



# REXPO

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## High Cycle Insta 2 On/Off Valve Repair Kit Manual (010200-1)

*This kit includes one of each of the following:*

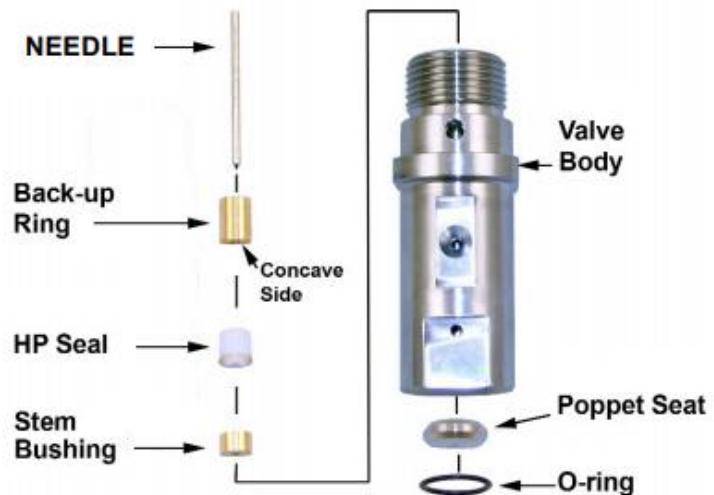
- Poppet Seat (11141/04003-1)
- Valve Seal (001328-1)
- O-ring (A-0275-14)
- Poppet Needle (11275-10105-1)
- Seal Back-up Ring (003832-1)
- Bushing Stem (003838-1)
- Dowel Rod

*Not included: AccuGoop (11448)*

**NOTE:** *The valve kit components can be replaced with the valve body in the collar.*

### Kit installation procedure:

1. Turn off all water pressure to the valve.
2. Turn the on/off valve on to remove any pressurized water still in the valve.
3. Unscrew the actuator from the top of the valve body.
4. Unscrew the nozzle tube from the valve body.
5. Remove the old valve components from the body; the dowel rod can facilitate this.
6. Before replacing any components, thoroughly clean the interior of the valve body.
7. Insert the bushing stem into the top of the valve.





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8. Apply an O-ring lubricant to the OD of the HP valve seal. Use tweezers to install the seal and O-ring with the O-ring side of the seal down into the valve body.
9. Push the seal into the valve body using the dowel rod.
10. Insert the back-up ring concave side down behind the seal and push down until the back-up ring is flush with the top of the bore.
11. Insert the needle into the top of the valve body and use the seal tool to push the stem until it passes through the seal.
12. Apply AccuGoop to the entire top of the poppet seat to prevent galling and assist the seat and poppet stem at startup.
13. Load the O-ring behind the seat; this will hold the poppet seat in place.
14. Apply AccuGoop to the threads of the valve body and screw the actuator back onto the valve body until it bottoms out.
15. Reconnect the airline to the top of the actuator.
16. Apply AccuGoop to the top of the nozzle tube.
17. With the actuator turned on, thread the nozzle tube into the bottom of the valve body and torque the nozzle to the seated position.
18. Turn the air to the actuator off to seat the stem into the poppet seat.
19. Apply water pressure to the valve assembly to verify that there are no leaks.
20. Quickly cycle the valve on and off a few times to purge the system of all contaminants before installing the cutting head.
21. Reinstall the cutting head and continue to the cutting process.