



CRYOGENIC VALVES
VACUUM COMPONENTS

Instructions for Using the Soft Goods Kit to Replace Soft Goods in All Vacuum Valve Operators*

1. Remove lower brass nut with ferrule & o-ring, and set aside
2. Remove operator shaft retaining ring and set aside
3. Gently pull/slide operator shaft/knob assembly completely from operator body
4. Remove soft goods packing/retaining ring from groove in operator body
5. Remove packing (o-rings, washers, spring) from operator body
IMPORTANT: note order/stacking sequence of each component for re-assembly
6. Thoroughly clean entire operator body of all grease and debris
7. Lightly coat new packing o-rings, washers, & spring with vacuum grease
8. Install new packing components into operator body in order/sequence originals were removed, being careful not to nick or mark o-rings and washers
9. Install new packing retainer
10. Lightly grease ramp area of operator shaft/knob assembly with vacuum grease and proceed to re-install down through new packing
Do not force!! You might have to twist it while applying pressure to engage shaft through packing, use caution not to damage packing!!
11. Install new shaft retaining ring
12. Re-install lower brass nut and ferrule with new o-ring
13. Operator shaft might need additional vacuum grease for smooth operation

If needed, the operator can be returned to the factory to have packing replaced.
Call 908.686.3636

*EXCEPT the V1088-1142 operator



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sales@cryocomp.com ▼ 276.728.2064 ▼ www.cryocomp.com

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