

TWO-WAY FUEL FILTER USER'S MANUAL

Part No. JDI-30GC-FFS

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 Product Information

Read this manual and safety information before using this product

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

- Gasoline and other fuels are extremely flammable. Keep away from heat sparks and open flames as an explosion will result in severe personal injury.
- Gasoline vapors can explode. Harmful or fatal if swallowed. Avoid breathing fuel vapors.
- Attach ground wire and bond containers or equipment that are being pumped from and into neutralize the potential charge between them.
- Ground all containers for extra safety by connecting the containers to a metal pipe or rod that is buried underground.
- This product is an atmospheric tank. Do not modify this tank or its components. All components and design features have been tested and approved for use for handling flammable fuels.
- Do not use funnels when transferring fuel through the fill tubes.
- Avoid excess agitation, shaking, splashing or high-flow rates as these can increase the risks of static charge build up.
- Do not use electronics or mobile communication devices such as mobile phones while dispensing or handling fuel.
- Do not smoke near or while using this fuel caddy.
- This product is intended for fuel transfer only and is not to be used to transport fuel in any vehicle or trailer.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

- Obtain Material Safety Data Sheets on fuels being handled. Always wear required proper personal protection equipment and clothing.
- Do not tip or operate on incline surfaces.
- Keep both hands on the handles when maneuvering to maintain control.
- When using this product precautions should always be followed, including the following:
 - Read all instructions before using this product.
 - To reduce the risk of injury, close supervision is necessary.
 - Keep out of reach of children.
 - Do not put fingers or hands into openings or into the pump.
- Ensure that all fittings and threaded hose and pipe connections are tightened and leak free.

CAUTION

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

- Be certain all operators of the equipment have been trained for safe working practices and understand its limitations.
- Use Caddy for “one type of fuel ONLY” to avoid possible damage to vehicle.
- Use care when maneuvering to prevent injury or loss of control. Seek assistance to avoid strain or injury when required.
- Not for prolonged storage of fuel.
- Monitor flow rate and fill levels to prevent overflows and spills. Do not overfill containers, drums, or tanks.
- Always empty the pump and hose after use by lifting the hose and turning the handle in the opposite direction of the arrow to empty all remaining liquids back into the caddy.

GETTING STARTED

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

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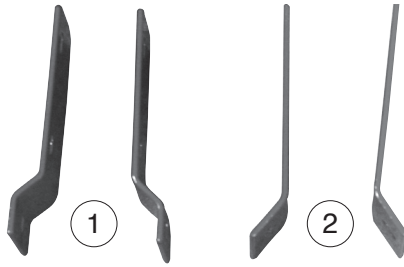


Figure 1a

Item No.	Description	Qty.
1	Brackets for 30 Gallon	2
2	Brackets for 25 Gallon (attached)	2

REPLACEMENT FILTERS

Part No.	Description	Filter Type
10M-FF	Unleaded Gasoline	10 Micron
30M-FF	Diesel/Kerosene	30 Micron
1M-FF	E85 Ethanol	1 Micron

TOOLS & SUPPLIES NEEDED [Not included]

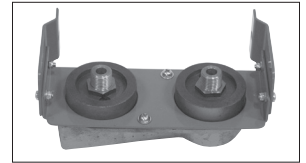
1-1/16" Open End Wrench
PTFE Tape

1-1/4" Open End Wrench
10mm Hex Wrench

Phillips Screwdriver
5mm Hex Wrench

PREPARATION

This kit is designed to fit JohnDow's 30- and 25-gallon steel fuel caddies. Remove the 25-gallon gas caddy side brackets and replace with the 30-gallon fuel caddy brackets if attaching to the 30-gallon fuel caddy, (Figure 1).



ASSEMBLY

1. Wrap all 3/4" NPT hose fittings with PTFE tape.
2. Remove handle shoulder bolt using 10mm and 5mm hex wrenches.
3. Mount filter support bracket assembly. It may be necessary to loosen bracket bolts before assembly. Tighten shoulder bolt and nut, (Figure 1).
4. Assemble 3/4" NPT 90° swivel fitting onto pump and tighten using 1-1/16" wrench, (Figure 2).
5. Connect pump hose onto filter support casting and tighten using 1-1/16" wrench, (Figure 3).
6. Connect other end to 90° swivel fitting. Tighten using 1-1/16" and 1-1/4" wrenches, (Figure 4).
7. Connect discharge hose to other side of filter support casting and tighten with 1-1/16" wrench, (Figure 5).
8. Lube rubber seal with oil and install onto filter support. Hand tighten.



Figure 1

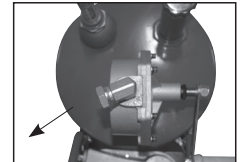


Figure 2



Figure 3

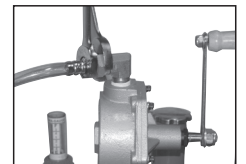


Figure 4



Figure 5

OPERATION

1. Attach the green ground wire clamp to a known ground on the vehicle being serviced.
2. Place the suction/drain hose into the desired vehicle tank.
3. Rotate the pump handle briskly to obtain initial prime.
4. Rotate the handle clockwise (as shown by the arrow on the pump) to draw from the fuel caddy, rotate counter-clockwise for suction. Filter will automatically filter in both directions, (Figure 2).
5. Alternatively, you can fill the fuel caddy by opening the Filler/Vent Assembly. Do not overfill. Fuel level must be below the flame arrestor screen under the Filler/Vent Assembly.

NOTE: Coat the O-ring seal with oil or grease before assembly. Hand tighten by turning approximately 1/2 turn after rubber seal contacts the filter support. Do not over-tighten.

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