

FT05 Drum Pump Kit Supplemental Instructions

Introduction:

You have just received an FT05 AODD Drum Pump conversion kit. The conversion kit allows the user the ability to install their FT05 pump on top of a drum for easy drum liquid dispensing. FTI offers 2 types of kits.

Use **Basic Kits** with FT05 pumps ordered with the N3/B3 (vertical port option) or N4/B4 (vertical suction port only option).

Use **Retrofit Kit** with FT05 pumps not ordered with the above port option. This kit includes a new suction manifold with N3/B3 (vertical port option).

Drum pump conversion kits can be found in the FT05 Drum Pump Kit flier or accessories section of the FTI Air Price book.

Assembly Instructions:

Basic Kit

Using the two cap screws & nuts (items 8 & 9) provided with the kit, bolt the pump suction manifold of pump to the baseplate (item 3).

Wrap PTFE thread tape on the threaded portion of the drum pump drop pipe (item 4) and insert it up through the hole in the center of the mounting plate (item 3) and thread into the suction port of the pump.

Before installing in a drum pull the height adjusting sleeve away from the end of the tube until it stops. This ensures that it will sit on the bottom of the drum to minimize fluid left in drum when pumping is complete.

Insert the drum pump drop pipe assembly (items 4, 5, 6 & 7) through the bung opening of a 55 gallon drum. Screw into drum until resistance is felt.

Retrofit Kit

Remove the existing suction manifold from the FT05 pump (Note: turn the pump upside down prior to removing the manifold) and set it aside. Use the new suction manifold (item 1) included with the Retrofit Kit.

Reinstall the four manifold bolts tighten and torque in an "X" pattern. Refer to the FT05 manual for additional instructions & torque settings.

Using the two cap screws & nuts (items 8 & 9) provided with the kit, bolt the pump suction manifold to the baseplate (item 3).

Wrap PTFE thread tape on the threaded portion of the drum pump drop pipe (item 4) and insert it up through the hole in the center of the mounting plate (item 3) and thread into the suction port of the pump.

Before installing in a drum pull the height adjusting sleeve away from the end of the tube until it stops. This ensures that it will sit on the bottom of the drum to minimize fluid left in drum when pumping is complete.

Insert the drum pump drop pipe assembly (items 4, 5, 6 & 7) through the bung opening of a 55 gallon drum. Screw into drum until resistance is felt.

Note: The non-metallic kit uses a universal NPT/BSP/Buttress threaded adapter & the metallic kits use a universal NPT/BSP threaded adapter.



Basic & Retrofit Drum Pump Parts List			
ITEM	DESCRIPTION	PART NO.	QTY
Suction Manifold (Retrofit Kit Only)			
1	PP Center Vertical for FT05P	109608-1	1
	PVDF Center Vertical for FT05V	109608-5	1
	316SS Center Vertical for FT05S	109612-4	1
	Aluminum Center Vertical for FT05A	109612-1	1
Pipe Plug (Retrofit Kit Only)			
2	1/2" PP for FT05P	109637	1
	1/2" PVDF for FT05V	109639	1
	1/2" 316SS for FT05S	109572	2
	1/2" 316SS for FT05A	109572	1
Baseplate w/ Universal Adapter			
3	PP	109738	1
	PVDF	109738-1	1
	316SS	109745	1
Drum Pump Drop Pipe			
4	PP	109735	1
	PVDF	109735-1	1
	316SS for AL & SS Pumps	109735-2	1
Sealing O-Ring			
5	FEP Encap FKM for PP & PVDF Pumps	109750	1
	Conductive PTFE for AL & SS Pumps	109784	1
Sleeve Locking O-Ring			
6	PTFE	109751	1
Height Adjusting Sleeve			
7	PP	109736	1
	PVDF	109736-1	1
	316SS for AL & SS Pumps	109736-2	1
Flanged Hex Head Nut			
8	M8 x 1.25	109752	2
Flanged Hex Head Cap Screw			
9	M8 x 1.25 x 25mm for PP & PVDF Pumps	109507	2
	M8 x 1.25 x 20mm for AL & SS Pumps	109506	2

