ODWH Water Valve Spring Replacement Procedure

**Tool needed:**
- Needle nose pliers
- ½ hex wrench
- Phillips screwdriver
- Marker

**Step 1.**
If the unit is not installed in a coach disregard this step. Verify the heater is not powered. Turn off water source and remove pressure from the system by opening a faucet.

**Step 2**
Mark the location of the gas slide. This is to ensure you return it to its proper location after spring installation.

**Step 3.**
Use the needle nose pliers to loosen the screws in the gas slide mounting bracket by grabbing the screw as pictured and rotating the pliers downward.

**Step 4**
Once you have loosened the screws holding the gas slide you will slide it into an upward positions as pictured.
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**Step 5**
Use the Phillips screwdriver to remove the front mounting screw from the pressure switch.

**Step 6**
Rotate the pressure switch in a clockwise motion ¼ revolution. This will provide space to remove the cap from the mod valve.

**Step 7**
Use you 1/2 “ wrench to remove the cap from the water valve as pictured above.

**Step 8**
After removing the cap you will notice a spacer in the water jacket this needs to be removed and the spring will below this cap. Remove the spring and replace with the spring you were provided.
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**Step 9**
After changing your spring be sure to reinstall the spacer and cap into the water jacket. The order of the components is pictured above. When screwing the water jacket cap back in place start by hand tightening to avoid cross threading.

**Step 10**
After hand tightening your water jacket cap by hand use your ½” hex wrench to fully tighten the cap.

**Step 11**
Rotate the pressure switch counter clockwise a ¼ turn to its original position. Then use your screwdriver to reinstall its mounting screw.

**Step 12**
Now slide the gas slide back down to the position that you marked earlier.
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Step 13
Next take your needle nose pliers and grab the screws on the gas slide clap as picture. Rotate the screw head in an upward motion until you have tightened each screw. Congratulations you have finished.
Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!

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