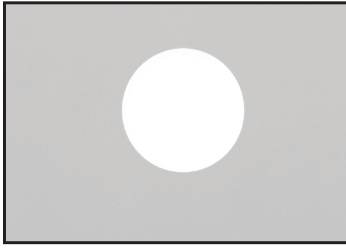
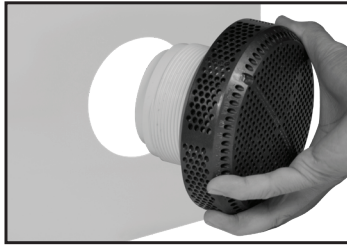


LOAD WASHER INSTRUCTION SHEET

The following instructions illustrate Waterway's Load Washer Suction. All other Load Washer products will require the same installation procedures. Please see reverse side of page for specific hole saw sizes and torque specifications.



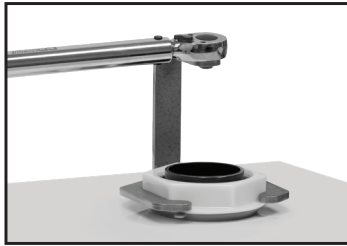
1. Find a flat surface that is larger than the fitting flange. Drill the proper size hole through spa wall. Clean debris on both sides of the hole.



2. Insert the suction wall fitting with gasket through the hole of the spa. No spot facing or silicone is necessary.



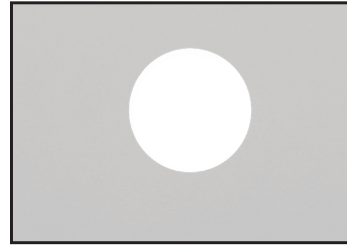
3. Ensuring the fitting with gasket are flat against the spa wall and centered within the hole, add the Load Washer ring to the back so the cone locates into the hole.



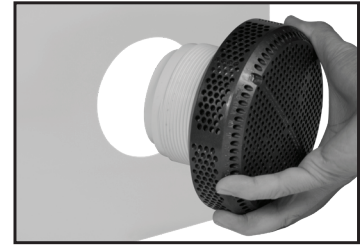
4. Apply the nut and hand tighten, then torque the nut to specification.

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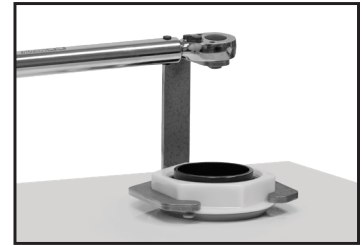
1. Find a flat surface that is larger than the fitting flange. Drill the proper size hole through spa wall. Clean debris on both sides of the hole.



2. Insert the suction wall fitting with gasket through the hole of the spa. No spot facing or silicone is necessary.



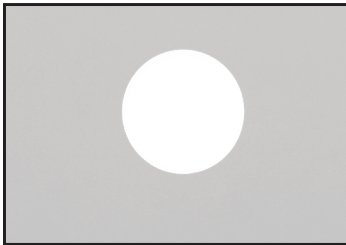
3. Ensuring the fitting with gasket are flat against the spa wall and centered within the hole, add the Load Washer ring to the back so the cone locates into the hole.



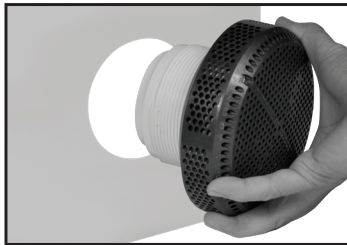
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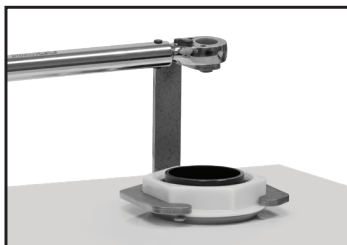
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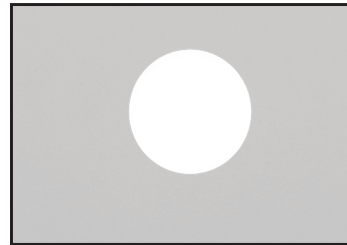
3. Ensuring the fitting with gasket are flat against the spa wall and centered within the hole, add the Load Washer ring to the back so the cone locates into the hole.



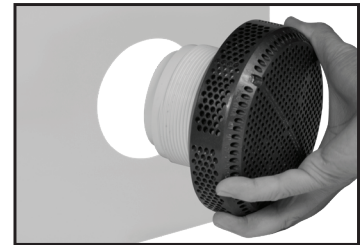
4. Apply the nut and hand tighten, then torque the nut to specification.

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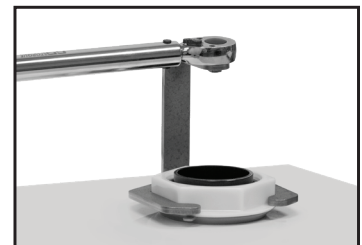
1. Find a flat surface that is larger than the fitting flange. Drill the proper size hole through spa wall. Clean debris on both sides of the hole.



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LOAD WASHER INSTRUCTION SHEET

Please note the following:

- These are the maximum recommended torque ratings for the most challenging installations. You can always apply less force depending on the application, wall thickness variations, and hole saw variations.
- Less torque will be required if silicone adhesive is applied on the threads. We have not established maximum torque ratings for use with silicone.

Load Washer Hole Saw and Torque Settings

Waterway Hole Saw Part No.	Load Washer Component Description	Hole Saw Size Fraction	Hole Saw Size Decimal	Torque Setting
TW114	Hi-Flo Suction/ 1 1/2" Cartridge Mount Fittings	2 1/2"	2.500"	12 Ft lbs.
TW115	2" Cartridge Mount Fittings	3"	3.000"	26 Ft lbs.
TW110	All 5" Suction (Both 2" and 2 1/2")	3 7/16"	3.438"	28 Ft lbs.
TW116	Power Stream/10" Ultra Drain	5"	5.000"	40 Ft lbs.
TW067	Master Mssg. Rip Current Jets	6"	6.000"	50 Ft lbs.
TW112	Dyna-flow/Teleweir Skimfilters/Pressure Filters	7"	7.000"	80 Ft lbs.

Note: All tolerances for the hole saw sizes above are to be +0.050"/-0.000"



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