

PUMP KIT FOR JDI-17PLP LOW-PROFILE OIL DRAIN USER'S MANUAL

Part No. JDI-17PK

READ AND SAVE THIS MANUAL

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



General Information

Read this manual before using this product.

DANGER

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

- Do not overfill - maximum capacity is 17 gallons.
 - Do not use for flammable liquids.
 - Personnel should wear proper personal protection equipment and clothing.
 - Keep the drain port clear of grease and dirt.
 - Monitor the fluid level when filling the drain to prevent overflow or spillage.
 - Use care when rolling the oil drain when full to prevent splashing or spillage.
 - When transporting the drain, keep the electric cord wrapped on the cord bracket.
- Do not use pump if cord is damaged in any way.
- Periodically inspect the screen for debris preventing the flow of oil.
 - **Do not run pump dry. Electric pump is not self-lubricating.**

GETTING STARTED

Before assembly, ensure you have all parts according to the components list below. If any parts are missing or damaged, contact us for replacement.

COMPONENTS

Item No.	Description	Qty.	Part No.
1	115V Pump	1	AC-106-10
2	1/4"-20 Hex Nut	4	1076-B
3	1/4"-20 x 3/4" Hex Bolt	4	1002-B
4	1/2" ID Hose x 8"	1	ATD02282
5	3/8" NPT x 1/2" Hose Barb Fitting	1	102-0806
6	1/2" Hose Clamp	1	62606
7	1" ID x 9" Hose with 3/4" GHT-F Fitting	1	1141107
8	3/4" GHT x 3/4" NPT Fitting	1	H-15-A
9	3/4" NPT x 3/4" Hose Barb Nylon 90° Elbow	1	L12-12BN
10	19mm ID x 28cm Hose with 3/4" NPT Fitting	1	1141108
11	1" Hose Clamp	2	HC2-10P
12	3/4" Ball Valve	1	BV-12
13	3/4" NPT x 3/4" Hose Barb Fitting	1	97001-1212
14	3/4" ID x 8' with J-Hook	1	1141101

TOOLS & SUPPLIES NEEDED

Adjustable Wrenches

Flat Head Screwdriver

7/16" Wrenches

ASSEMBLY INSTRUCTIONS

1. Remove screen from JDI-17PLP. Flip drain over.
2. Remove and discard the hose and ball valve from bottom port of drain. Keep hose clamp.
3. Mount electric pump [1] to bracket, making sure inlet port is facing drain port, using the 1/4" hex nuts [2] and 1/4" bolts [3] with 7/16" wrench (Figure 1).
4. Check size of drain port:
 - a. If drain port is 1/2": Attach 1/2" ID x 8" drain hose [4] to port. Slip 1/2" hose clamp [6] and hose clamp from step 2 over hose. Attach 3/8" hose barb fitting [5] to pump inlet port, tightening with adjustable wrench. Tighten hose clamps on each end of hose with flat head screwdriver.
 - b. If drain port is 1": Attach 1" ID x 9" hose [7] fitting to pump inlet port, tighten with adjustable wrench (Figure 2). Place hose clamp from step 2 onto hose. Insert the hose over the drain port. Tighten clamp with flat head screwdriver.
5. Attach 3/4" GHT x 3/4" NPT fitting [8] to pump outlet port. Tighten with adjustable wrench.
6. Attach 90° barb fitting [9], turn until barb is tight and pointing left (Figure 3).
7. Attach 19mm ID x 28cm hose [10] to barb using a 1" hose clamp [11] and flat head screwdriver.
8. Flip drain back over and replace screen onto drain. Wrap pump cord around cord wrap bracket (Figure 4).
9. Attach 3/4" ball valve [12] to hose fitting. Tighten with adjustable wrenches.
10. Assemble 3/4" NPT x 3/4" hose barb fitting [13] onto drain hose with J-Hook [14] using 1" hose clamp [11], tighten with flat head screwdriver.

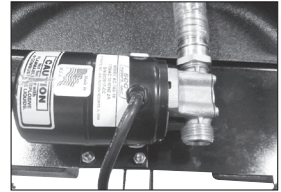


Figure 1

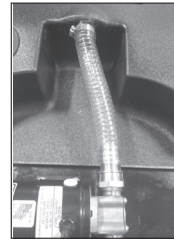


Figure 2

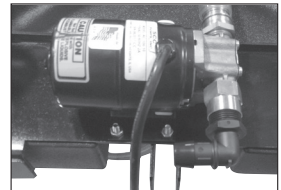


Figure 3

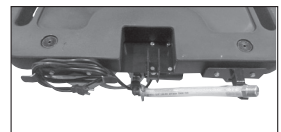


Figure 4

OPERATION

TO FILL:

1. Position the drain under the vehicle being serviced and drain fluid into the drain.

TO EMPTY:

1. Position the drain by the used fluid container.
2. Hook the drain hose into a container port.
3. Plug the electric motor into a 110V outlet to start.
4. When empty, unplug the pump. Do not run the pump while the drain is empty; the electric pump is not self-lubricating.