

Low-Profile Tsunami Water Valve Kit Installation Instructions

As a result of ongoing improvements to our products the components that you are replacing may differ slightly from the new components.

The replacement components have been optimized to improve the efficiency of your cleaning system.

1. With the pump shut OFF, remove the band clamp from the water valve and lift off the clear lid.
2. Remove the O-ring and **all** the internal parts.
3. Clean out any debris or bits of sand that may be in the water valve then install the large stainless steel anti-friction washers over the center shaft. (The T valves will have to be raised and held in vertical positions while the anti-friction washers are slid down the center shaft.)
4. Remove the cam from the assembled gear plate (see **Figure 1**) and, while lifting three of the T valves, slide the cam down the center shaft. Let the three T valves drop down on the cam, then position the cam so that only one T valve is raised and resting on the cam (see **Figure 2**).
5. With the stainless steel shims in place on the center shaft post of the gear plate, install the gear plate by setting it down over the center shaft.
6. Allow the center shaft to come out the center shaft post and through the stainless steel shims (the shims cannot be installed after the gear plate is in place).
7. Rotate the gear plate so that the square end of the center shaft post is resting directly over the square opening in the cam. (See **Figure 3**)
8. Push the gear plate down to engage the square post with the square hole in the cam; push until it snaps into place.
9. Install the impeller.
10. Install the new O-ring in the clear lid.
11. Replace the clear lid then replace the band clamp.
12. When tightening the band clamp, tap around the perimeter of the band clamp as it is being tightened. Continue tapping and tightening until the band clamp knob is snug. **Hand tighten only! Do not use pliers or vice-grips!**

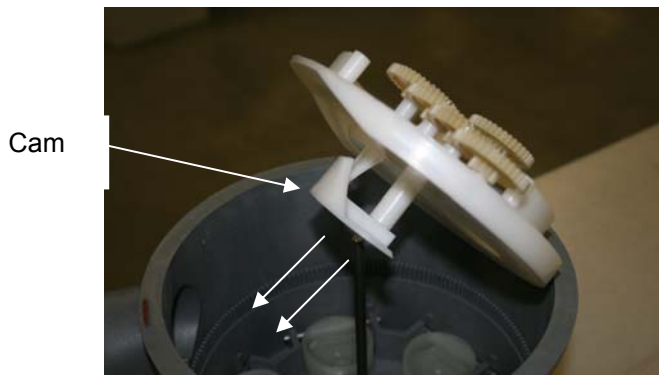
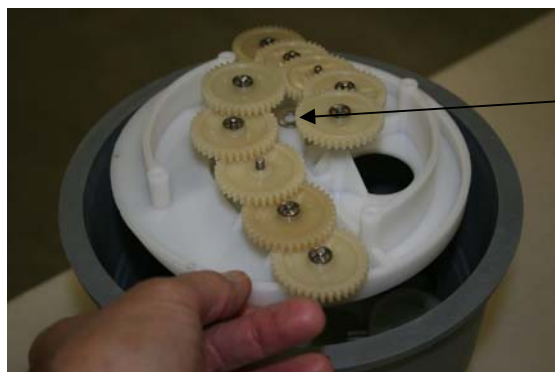


Figure 1

Remove the Cam from the gear plate assembly by pulling it straight DOWN from the support shaft.



Figure 2



The 2 Stainless Steel Shims (washers) must be in place before the center shaft comes through the gear plate center post.

Figure 3

Using The QuikStop (Pause Control) & the valve speed control

To use the QuikStop pause control, raise the black lever on the valve lid to the full vertical position so that it locks in place. This will pause the cycle of the Water Valve and the Cleaning Heads in the pool. To restart the Water Valve, return the lever to its original horizontal position. (See Figure 5).

To adjust the rotational speed of the valve the clear lid can be rotated clockwise to slow the valve and counterclockwise to speed the valve. (See Figure 4). For optimal cleaning efficiency the valve speed should be adjusted as slow as possible without causing the valve to stall.

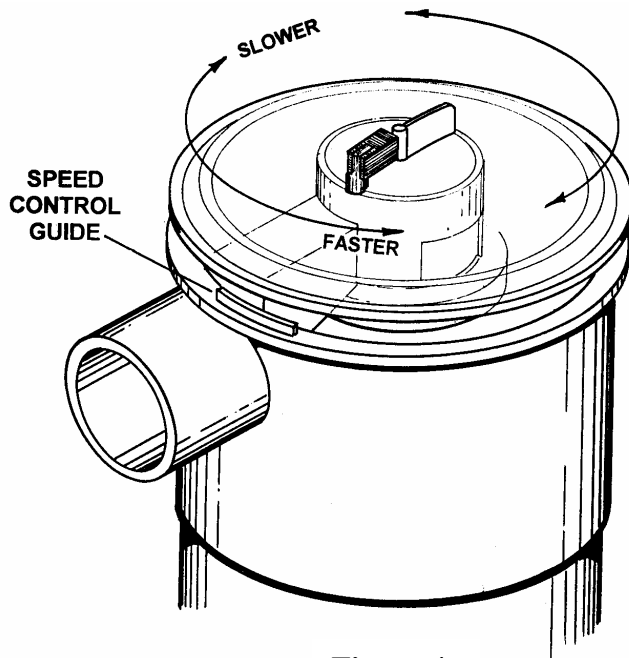


Figure 4

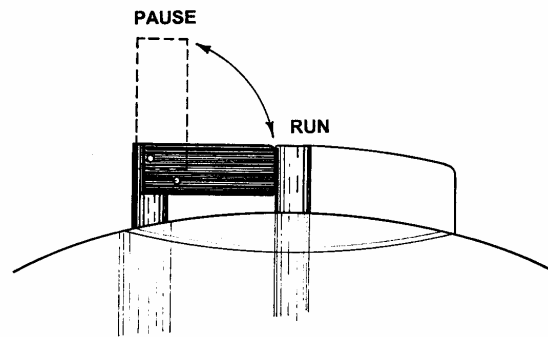


Figure 5