



INSTALLATION INSTRUCTIONS ACCUMULATOR ASSEMBLY KIT

Red Jacket Part No. 101-054-5

The Red Jacket Accumulator is to be installed into the two-inch threaded port located in the top of Red Jacket 4" submersible pumps manufactured after 1963.

NOTE Refer to document RE260-190 when installing Accumulator with Red Jacket's Pressure Transducer Adapter.

IMPORTANT **ALL AIR MUST BE OUT OF THE SYSTEM FOR ELECTRONIC LEAK DETECTION SYSTEM TO WORK PROPERLY.** Before installing Accumulator in pump, fill the system with product by running the pump and delivering product from each dispenser (starting with the farthest from the pump and working to the pump) until all air is removed from system.

NOTE We recommend installation of the Accumulator before installing the PPM 4000 /ST01L series unit to avoid possible shutdown due to loss of line pressure.

1. Disconnect power to pump at the load center.
2. Remove the two-inch plug from the top of the Red Jacket pump. If the two-inch plug is found to be so tight that it cannot be removed, the submersible should be removed from the tank and placed in a vise. Remove the functional element assembly next to the pipe plug. The plug should then come out readily if a large pipe wrench is used. Replace functional element assembly securely and replace the pump in the tank.
3. Apply UL Classified non-toxic pipe thread sealant to the two-inch threads on the Accumulator.
4. Screw the Accumulator into the pump. Tighten with wrench. (Top hex is 2-1/2")
5. Remove 3/8" plug from the tank test port on top of pump (See Figure 1.)
 - a. Apply UL Classified non-toxic pipe thread sealant on the straight vent tube fitting and install in the "Tank Test" port on the pump manifold.
 - b. Align Accumulator so that vent opening at the top of Accumulator is as close to tank test port as possible.
 - c. Remove plastic thread protector plug from vent port on Accumulator. Apply UL Classified non-toxic pipe thread sealant to vent tube elbow fitting and install Accumulator vent port. Elbow should be pointed downward for best protection of tubing. (See Figure 1.)
6. Install tubing vent line into both fittings as shown in Figure 1.

CAUTION **MAKE SURE BOTH FITTINGS ARE TIGHT TO PREVENT POSSIBLE LEAK INTO THE GROUND AND/OR WATER SEEPAGE INSIDE ACCUMULATOR AND TANK.**

7. Connect power to pump at load center.

8. Clear remaining air from system as follows:
 - a. Turn on dispenser that is farthest from Accumulator but do not open nozzle. Wait four or five minutes or more. Look for leaks on parts worked on.
 - b. Shut off pump and allow to stand four or five minutes. Then start pump again and open nozzle farthest from Accumulator (working to the pump).
 - c. Turn pump on, then off. Bleed pressure to zero from shear valve of farthest dispenser. (Repeat twice). This will eliminate any trapped air in the Accumulator.
9. Observe any fluid seepage from Accumulator or fittings to insure tightness.

CAUTION **Make sure Accumulator and fittings are tight before installing the PPM 4000/ST01L Series unit. The PPM 4000/ST01L Series would sense the loss of line pressure and shut down the system, restricting total flow of product through the submersible pump.**

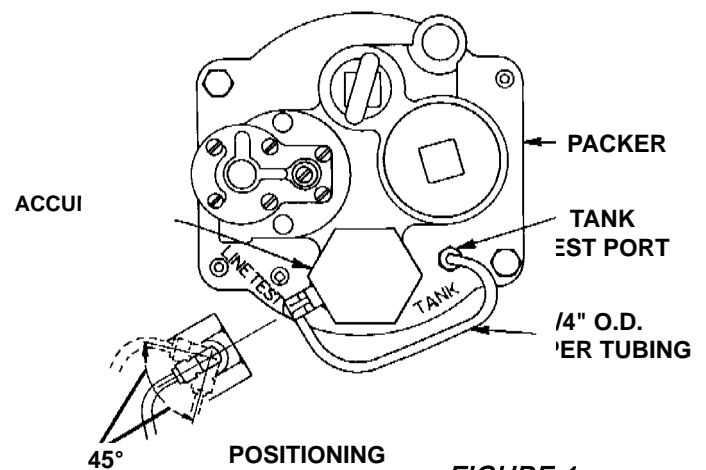


FIGURE 1



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