

HOW TO REPLACE STUFFING-BOX SEALS

- 1) Push out cartridge from seal block.
- 2) Remove two outside O-rings.
- 3) Remove rod wiper. Use pick tool to snag seal and pull from groove.
- 4) Flip cartridge over. Use small, thin-blade screwdriver to remove split (retaining) ring.
- 7) Soak cartridge in paint thinner 30 minutes.
- 8) Clean grooves with fine wire brush; be careful to avoid marring.
- 9) Soak in green or orange grease cutter 30 minutes.
- 10) Rinse thoroughly with water.

For V-Stack™ cartridge only:

- 5) With same screwdriver, remove Variseals and Hat Rings.
Go to Step 7

For Hat Ring® cartridge only:

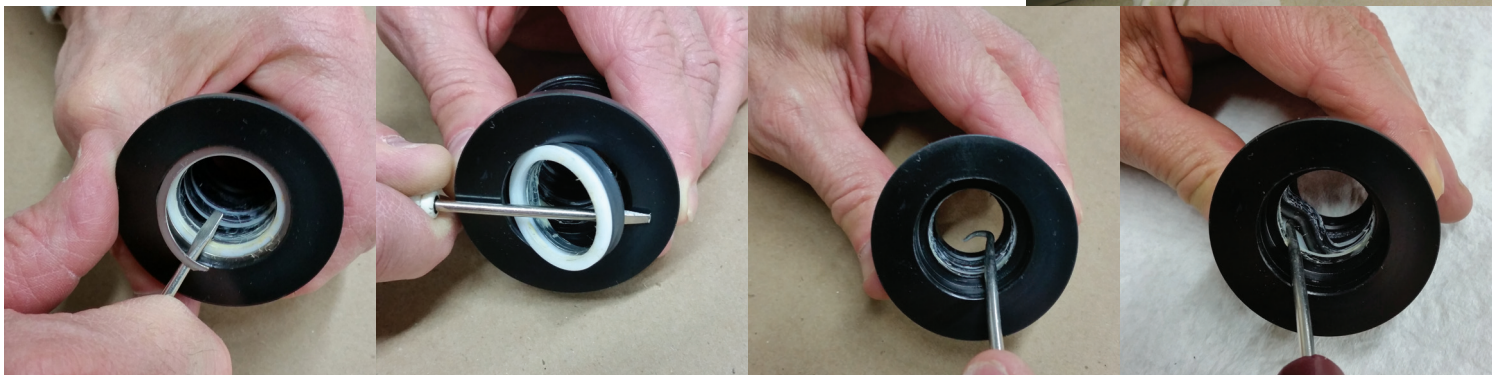
- 5) With same screwdriver, remove Variseal and Hat Ring.
- 6) Using dental-style pick tool, remove X-rings, backup rings
Go to Step 7

- 11) If cartridge not fully clean, repeat steps 8-10. Dry.
- 12) Install new seals in inverse order from above - refer to cartridge drawing.
- 13) Push clean cartridge back into block.



NOTE: A Blackhawk technician will replace seals and clean cartridges in our factory at low cost with quick turnaround, returned good as new:
 630-469-4916
 dparison@blackhawkco.com.

Replace clean cartridge



Remove split ring

Remove Variseal(s)

Pick tool

Pull X-rings

Fact Sheet #16