



Fig. 1

HV DIAPHRAGM REPLACEMENT KIT

This kit (P/N 231900) contains:

- 1 each, black rubber diaphragm
- 1 each, new spare diaphragm spring
- 1 each, new diaphragm filter
(Preinstalled in diaphragm)

Diaphragm replacement steps:

1. Shut off water supply to the valve.
2. Unscrew all four (4)-bonnet screws. (see **Fig 1**)
3. Remove the bonnet assembly to expose the old spring and diaphragm.
4. Remove the existing spring and diaphragm from the valve body and discard them. (see **Fig 1**)
5. Remove the replacement diaphragm and spring from the kit; assemble the spring onto the rubber center post on top of the diaphragm by pushing it downward over the post. (see **Fig 1**)
6. The new filter should already be installed on the underside of the diaphragm with its outlet barb visible to the top.
7. Place the new diaphragm assembly over the valve body and make sure the dump port in the diaphragm lines up with the dump port in the valve body. (see **Fig 1**)
8. Place the valve bonnet onto the valve body and while keeping it level, so as to not to dislodge the diaphragm and spring, align it with the body and press it down firmly, make sure the bleed port from the diaphragm and the valve body are aligned, tighten the four screws (14-26 in./lbs. torque).
9. Pressure test the valve by turning the water supply to make sure the bonnet screws are tight enough to prevent leakage.