

Installation

Your Fill-Rite pump is designed to be mounted on a skid tank using the threaded inlet flange supplied with the pump (see attached diagrams). Your pump features an integral bypass valve to recirculate the fluid when the pump is operating with the nozzle closed.



WARNING! In Skid Tank applications, be sure the tank is properly secured so it cannot shift or move whether the tank is empty or full.



CAUTION! Do not use additional check valves or foot valves unless they have a proper pressure relief valve built into them. Note that additional check valves will reduce rate of flow.



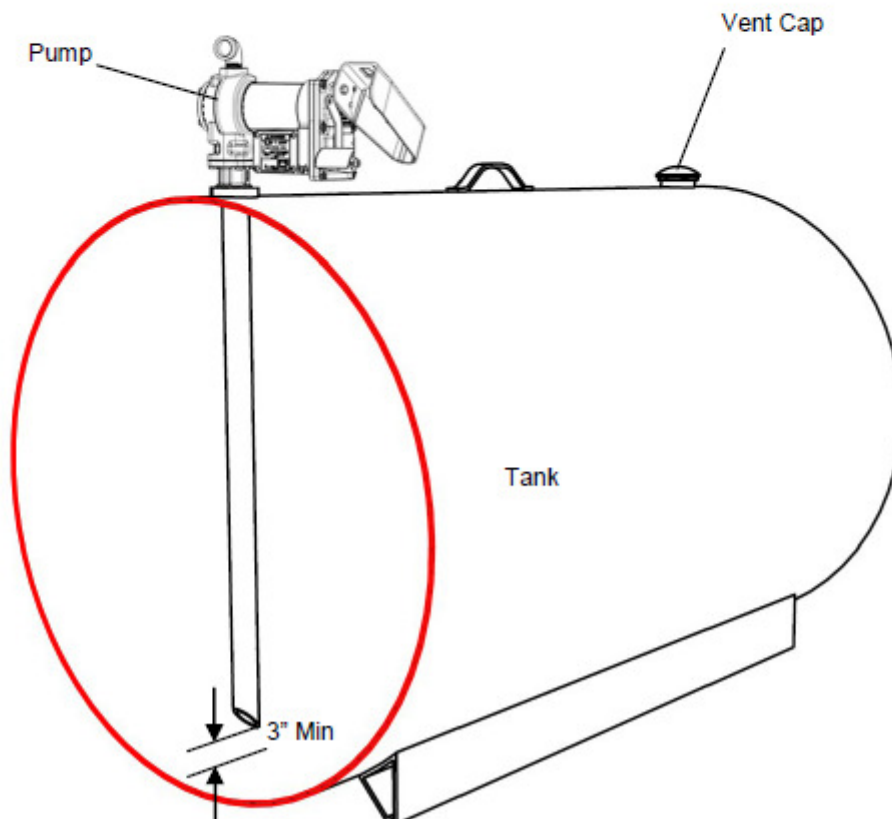
CAUTION! Threaded pipe joints and connections must be sealed with the appropriate sealant or sealant tape to prevent the possibility of leaks.



WARNING! Fill-Rite pumps are designed for use with stationary and mobile tank applications. While DC powered units are excellent choice for mobile applications, anchoring the tank to which the pump is mounted is paramount to ensure no movement in transit. Failure to secure the tank to the vehicle can cause uncontrolled movement, resulting in damage, injury, and potential fire.

Typical Skid Tank Installation

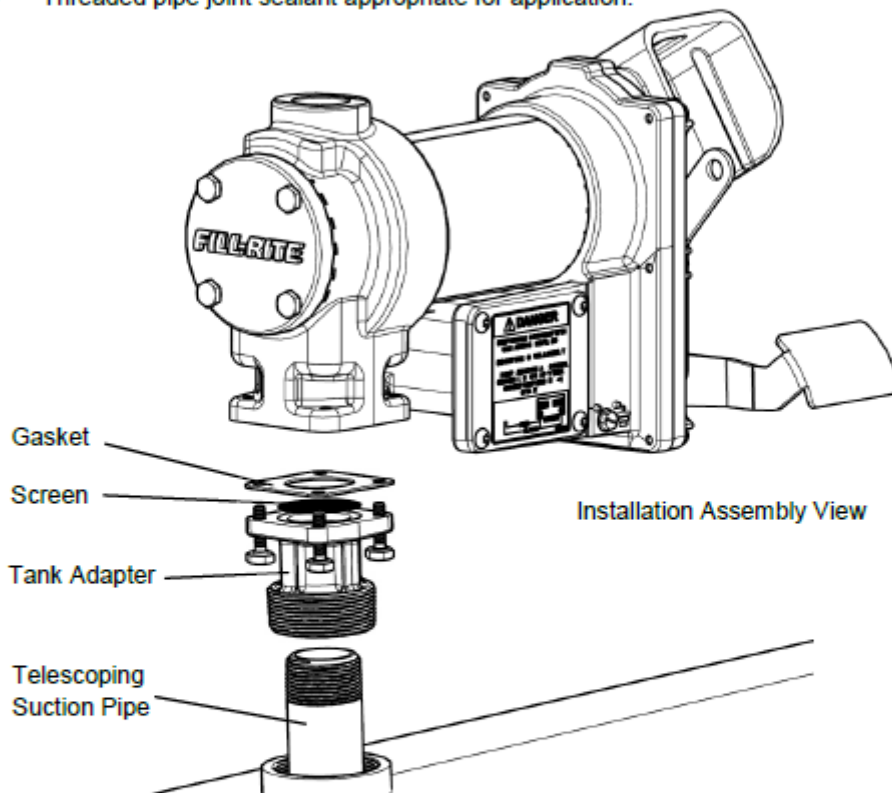
The pump mounts to the bung of a skid tank by way of the inlet flange. The suction tube threads into the bottom of the inlet flange, and must extend to a length that positions it at least 3" from the bottom of the tank. The skid tank should be equipped with a vent cap.



Typical Skid Tank Installation

Materials:

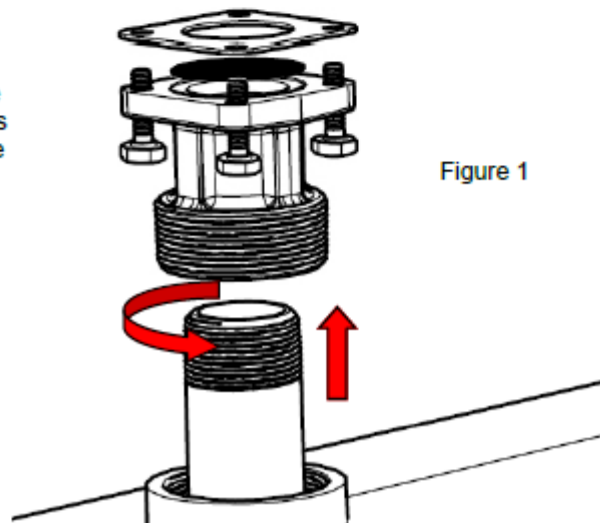
- 1" telescoping suction pipe extended to a length that will extend to within 3" of the bottom of the tank when screwed into the tank adapter with the tank adapter screwed into the tank flange (see **SKID TANK INSTALLATION** diagram).
- Threaded pipe joint sealant appropriate for application.



Installation Procedure:

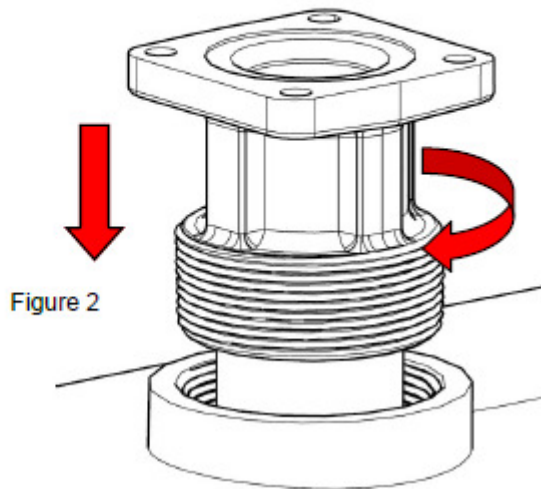
1. Thread the 1" pipe into the tank adapter. Seal threads liquid tight with appropriate sealant.

(Figure 1)



Typical Skid Tank Installation (cont'd)

2. Screw the inlet flange (with suction pipe) into the tank bung; seal threads liquid tight with appropriate thread sealant (Figure 2).



3. Mount the pump on the adapter, making sure the seal and screen are installed as shown. (Figure 3).

