

Titan 3 Tote Manifold Installation Instructions

1



The TTM System includes:

1-Manifold Hose Assembly

2-6" IBC Cap w/ 4 Cam Dispense Valve & 4 Cam Fill Valve installed

1-6" IBC Cap w/4 Cam fill valve installed

2



A – Your setup will require 3 IBCs. You will need to remove the 6" IBC cap from your 2 end totes.



B - Replace the caps you just removed with the 6" IBC caps that have the 4 Cam dispense valve and 4 Cam fill valve factory installed.

3



Once installed, your 6" caps on the two end totes should be oriented as shown.

4



Your manifold hose assembly comes with two 4 Cam dispense couplers factory installed. (One dispense coupler will be installed on the end totes.) Align the white cam on the coupler with the arrow on the valve's collar.

5



With the appropriate cam engaged, rotate the dispense coupler clockwise so that the arrows on the dispense coupler, valve and cap are inline.

6



Depress the coupler handle so that it is in the locked position. This should be how each end tote is installed.

7



A - Your existing DEF tote should be in the center of the 3 totes. You will need to loosen the 4 Cam Valve.

B - Remove the valve & tube. Set the removed valve & tube aside, it will be reinstalled in a future step.

C - Remove the 6" IBC cap from the tote.

8



A - Install the new 6" IBC Cap with the 4 Cam fill valve on to the IBC. Reinstall the 4 Cam valve and tube assembly in to the dispense port of the cap.



B - Tighten valve as required.

9



Install your existing dispense coupler to the 4 Cam fill valve previously installed in Step 8. (Note: You will need to remove the existing hose from the coupler and pump at this time.) When properly installed, your existing dispense coupler should be aligned in manner consistent with the installation completed in Step 5.

10



With the existing dispense coupler properly installed; affix the hose from the manifold assembly to the barbed fitting by using the supplied hose clamp. The proper end of the hose is identified with a yellow tag.

11



When the dispense couplers are properly installed, a fill coupler can be affixed to the fill valve(s) as shown.

12



Attach the open end of the hose that is affixed to the bottom of the “T” fitting in the center of your hose manifold to the suction side of your pump.

13



Tighten the hose using the hose clamp provided.

14



It is recommended that you use tie wraps to secure the hoses to your IBCs as shown. You are now able to use your system for dispensing.