



02-030B
2 May, 2007

FIELD INSTALLATION OF DFU ON NOX PUMP

I. PURPOSE:

Installation of a DFU onto the NOx pump inlet.

II. TOOLS:

Adjustable wrench

III. PARTS:

Teledyne API PN# KIT160

IV. PROCEDURE:

1. Remove power from pump.
2. Remove tube connected to pump inlet.
3. Remove 1/4" Tube from pump inlet.

NOTE: For the following steps, please refer to page 2 of this note. Page 2 provides instruction for proper use of Pisco fittings.

4. Referring to figure 1 and 2 below, install the Pisco fitting into the pump inlet.
5. Referring to figure 1 and 2 below, install the DFU and the PISCO elbow.
6. Using a tube cutter or Exacto knife, cut the 1/4" nut and ferrules off of the tube that connects to the pump inlet.
7. Install the end of the tube into the Pisco elbow fitting.

Some of the pneumatic fittings are designed for quick release with out the need for tools. These fittings are manufactured by Pisco and can be identified by a white ring, labeled "RELEASE RING" where the tubing enters the fitting as shown in the Figure 1.

To disassemble the tube from the fitting slide the release ring towards the fitting, then pull the tube out of the fitting.

To reassemble, slide the tube into the fitting, making sure the tube end is fully seated into the tube-end of the fitting as shown in Figure 11.

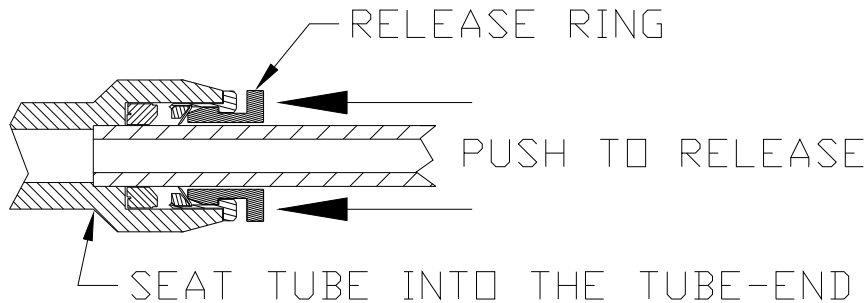
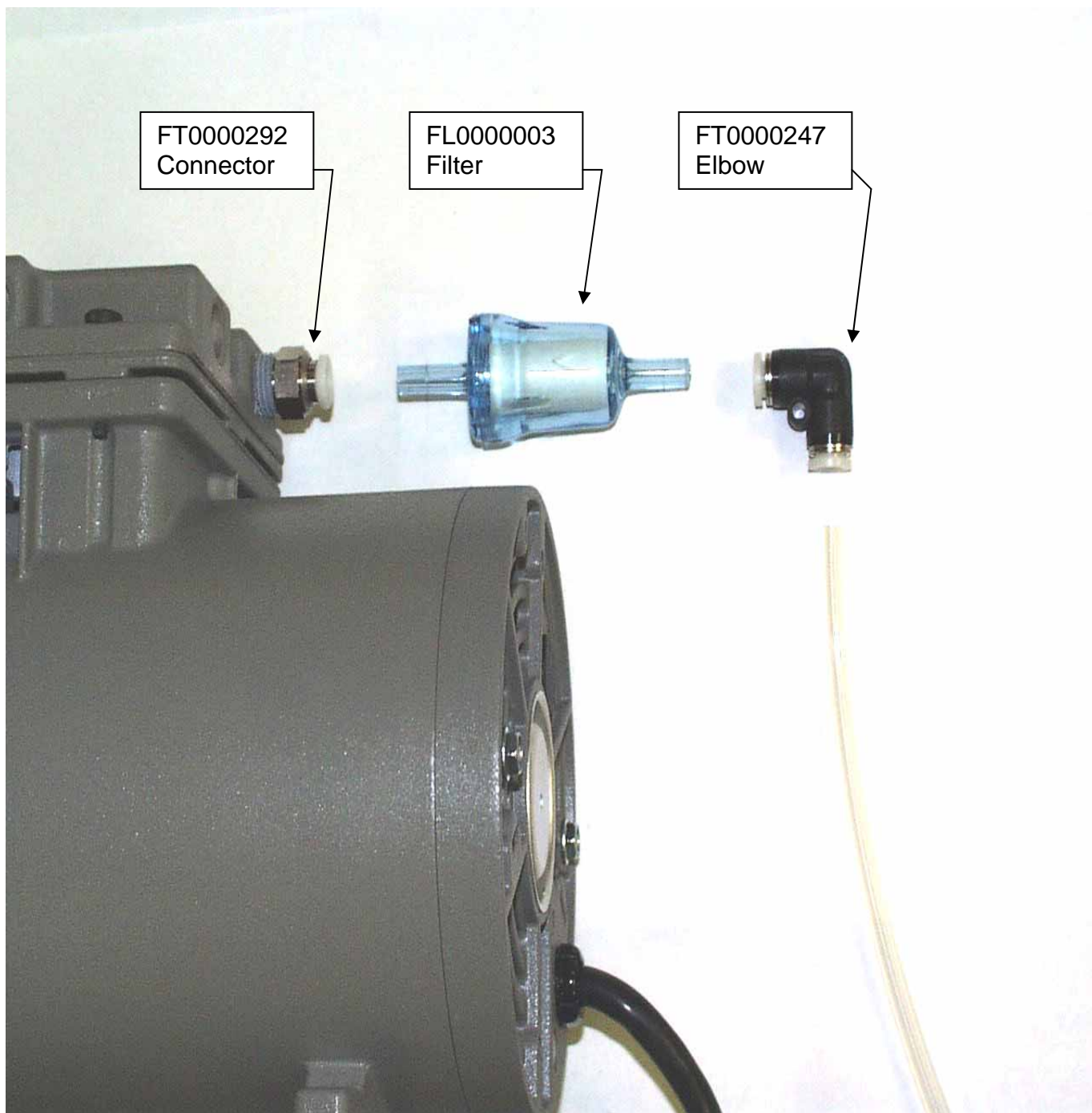


Figure 1: Quick-release, Pisco Fitting Operation



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