

Water Flow Servo Assembly REPLACEMENT INSTRUCTIONS

Kit Name	Water Flow Servo Assembly Replacement Kit
Kit Part Number and Compatible Rinnai Products	<ul style="list-style-type: none">• 107000647 - For use with SENSEI RX/RXP Condensing Tankless Water Heater Models• 107000648 - For use with SENSEI CX/CXP Condensing Tankless Water Heater Models

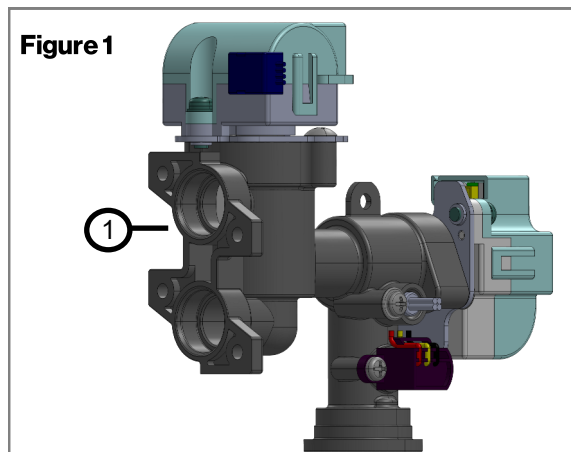
WARNING Failure to correctly assemble the components according to these instructions may result in electric shock, injury, or death.

Items Inside Product Box

Before you begin, please make sure all parts are located inside the product box.

Table 1

Item #	Item	Qty
1	Water Flow Servo Assembly	1



TOOLS/MATERIALS REQUIRED

- Phillips head screwdriver

The images in this document illustrate the RXP model, but the replacement process is the same for all SENSEI RX/CX Tankless Water Heaters.

Instructions

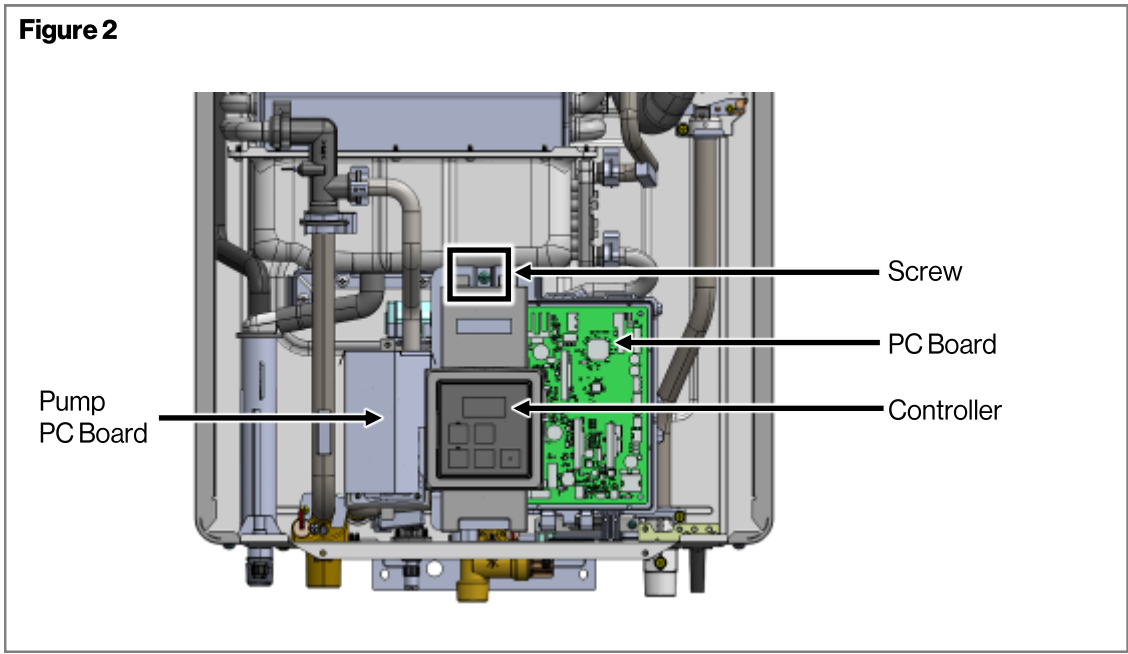
IMPORTANT

When following the instructions in this document, inspect any existing O-rings carefully, taking care not to scratch, damage, or misplace the O-rings.

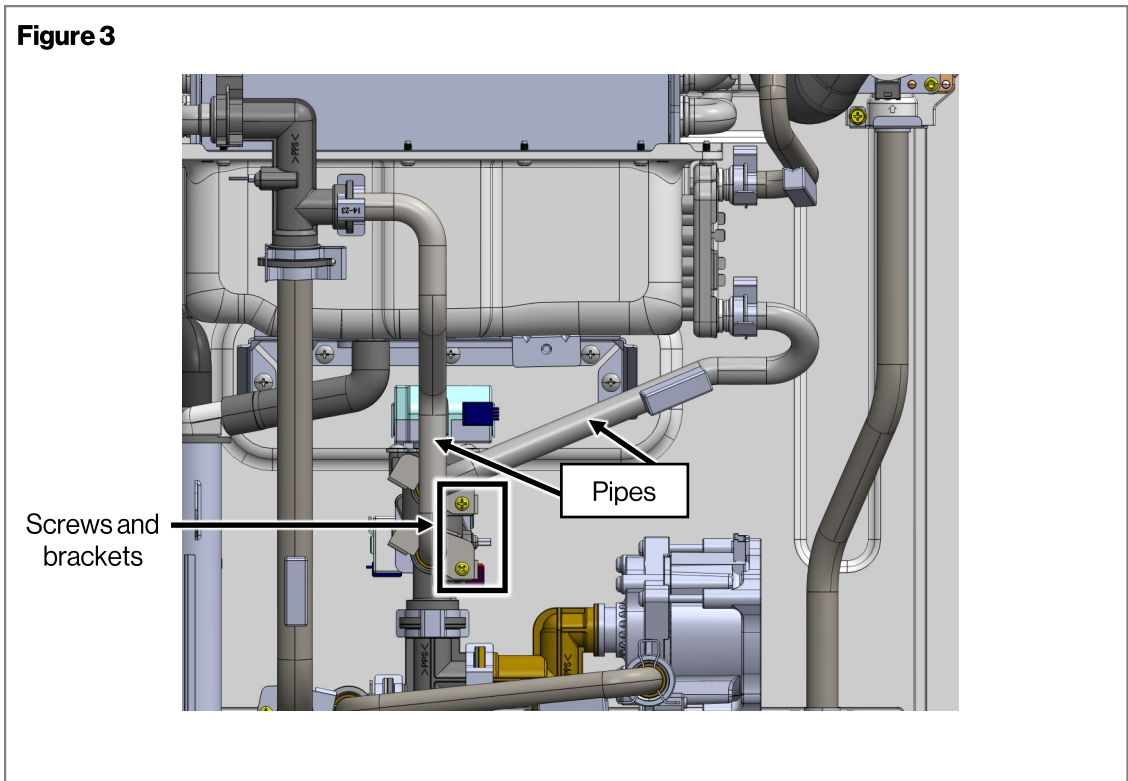
Step 1: Disassemble Unit and Replace Water Flow Servo Valve

1. Turn off and disconnect 120 V power supply.
2. Turn off water supply.
3. Turn off gas supply.
4. Remove front panel by removing two screws and releasing two latches (refer to Water Heater Installation and Operation Manual for detailed instructions).

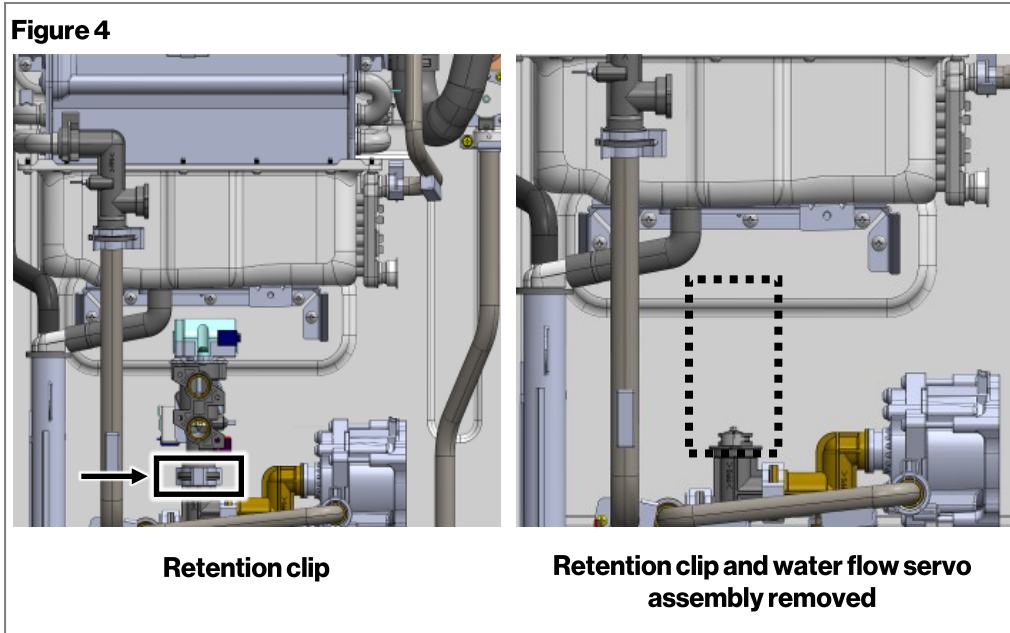
5. Remove one screw securing PC Board to unit. Remove controller, PC board and pump PC board (pump models only) from their location and let them rest next to the water heater (Figure 2).



6. Remove two screws and brackets located at front of water flow servo assembly. Rotate pipes so that existing water flow servo assembly can be removed (Figure 3).



7. Remove one retention clip securing water flow servo assembly. Remove water flow servo assembly and disconnect all connectors attached with the water flow servo assembly (Figure 4). Figure 4 does not show pipes for clarity.



Step 2: Reassemble Unit

1. Place new water flow servo assembly into water heater and secure with one retention clip (Figure 4). Connect all connectors attached with the water flow servo assembly.
2. Reconnect pipes in front of water flow servo assembly, securing them with two brackets and screws (Figure 3).
3. Remove two clear motor covers from the old water flow servo assembly, and install those covers into the new water flow servo assembly.
4. Install controller assembly and PC Board and pump PC Board (pump models only) to unit using one screw to secure it (Figure 2).
5. Reconnect and turn on 120 V power supply, water supply and gas supply.
6. Perform leak detection test for water.
7. After all checks are successfully completed, reinstall front cover using two screws and two latches to secure it in place.

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