



10-GALLON (DEF) DIESEL EXHAUST FLUID TANK USER'S MANUAL

For Use With JDI-AFT106

Part No. JDI-DEF10

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 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.

Any dangerous material other than UN 1202 DIESEL is prohibited.

These prohibited materials include:

- Gasoline (UN 1203)
- Aviation Fuel (UN 1863)
- Kerosene (UN 1223)
- Methanol (UN 1230)
- Solvents and generic flammable liquids
- Corrosive substances

The features and materials used for construction of the tank and the 12V transfer pump make the storage and transportation of the following substances prohibited:

- Liquids with viscosity > 20 cSt
- Water
- Food liquids



WARNING

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

Diesel vapors may ignite around 131°F (55°C) in the presence of any spark or other trigger. It is important to follow the following precautions:

- Do not use the tank in areas where explosive fumes can accumulate.
- Always use in a well ventilated area.
- Do not smoke or use flames or sparks near the tank.
- Keep the tank at least 3 feet from the battery.
- Thoroughly clean up any leaks or spills.



CAUTION

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

- Firmly anchor the tank to the bed of the vehicle by means of belts or straps to prevent the tank from shifting or sliding during transport or use.
- The shut-off valve **MUST** be kept closed during transportation.
- Do not overfill the tank. Leave a minimum 5% empty space to allow the expansion of the fuel if the tank is exposed to high temperatures.
- To avoid damage to the 12V transfer pump, only use within the following timelines:
 - Maximum of 30 minutes of continuous use in normal conditions
 - Maximum of 2 minutes in bypass mode
- Regulations for the transportation of diesel fuel vary by state. It is the vehicle operator's responsibility to comply with all federal, state and local regulations.
- Use of this tank with any fuel other than diesel will VOID the warranty.

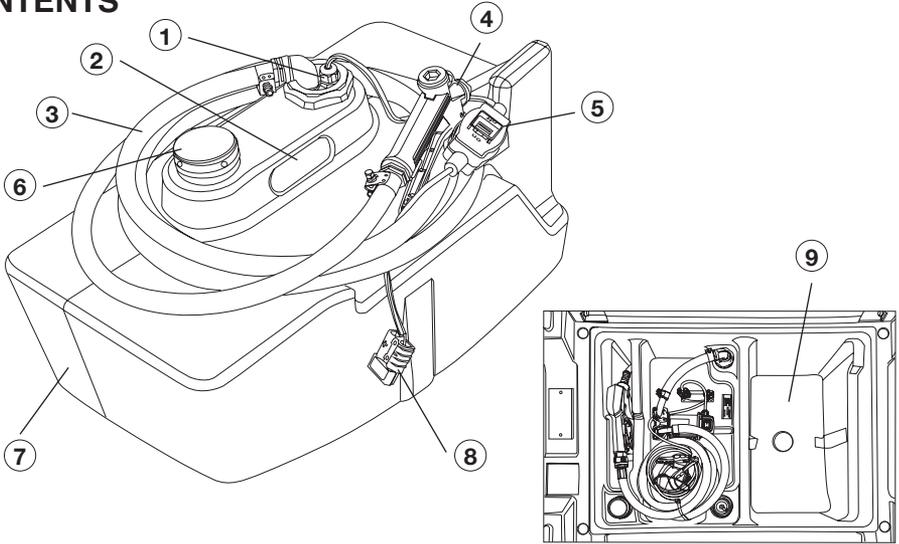
CAPACITY AND DIMENSIONS

Model No.:	JDI-DEF10	Width:	13"
Capacity (Gallons):	10	Length:	23"
Weight (Empty):	12.8 lbs.	Height:	16"

GETTING STARTED

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

CONTENTS



Part No.	Description
1	Swivel Connector for Submerged Pump
2	Submersible DEF Pump
3	Delivery Hose
4	Manual Delivery Nozzle for DEF

Part No.	Description
5	Cable for DEF (12V) Power Supply with I/O Switch
6	Plastic Filler Cap with Vent
7	DEF Poly Tank (10 Gal/50L)
8	Electrical Buse
9	Diesel Cylinder Space

OPERATION

Filling the Auxiliary Tank with Diesel Exhaust Fuel (DEF)

1. Before filling make sure the tank has no defects in the structure or equipment.
2. Fill the tank slowly to prevent splashing fluid.
3. When filling this tank, do not fill beyond 95% of capacity (approximately 9.5 gallons) to allow for expansion and to alleviate spills or vapors emitting into the atmosphere.

Securing and Transporting Filled Auxiliary Tank

1. The DEF Tank must be fully recessed into the JDI-AFT106 Diesel Tank before transporting to avoid movement.
2. Make sure the lowest cylinder bottom fits into the diesel cylinder space.
3. DO NOT place the tank inside a trunk or passenger compartment.

DEF TRANSFER

To Begin the Transfer Process

Before transferring, read and follow all safety instructions on page 2 of this user's manual.

1. Make sure the switch on the transfer pump is in the OFF ("O") position [7].
2. Connect the power cables with I/O switch to electrical connector located on JDI-AFT106 [5 & 8].
3. Unroll the transfer hose and insert the nozzle into the destination tank with nozzle blocked in the OPEN position [4].
4. Start the transfer pump by placing the switch in the ON ("I") position.
5. Proceed with the transfer for a maximum of 30 minutes from the time the pump was turned ON. DO NOT run pump when not transferring for more than two minutes.
6. Fill the DEF Tank to desired level.

When Transfer is Complete

1. Stop the transfer pump by placing the switch in the OFF ("O") position.
2. Relieve all residual pressure in the hose by dispensing more liquid holding the nozzle handle OPEN for a few seconds.
3. Roll-up the transfer hose and place the hose and nozzle in their proper positions.
4. Disconnect the power cables from the battery terminals and store in the proper position.
5. Thoroughly clean-up leaks or spills.