



On/Off Valve Kit Insta 1 Manual

#11146

On/Off valve repair kit

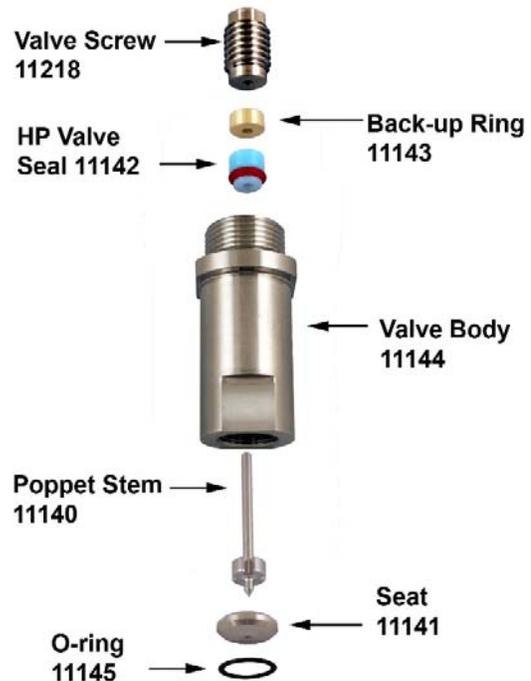
Valve repair kit **11146** contains one each of the following:

11141 Seat	11140 Poppet Stem
11142 HP Valve Seal	11143 Seal Back-up Ring
11145 O-ring	Dowel Rod

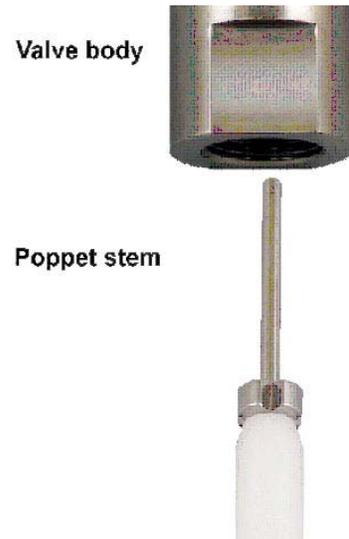
NOTE: The valve kit components can be replaced with the valve body in the collar.

Kit installation procedure:

1. Turn **OFF** all water pressure to the valve.
2. Turn the On/off valve **ON** to make there is no pressurized water 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 be used.
6. Before replacing, any components thoroughly clean the interior of the valve body.
7. Apply an o-ring lubricant to the OD of the HP valve seal. Use tweezers to install the seal with the o-ring side of the seal down into the valve body.
8. Push the seal into the valve body using the dowel rod.
9. Insert the back-up ring behind the seal and push down until the back-up ring is *flush* with the top of the bore.
10. Reinstall the Valve screw 11218 into the valve body by turning the screw until it bottoms out.



11. Load the Poppet stem into the bottom of the valve body and use the dowel rod to push the stem until it passes through the seal.
12. Apply Accu-Goop to the top of the Poppet Seat to help seat the poppet stem at start up.
13. Load the o-ring behind the seat; this will hold the poppet seat in place.
14. Screw the actuator back onto the valve body until it bottoms out.
15. Reconnect the airline to the top of the actuator.
16. Apply Accu-Goop 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.