RDS Manufacturing Inc.
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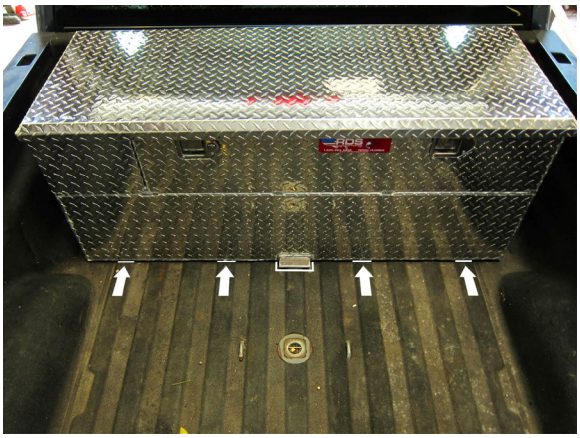
Auxiliary Fuel Tank Installation Instructions for Gravity Feed

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) Place tank in bed of truck at desired location. Check underneath the bed to insure the desired tab location does not interfere with any components of the truck such as Wiring and Hoses. If the tank has a toolbox make sure the lid has room to open.

2) 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.



3) 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.

4) Mark a spot in the side bed that best aligns with the drain plug. Now move the tank out of the way and drill a ¾" hole in the bed for the fuel hose.

5) After drilling the holes for the tabs and fuel line 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) Remove the plug from the bottom of the tank and then install the shutoff valve in the opening. A tiny amount of never seize or pipe tape on the threads is helpful.

8) Double check the diameter of the truck fill hose and confirm you have the right gravity feed kit. Now cut approximately 1 ½" of the fill hose. If the truck has a metal fill pipe use the two rubber collars provided to connect the fill hose and adaptor after cutting. Only provided/needed on some kits. On some trucks it is best to connect where the metal fill pipe meets the rubber fill pipe.

9) Install the adaptor as horizontal as possible with the control valve upright. Secure the adaptor tightly with the hose clamps.

10) Place your tank back to its desired location and line up the holes previously drilled.

11) Connect the provided hose to the shutoff valve and secure with a hose clamp. Run the hose through the previously drilled ¾" hole.

12) Measure the distance to the adapter and cut off the unneeded hose. Connect the hose to the control valve on top of the adapter and secure with a hose clamp.

13) 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.

14) Check the top of the trucks main tank to see if there is an open vent. Some trucks will have this some will not. If the truck has an open vent place a piece of hose on the vent and run the hose up into the bed of the truck to the height of the auxiliary tank. A good place to terminate this hose is under the bedrail so that the opening is protected from rainwater.

15) Now is the time to check for leaks and proper operation of the installation kit. Place fuel in the tank and then open the shutoff valve. Look over all areas where you installed hose clamps looking for any signs of fuel leakage. Once you have determined there are no leaks you are ready to hit the road.

TIPS

Keep the truck's factory fuel cap closed when the auxiliary fuel tank has fuel and the shutoff valve is open. Do not try and remove the cap and watch the adapter work.

It is best to keep the shut off valve on the tank closed when the truck is not in use.

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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.