RDS Manufacturing Inc.
300 Industrial Park Dr.
Perry, FL 32348

Contact:
1-850-584-6898

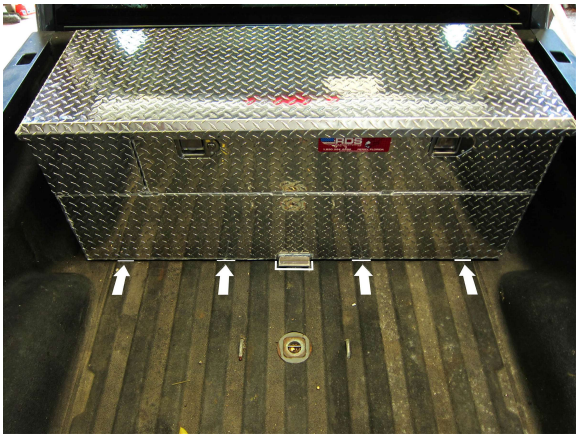
Transfer Fuel Tank Installation Instructions

RDS Manufacturing Fuel Tanks are designed to fit in the BED of a truck. Under no circumstance should an RDS Fuel Tank be mounted directly to the FRAME of a vehicle. Failure to adhere to this can cause product failure and will VOID any warranty.

1) With transfer tanks the transfer pump can be installed before mounting the tank to the bed of the truck. Pump installation depends on the type of pump you purchased so follow the manufactures instructions for installing the pump.

2) Place tank in bed of truck at desired location. Check underneath the bed to ensure the desired tab location does not interfere with any components of the truck such as wiring or hoses. If the tank has a toolbox make sure the lid has room to open.

3) Mark the tab locations and also mark the front edge of the tank (closest to tailgate). This will be your starting point for the neoprene. Also mark the four spots you will place the neoprene strips, space them as evenly as possible.



4) Drill one 5/16” hole in each tab and the bed of the truck (making sure as to not hit any wiring or other critical components of the truck) for mounting. Drill only one hole per tab. Place a bolt in your first hole to help keep the tank in-place while drilling the other holes.

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5) After drilling the holes for the tabs move the tank and clean any shavings out of the bed.

6) Next you will cut the neoprene into four equal pieces the width of the tank. Place the strips at the four predetermined locations. The strips should be on top (not the valley) of the corrugation (sticky side down).

7) Now place your tank back to its desired location and line up the holes previously drilled.

8) Place a washer on the ¼" x 2 1/2" bolts. Insert the bolts into the holes. Underneath the bed place a washer, spring, washer and then lock nut on the other side of the bolt. You will need two people to easily bolt the tank. Stop tightening the bolt once the spring starts to compress.

This spring bolt combination will anchor the tank while still allowing the tank to move with the bed of the truck as it travels over rough terrain. This will prevent undue stresses from being passed along to the tank from the truck.

** The fill cap location and pump location cannot be swapped. There is special bracing inside the tank to support the pump.

** Do not use extension pipes to raise the height of the transfer pump. Raising the pump puts extra stress on the tank and will void the warranty.

** RDS transfer tanks are rated for GPI standard duty pumps 8, 12, 15, and 18 GPM pumps. They are rated for Fill Rite 8 and 15 GPM pumps. For other pump brands, keep the overall pump, nozzle, and hose weight under 35 pounds that will be on the tank. Using 20 GPM pumps and larger will void the warranty.

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Important Facts/Instructions for RDS Transfer Fuel Tanks

Personal Use

Ex. (If you are transferring gasoline to refuel your personal boat, jet ski, generator, etc. you are exempt from the requirements for commercial use from DOT.)

Functions not subject to the requirements of the HMR. Transportation of a hazardous material by an individual for non-commercial proposes in a private motor vehicle, including a leased or rented motor vehicle. 49CFR171.1(d)(6)

Commercial Use

Per the special permit (DOT-SP 16365) RDS transfer tanks 113 gallons or under are allowed to transfer the following fuels for commercial use.
Diesel Fuel
Aviation Fuel
Gasoline

A current copy of special permit DOT-SP 16365 must be carried aboard the motor vehicle used to transport the tank. Ex. (keep the permit in the glove box.)

Additional copies of the permit can be printed off from our website at www.rdsaluminum.com.

The pump hose and nozzle must be locked using a keyed or combination lock during transport.

Empty contents of the hose into the tank before transportation.

Turn the switch off before transportation.

Each Hazmat Employer must provide the training required by Ch49 172.700 through 172.704 for each hazmat employee.

Tanks must be attended at all times during loading and unloading operations by a qualified person. A person is considered qualified if they meet the following.

-person is within 25’ of tank with unobstructed view
-aware of the nature of the hazardous material
-instructed on emergency procedure
- authorized to move tank
-has means to move tank

Every 2.5 years or after repair the tank must have an external visual inspection and leak test at 2.9 psi.

Every 5 years the tank must be internally inspected.
Document the date of all retests on your copy of the special permit.

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WARNING – FAILURE TO FOLLOW THE ABOVE INSTRUCTIONS CAN AND WILL VOID WARRANTY. FAILURE TO USE PROVIDED INSTALLATION KIT CAN AND WILL VOID WARRANTY.

DANGER - Danger of EXPLOSION. Do not use the toolbox portion on Combos for storing or transporting flammables, explosives, hazardous materials, or hazardous waste, such as containers of gasoline, solvents, gun powder, dynamite, propane tanks, acetylene tanks and cutting torches. The toolbox is only intended and safe for use in storing and transporting small tools, equipment and other similar materials. Any modifications made to, or unintended use of this product, could create a hazardous condition that can cause death, serious personal injury or property damage.

CAUTION – RDS MFG, INC toolboxes are intended for the carrying of miscellaneous tools and/or equipment. Do not stand on or in the toolbox. Do not use the toolbox as a securing or anchor point. Do not use the toolbox to carry livestock or humans. Exercise caution when removing or placing objects in and out of the toolbox. Do not operate vehicle with an unsecured tank or toolbox. Secure tanks and toolbox only with provided or approved fasteners.

Limited Warranty

RDS Manufacturing Inc. warrants to purchasers that the products it sells are free from defects in materials and workmanship under normal use and service for a period of one year from date of purchase. This warranty does not cover defects or damage arising from improper installation, lack of proper maintenance, improper storage, shipping and handling, ordinary wear and tear, misuse, abuse, accident, unauthorized service, or use with or on unauthorized products or parts, or use for any other purpose than that stated herein. The only liability of the company hereunder in tort and contract, under this warranty shall be limited to the repair or replacement of any product or component part which shall prove defective to the original purchaser. RDS Manufacturing Inc. will not pay costs or repair performed other than in accordance with this warranty. Written notice of a product believed to be defective as covered by this warranty should be sent to: RDS Manufacturing Inc., 300 Industrial Park Dr., Perry, FL 32348 or sales@rdsaluminum.com, and should include pictures of the defect, pictures of the product installation, the purchasers name and address, identification of the product, an original or copy of the receipt or invoice, and a brief description of the defect. Upon receipt of such notice the company will inform the purchaser where to Ship such product, shipping charges prepaid, for examination. In the event such examination reveals a defect covered by the Warranty, RDS Manufacturing Inc. will, at its own option, repair or replace the product and return it or the replacement to the purchaser, shipping charges prepaid. There are no express warrantees except as listed above. The forgoing warranty is in lieu of any and all warranties, expressed or implied. All implied warranties, including but not limited to the warrantees or merchantability and fitness for a particular purpose, are hereby excluded. RDS Manufacturing Inc., shall not be liable for incidental or consequential damages resulting from use of its products, or arising out of any breach of this warranty. The foregoing limitations and exclusions are intended to be effective to the maximum extent permitted by law.