

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.

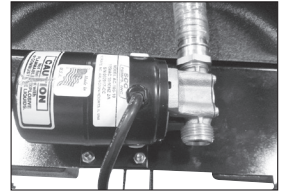


Figure 1

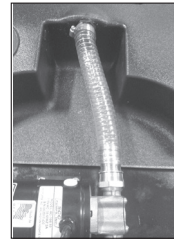


Figure 2

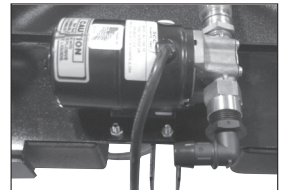


Figure 3

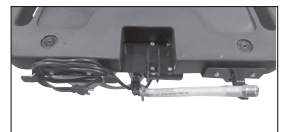


Figure 4

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.