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Model Number: 410300

MasterBlend 410300 Truckmount Auto Pump Out For Automatic Waste Water Dump 12 Volt D.C.

Manufacturer: MasterBlend

Truckmount Waste Tank Pump Out 12 Volt D.C.
Includes Float Switch

Made by MasterBlend especially for the El Diablo Truck Mount.
Can be used with other Truck Mounts with similarly ported waste tanks.

Waste Pump Instructions

1. Assemble and install the elbows and nipple into the lower waste tank fitting as necessary for the particular application. You may not need to use all of the fittings if the installation varies (see picture 1). Use thread sealant or Teflon tape on all fittings.
2. Install the brass check valve with the arrow directed towards the pump and away from the waste tank. Tighten the 1 1/2 barb with the 1 1/4 MPT into the check valve.
3. Apply thread sealant or Teflon tape to the threads of the float switch and screw it into the upper fitting of the waste tank. Pay particular attention when starting the threads as to avoid cross threading the switch. Note the arrow on the side of the float switch housing and tighten so the arrow is pointing vertically upward (see picture 2).
4. Determine the desired location for the pump and cut hose to proper length. Install the hose to the check valve and pump and secure the hose clamps. Then mount pump securely using 4 screws and washers.
5. Tighten the 2 remaining 1 1/2 barb with 1 MPT into the shutoff valve. Determine the desired location for the shutoff valve and cut the hose to the proper length (see picture 3). Install the hose and secure with hose clamps.

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6. To secure the shutoff valve, first install the PVC clamps over the shutoff valve but do not lock into place. Mark the location of the mounting holes then remove the clamps from the shutoff valve. Mount the clamps to the marked holes using the screws. Put the valve back into the clamps and lock into position.

7. Mount the toggle switch into the panel and connect one terminal to the battery post of the engine using the fuse holder.

Waste Pump Instructions

8. Connect the white wire from the 16-2 cable to the other terminal of the toggle switch, and connect the black wire to engine ground.

9. Run the 16-2 cable along the frame to the pump. Connect the Black wire from the 16-2 cable to the black wire on the pump. Connect the white wire from the 16-2 cable to the white wire on the float switch then connect the black wire from the float switch to the red wire on the pump (see picture 4).

10. To operate the pump, first connect one end of a vacuum hose to the barb on the shut off valve. Run the other end of the vacuum hose to an approved disposal site. USE ONLY 1 1/2 OR LARGER HOSE.

11. Open the shutoff valve then turn on the pump switch.

CAUTION: DO NOT TURN ON THE PUMP SWITCH WITH OUT FIRST OPENING THE SHUT OFF VALVE BECAUSE PUMP DAMAGE MAY OCCUR.

The pump will operate automatically as the waste tank fills.

12. When finished with the job, turn the pump out switch off then close the shut off valve.

Can be installed on the following truckmounts with just a few changes:

-MasterBlend 300016 El Diablo Truckmount Kerosene or Diesel Fired Truck

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Mount 100 Gallon Waste Tank Package 1 (In Stock)

-Blue Baron Compact 36 Truckmount 23.5 Hp Belt Drive Starter Package (In Stock Today, Cash Priced) [BB Compact 36]

-Blue Baron BB45SE 27hp Truckmount Belt Drive 300 ft reel, 200 ft hose set, Wand (Cash Priced)

-Blue Baron 47XL 32.5 hp 4LR Blower Truckmount Belt Drive 300 ft reel, 200 ft hose set, Wand Starter Package (In Stock, Cash Priced)

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Sapphire Scientific Kohler Rage Truckmount 72-170C Clutch Pump

MasterBlend 300046 EI Diablo HE Truckmount - Heat Exchanger (Free Shipping!) 100 gallon Waste Tank Package 1

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-MasterBlend El Diablo Truckmount Kerosene or Diesel Fired Truck Mount
100 Gallon Waste Tank Package 3 (in stock) 20170803

Availability: This product was added to our catalog on Thursday 16 June, 2011