

RCI Engineering LLC
Ultra High Flow Wagon Dump Bundle
Bundle Update Information
15 May 13

The follow is a list of changes that need to be made to the Ultra High Flow Wagon Dump Bundle. All parts needed are contained in this bundle.

- 1) The threads on the back side of the quick coupler are $\frac{1}{2}$ " pipe thread. Replace the adapters shown in the instructions with the pipe to ORFS fittings enclosed. (Key 13 in assembly instructions parts listing)
- 2) The adapters in the main bundle are incorrect. These are listed as Key 14 in the assembly instructions. Please replace these with the enclosed fittings (qty 4).
- 3) The suction hose must route under the tank. Two additional fittings are needed to route to the suction port. See Figure 1 and 2 below for example of installation.



Figure 1. Suction Port Fitting Installation



Figure 2. Suction Hose Routing

- 4) The gasket at the pump is an industry-standard gasket. However, it is loose around the mounting face. The profile of the pump to the drive is small. To prevent leaking during operation, hold the gasket to the side (away from block) during installation so that it is captured on the machined surface of the pump. Or, if included in this bundle, use the replacement gasket.
- 5) The return line is approximately 3' too long for this application. Route the hose along the frame and then down to the return port on the tank to use the excess length, or consider fabricating a new hydraulic hose.
- 6) 7080 SPFH machines have three additional ports on the tank for hose return. Refer to other update bundle included if installing on a 7080 series SPFH. No additional changes are required on 7050 SPFH.

All above items are resolved for future bundles.