

Installation Instructions for the TankDefender™

Fill-Rite's TankDefender™ is a simple and compact accessory that amplifies the structural integrity of your tank. It provides support between your pump and your aluminum tank and can easily be installed under the junction box or switch plate. Follow these instructions for installation.

INSTALLATION

Step 1: Check your pump model series

The TankDefender is designed for H-Series pump models. To verify which series you have, look for an "H" at the end of the model number on your pump, as shown in the picture below.

"H-Series" on a product label



Step 2: Determine height of bung adaptor on aluminum tank

Most aluminum tanks, especially new models, have bung adaptor heights ranging from 0.2" – 0.5".

Step 3: Determine best location to install TankDefender

For tanks with a tall bung adaptor, the ideal location for the TankDefender is under the switch plate (Figure 1). For tanks with a shorter bung adaptor, and less clearance under the switch plate, the TankDefender can be installed under the junction box (Figure 2).

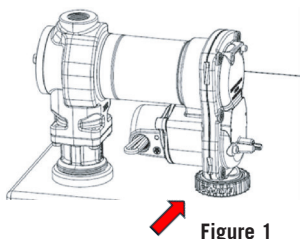


Figure 1

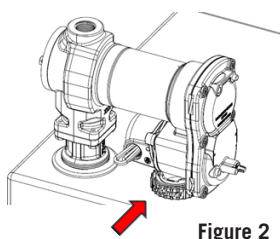


Figure 2



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INSTALLATION (Continued)

Step 4: Install TankDefender Under the Switch Lever

- A. Place the O-ring in the indentation on the bottom of the jack collar (Figure 3a).
- B. Thread the jack post into jack collar (Figure 3b).

NOTE: It may be easier to start at the top of the collar.

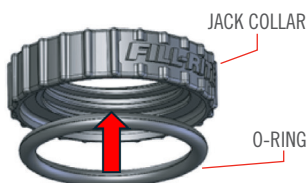


Figure 3a



Figure 3b

- C. Twist until the bottom of the jack post is slightly past the bottom of the jack collar.
- D. Slide the assembled TankDefender under the pump switch plate and align the notches on the jack post with the switch plate as shown in Figure 4.
- E. Turn clockwise to raise the jack post until it is hand tight to support the pump.

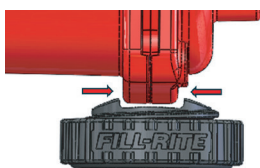


Figure 4

Step 5: Installing TankDefender Near the Junction Box

- A. Place the O-ring in the indentation on the bottom of the jack collar (Figure 3a).
- B. Thread the jack post into jack collar (Figure 3b).

NOTE: It may be easier to start at the top of the collar.

- C. Twist until the bottom of the jack post is slightly past the bottom of the jack collar.
- D. Slide the assembled TankDefender under pump junction box, and align the curve top of the jack post with the junction box as shown in Figure 5 below in the direction of
- E. Turn clockwise to raise the jack post until it is hand tight to support the pump.

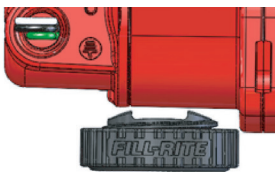


Figure 5