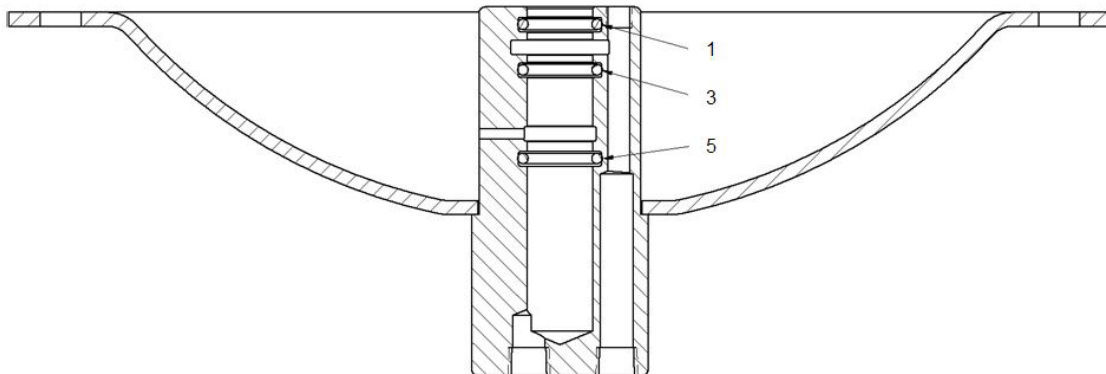


The O-Ring Installation Tool is intended solely for use when reinstalling the automatic valve on the non-wetted side of the AODDampener™ to ensure proper O-ring placement on reassembly.

- ◆ **Read and observe all safety warnings and instructions in the AODDampener™ Installation and Operation Manual before dampener installation, operation or repair.**
- ◆ **WARNING! Remove all pressure from dampener AND pumping system before disassembly, removal or maintenance.**
- ⚠ **CAUTION! Replace nut and bolt fasteners at each reassembly with fasteners of equal grade/strength value. DO NOT reuse old nuts and bolts. Fasteners may lose strength when re-torqued. Warranty voided for failure to replace both nuts and bolts when reassembling.**
- ⚠ Before performing a system pressure test, an air line with a constant source of compressed air must be attached to dampener to avoid possible damage to diaphragms. Compressed air pressure must be equal to or greater than system test pressure.

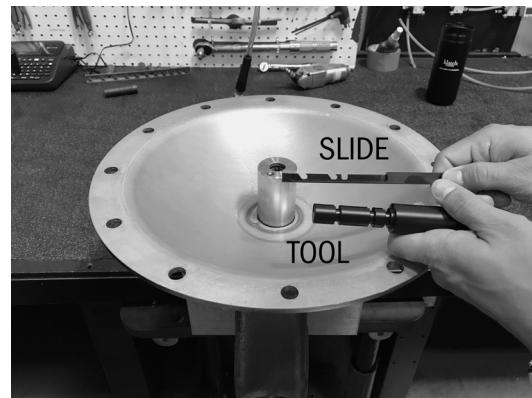
It is recommended that the O-rings in the automatic valve be replaced with each diaphragm replacement. There are three O-rings in the automatic valve body (see FIGURE 1). Diaphragm replacement kits include new O-rings. Refer to AODDampener™ Installation and Operation Manual for complete instructions.

**FIGURE 1**

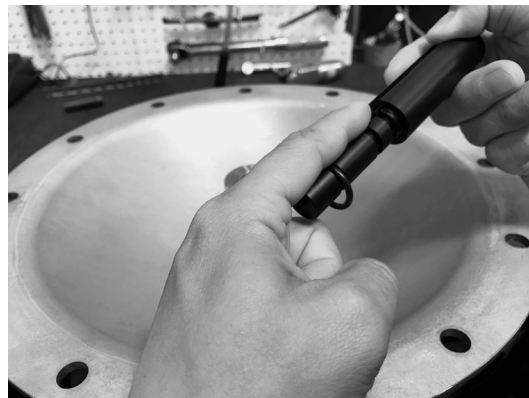


### O-RING INSTALLATION

1. Secure dampener non-wetted (top) housing into a vise with soft jaws with the inside (interior) of dampener facing up. Insert O-ring tool slide into the body of the tool until O-ring grooves align.



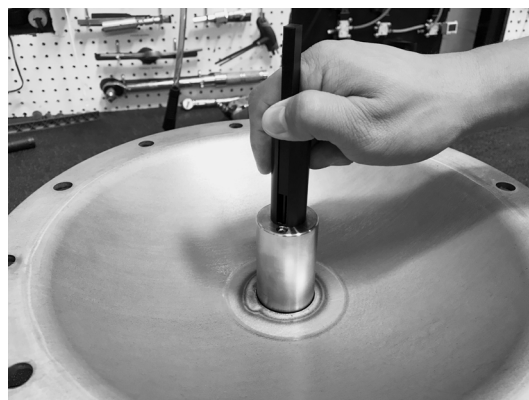
2. Position the first O-ring into the first groove as shown. Use your finger to cover top of slide to prevent O-ring from slipping out.



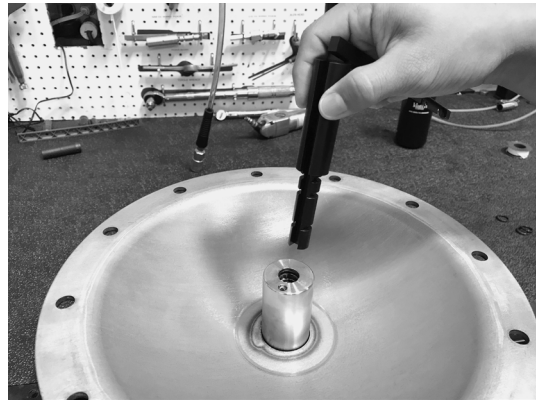
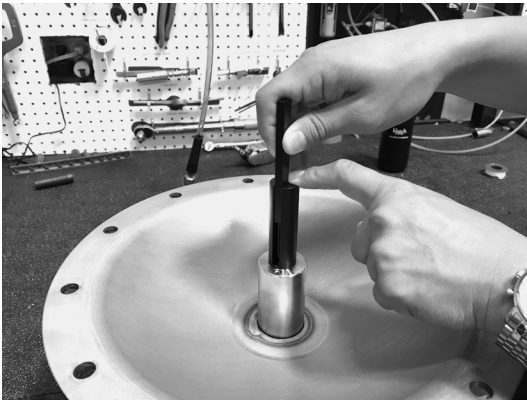
3. With your finger still covering the slide, use your other hand to push the slide forward to properly position the O-ring into the tool.



4. With the O-ring still positioned in the tool, insert entire tool into the automatic valve until the shoulder of the tool body is flush with the top of the automatic valve.



5. Hold down on the tool and carefully remove the insertion slide from tool body. Remove the tool from the automatic valve. The first O-ring should now be in place.



6. Re-insert O-ring tool slide into the body of the tool until O-ring grooves align. Position the second O-ring into the second groove as shown. Use your finger to cover top of slide to prevent O-ring from slipping out. Repeat steps 3 through 5 to install the second O-ring in the second groove.



7. Tool is not required to install third O-ring. Pinch the O-ring between your index finger and thumb as shown, and insert into the remaining O-ring groove in the automatic valve.



8. Inspect automatic valve to ensure that all three O-rings are in their designated positions. If not, use an O-ring pick to carefully remove O-rings and discard. Repeat installation steps using new O-rings.
9. Refer to the AODDampener™ Installation and Operation Manual for complete instructions on O-ring installation and dampener reassembly.

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