

# INSTRUCTION MANUAL

**IN-VERTER**<sup>TM</sup>



**WILDEN**<sup>®</sup>

A **DOVER** COMPANY

**IN-VERTER**<sup>TM</sup>

**DIAPHRAGM IN-VERTER**

**PUMP  
TOOLS**

# DIAPHRAGM INVERTER™ - HOW IT WORKS

The following is a list of simple instructions on how to use the Wilden Diaphragm Inverter™. This easy to use tool allows a pump user to move the shaft, with one diaphragm attached, from one side of the center section to the other. This allows the opposite diaphragm to be installed easily and ensures proper diaphragm alignment with the bead. This assembly device can be used on all 2" and 3" air-operated double-diaphragm pumps manufactured by Wilden and other AODDP manufacturers.

**TOOLS REQUIRED:**

- 9/16" Wrench
- 5/16" Allen Wrench



Step 1 Figure 1

Prior to using the Diaphragm Inverter™ inspect device to ensure device was not damaged during shipment. Also, prior to using the Diaphragm Inverter™, the Diaphragm Inverter™ handle has to be installed onto the Diaphragm™ Inverter base. This is easily done by inserting the 5/16" bolt into the bolt holes located at both the base and handle of the Diaphragm Inverter™.



Step 2 Figure 2

After positioning the center section assembly with diaphragm shaft secured to outer piston assembly and inserted into shaft bore of center section, align piston lug receptacle with piston lug.



Step 3 Figure 3

After completing step 2, diaphragm inversion process is ready to begin. Simply compress handle of Diaphragm Inverter™ to invert diaphragm. After completing step 3, diaphragm and piston assembly is ready to be installed onto opposite side of center section assembly

