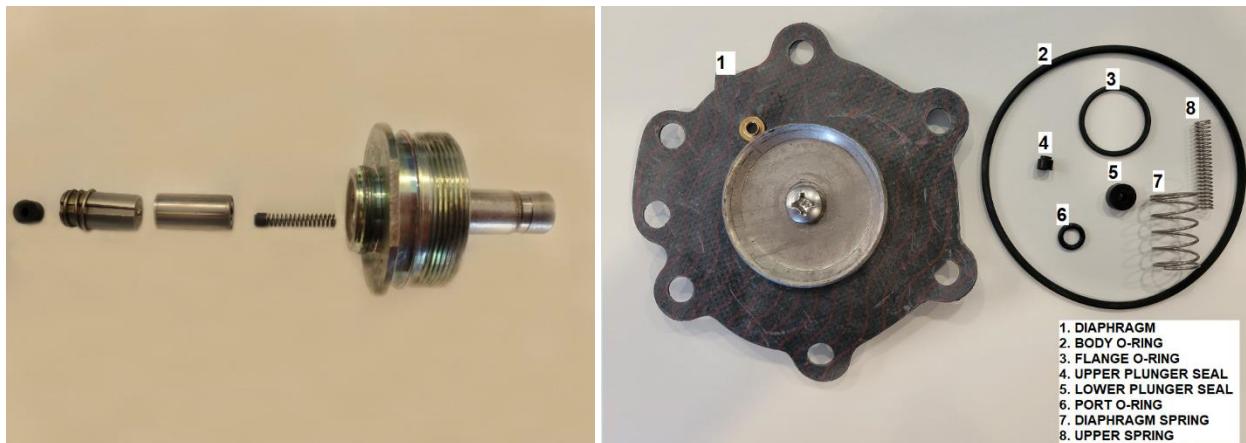




2601 KEYS POINTE ● CONYERS, GA 30013-1500
(770) 761-5490 ● FAX (770) 761-5492 ● 1-800-257-7545

High Flow Valve Repair Kit Installation Instructions

- 1) Disconnect power
- 2) Unplug coil. Loosen set screw at base of coil and remove coil/conduit assembly from stem.
- 3) Slightly loosen coil stem, but do not completely remove from valve body.
- 4) Remove and keep the six valve cover bolts and remove top from the body of the valve.
- 5) With valve cover removed and coil stem pointed downward, gently unscrew stem and set aside.
There are several small parts in the coil stem that will be needed to complete the repair of the valve. Use care as to not lose these small parts.
- 6) With coil stem removed from valve cover, now remove internal stem components.
- 7) Replace coil stem flange o-ring, lower plunger seal, upper plunger seal (**the smaller end of the upper plunger seal is inserted into the plunger body**) and upper spring as shown in photo.



- 8) Re-insert plunger assembly into coil stem and reattach stem to valve body finger tight.
- 9) Remove and discard diaphragm, diaphragm spring and both large and small o-rings.
- 10) Inspect diaphragm seat for debris or damages. This seat must be free of defects to function properly.
- 11) Install new body o-ring and pilot hole o-ring.
- 12) Install diaphragm assembly, metal disc up. Install diaphragm spring.
- 13) Attach valve top to body with six screws.
- 14) Tighten coil stem.
- 15) Install coil and conduit assembly.