

Transfer Flow, Inc.
1444 Fortress Street
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Phone: (530) 893-5209
Sales/Tech: 1-800-442-0056
Fax: (530) 893-0204
Website: www.transferflow.com



Aftermarket & OEM Fuel Tanks
Toolbox & Fuel Tank Combos
In-bed Fuel Tanks
Refueling Tanks
Retrofit Fillneck Kits
Auxiliary Fuel Systems
Replacement Fuel Systems

15 July 2015

IS# 457

Page 1 of 3

THANK YOU FOR PURCHASING A TRANSFER FLOW INC. REFUELING TANK SYSTEM FOR YOUR FULL SIZE PICKUP OR CAB CHASSIS. READ THE FOLLOWING IMPORTANT INFORMATION WHICH PERTAINS TO OUR DOT SPECIAL PERMIT FOR REFUELING TANKS. PLACE A COPY OF THIS INSTRUCTION SHEET IN BOTH THE VEHICLE AND THE OWNER'S FILE AT THE PLACE OF BUSINESS.

1. Based on our special permit DOT-SP 11911, Transfer Flow, Inc. refueling tanks may be constructed from aluminum, stainless steel or aluminized steel. The choice of tank material is a decision made by both Transfer Flow, Inc. engineers and the customer. Several factors are considered when selecting the appropriate material. In some cases weight is a factor in selecting the material. Corrosion resistance may also be a factor in material selection. Some materials are more corrosion resistant than others. For example, if the Transfer Flow, Inc. tank will be used to carry and dispense methanol fuel, a stainless steel tank would be the material of choice.

LEGAL USAGE OF TRANSFER FLOW, INC. REFUELING TANKS

2. Only Class III liquids listed in the table in section 6 of DOT-SP 11911 can be stored and dispensed from Transfer Flow, Inc. Refueling tanks. Class III liquids include gasoline, diesel fuel, ethanol, methanol, kerosene, gasohol, jet fuel and flammable liquids with a vapor pressure of less than 16 psi at 130 degrees F.
3. One of the important benefits of this exemption is that Transfer Flow, Inc. refueling tanks do not need to be removed from the vehicle when refueling. Transfer Flow, Inc. refueling tanks can remain secured to floor of the utility bed or pickup box. Our refueling tanks must be mounted in accordance with Installation Instruction sheet #841 that accompanies each refueling tank.
4. A UL refueling hose, nozzle, and a UL approved fuel pump with an internal check valve may be permanently installed on top of the fuel tank. However, fuel must be removed from the refueling supply hose during vehicle operation. To accomplish this two person operation, remove the cap from the Transfer Flow refueling tank and place the refueling nozzle in the fillneck of the Transfer Flow, Inc. tank taking care not to immerse the end of the nozzle in fuel. Squeeze the lever on the fuel nozzle to open the nozzle, then hold the TFI power switch in the momentary reverse position for a minimum of 15 seconds.
5. Transfer Flow, Inc. refueling tanks may not be manifolded together. Each refueling tank must remain a separate entity. Do not connect any tanks to Transfer Flow, Inc. refueling tanks for any reason.

6. Special permit DOT-SP 11911 allows you to use a Transfer Flow, Inc. refueling tank that is less than 119 gallons. This exemption also allows you to refuel other equipment while the Transfer Flow, Inc. refueling tanks remains affixed to the floor of the pickup bed or the cab chassis bed.
7. A copy of this exemption must remain in the vehicle that contains the Transfer Flow, Inc. refueling tank. A copy of this exemption must also be filed at the place of business along with the retest document, refueling tank record, and other documents.

OPERATION

8. The Transfer Flow, Inc. refueling tank must be attended to at all times during the refueling or filling process. A “qualified” person must attend the refueling or filling process at all times. The person must be alert and must be within 25 feet of the refueling tank during the refueling or filling operation. The person must have an unobstructed view of the refueling tank and delivery hose during that event.
9. A person is “qualified” if:
 - He has been made aware by the owner of the nature of the hazardous materials in the refueling tank.
 - He has been instructed by the owner on the procedures to be followed in the event of an emergency.
 - He is authorized by law to drive the vehicle that contains the refueling tank.
 - He has the physical stature to perform the refueling operation, to drive the vehicle unimpeded and to be able to protect himself in the event of an emergency.

TESTING

10. Each refueling tank must be tested every 2.5 years, commencing from the date of manufacture or the date of a repair to the Transfer Flow, Inc. refueling tank. Only Transfer Flow, Inc. may repair a damaged Transfer Flow, Inc. refueling tank. No other company is authorized to repair a damaged Transfer Flow, Inc. refueling tank.
11. Testing a Transfer Flow, Inc. refueling tank consist of the following:
12. Remove all liquid from the Transfer Flow, Inc. refueling tank. Replace the rollover vent valve with a checked female air fitting and install a 2” pipe cap to seal the 2” fill pipe.

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Page 3 of 3

13. Carefully remove the fuel tank from its mounted location in the vehicle and visually inspect all fasteners and all sides of the fuel tank for any damage or excessive wear. Any noted damage or excessive wear to the fuel tank that is deemed by the inspector to possibly result in an eminent failure must be reported to Transfer Flow, Inc. **(530-893-5209)**.
14. If the Transfer Flow, Inc. refueling tank passes a visual inspection, the tank must then be pressure tested using air to a maximum pressure of 20 KPa or 2.9 psig. Apply between 2 and 2.9 psig pressure to the inside of the fuel tank. Using a soapy water solution, confirm that all welds are leak free. If any leaks are observed they must be immediately reported to Transfer Flow, Inc. at the above phone number.
15. If the Transfer Flow, Inc. refueling tank passes both tests, use a black acrylic pen to fill out the test date and the name of the tester on the retest label that is attached to the Transfer Flow, Inc. refueling tank.
16. The owner of the Transfer Flow, Inc. refueling tank must also fill out and keep a record of the periodic retests and any periodic inspections. In addition he must retain other information in the file at the place of business. Information in the file should include but is not limited to a copy of the purchase invoice, the refueling tank's part number, the tank's serial number, a record of test and inspection dates, names and addresses of inspectors that conducted the tests and inspections of the refueling tank, and test or inspection specifics and their results. Records must be kept at each location where periodic test are conducted until such tests are successfully performed again, for at least 2.5 years from the date of the last test. All of the records retained by the owner must be made available for inspection to any representative from the Department of Transportation on request.

CAUTION

17. If there is a spill due to any reason, this exemption does not relieve the person or persons from Hazardous Materials Regulations. Among other things, if liquid is spilled the person or persons are responsible to clean up the spill following Hazardous Materials Regulations guidelines.
18. No modifications to the Transfer Flow, Inc. refueling tank may be made. Any modification will void not only the warranty but also the exemption of DOT-SP 11911.
19. Failure by any person to comply with any of the above requirements may result in the suspension or revocation of this exemption and they may be assessed penalties prescribed by the Federal hazardous materials transportation law.