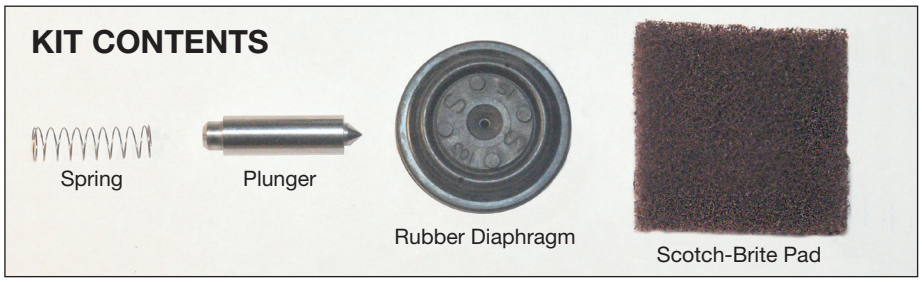
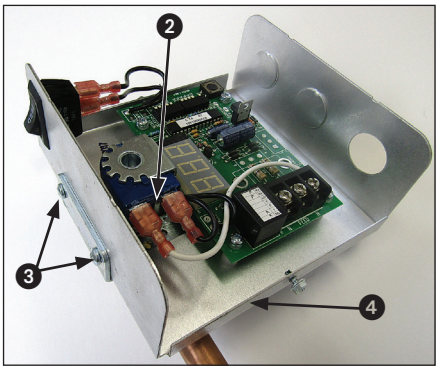
Feed Valve Service Kit

Part Number 45-345

Instructions for Parts Replacement



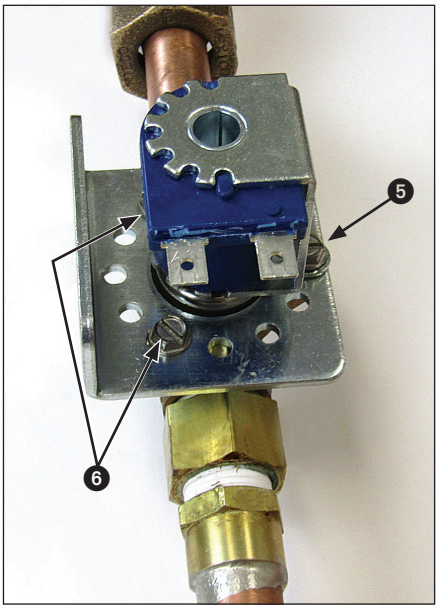
1. Turn off water and power to control.



2. Remove wires from solenoid.

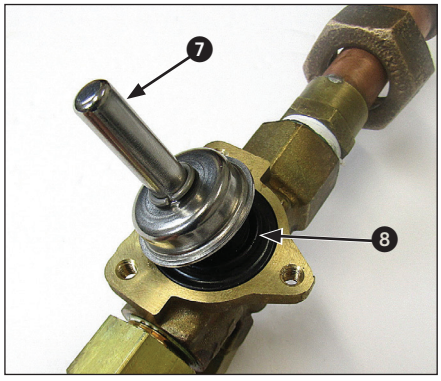
3. Remove two valve mounting screws on outside of bracket.

4. Lift and remove feeder from the solenoid valve. Place feeder in a location where it cannot get wet during valve service.



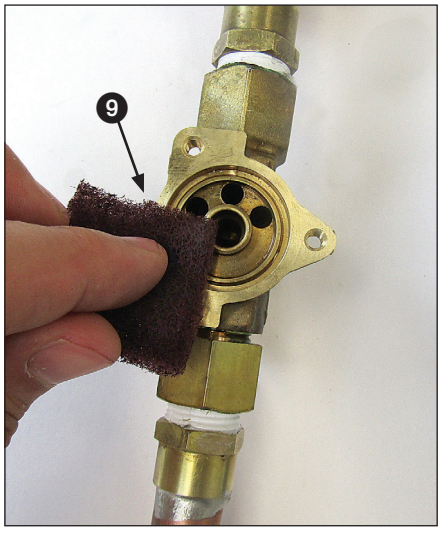
5. Remove hex screw and washer and lift the solenoid from the valve.

6. Remove remaining two hex screws.



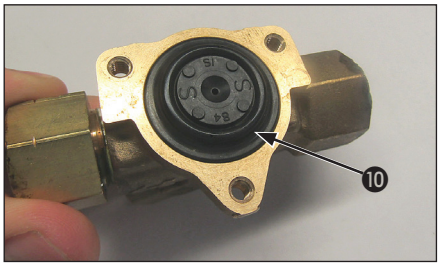
7. Remove the cap and discard the old spring and plunger (which often fall out when the cap is removed). DO NOT DISCARD THE CAP.

8. Remove and discard rubber diaphragm.

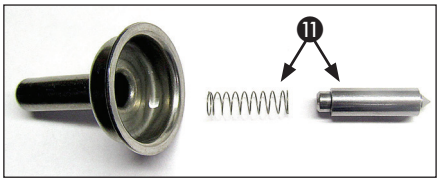


9. Clean interior of valve with the provided Scotch-Brite pad.

WARNING: **If the mineral deposits remain on the valve after cleaning, the valve should be replaced.**



10 . Replace rubber diaphragm with new one provided.



11. Insert the spring then the plunger back into cap. The flat side of the plunger should be touching the spring and the pointed side faces out.

12. Install the plunger assembly onto the rubber diaphragm.

13. Reinstall the bracket and secure it with the two hex screws. See step 6.

14. Replace solenoid and screw. See step 5.

15. Place the feeder back onto the bracket and secure with the two outer screws.

16. Plug wires back into solenoid.

17. Turn water back on and check for leaks.

18. Power up the control and run through two cycles to assure it is functioning properly. Check the water in the gauge glass to make sure valve is fully closed following feed cycles.

19. Once the valve is installed and tested, monitor the boiler water level in the gauge glass over several minutes to ensure valve is assembled properly and water is not leaking through the closed valve.

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