3/4" NPT threads on drain with PTFE tape and assemble 3/4" NPT elbow [25]. Tighten using pipe wrench and position facing upward (Figure 4).
5. Wrap 3/4" barb fitting [16] threads with PTFE tape and assemble into elbow. Tighten with 1-1/16" wrench.
6. Assemble 18cm hoses [20] into each port of pump, tighten with 1-1/16" wrench.
7. Use hose clamp [19] to attach hose onto barb fitting, tighten with 5/16" hex drive.
8. Wrap 3/4" barb fitting threads with PTFE tape and assemble into other 18cm hose with another hose clamp, tighten with 5/16" hex drive.
9. Assemble male quick-connect [18] onto barb. Tighten with 1-1/16" wrench. (Figure 5)
10. Wrap last 3/4" barb fitting threads with PTFE tape and assemble into 3/4" J-hook hose [15] with hose clamp, tighten with 5/16" hex drive.
11. Assemble barb into female quick-connect [17]. Tighten with 1-1/16" wrench. Set aside.
12. Install the pump cover [23] and install four M6 flat washers and M6 hex head cap screws with 10mm wrench (Figure 6).
13. Wrap the electrical cord of pump on the cleat of the pump cover.
14. Place the screen [6] onto the drain.
15. Assemble four-piece handle assembly [9, 12, 14] with four M8 washers [10], two nuts [11], and two 40mm hex head screws [13] using 13mm socket and wrench.
16. Assemble handle assembly onto drain with two M8 washers [10], nuts [11], and 50mm hex head screws [8] using 13mm wrenches.



Figure 1



Figure 2



Figure 3

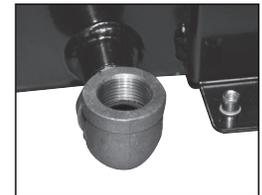


Figure 4



Figure 5



Figure 6

OPERATION

To Fill:

1. Roll the drain under the vehicle and drain the fluid into the drain.

To Empty:

1. Position the drain next to the used oil storage receptacle.
2. Attach the 8' evacuation hose to the pump outlet side quick connect coupler. Make sure connection is secure.
3. Place the other end of the evacuation hose securely into the used oil receptacle.
4. Plug the electric pump into a 120V outlet. Turn pump switch on. The pump will self prime.
5. Monitor the level in the drain . Turn off the pump switch as soon as the drain is empty.
6. Unplug the pump and re-wrap cord around storage cleat. Disconnect evacuation hose.