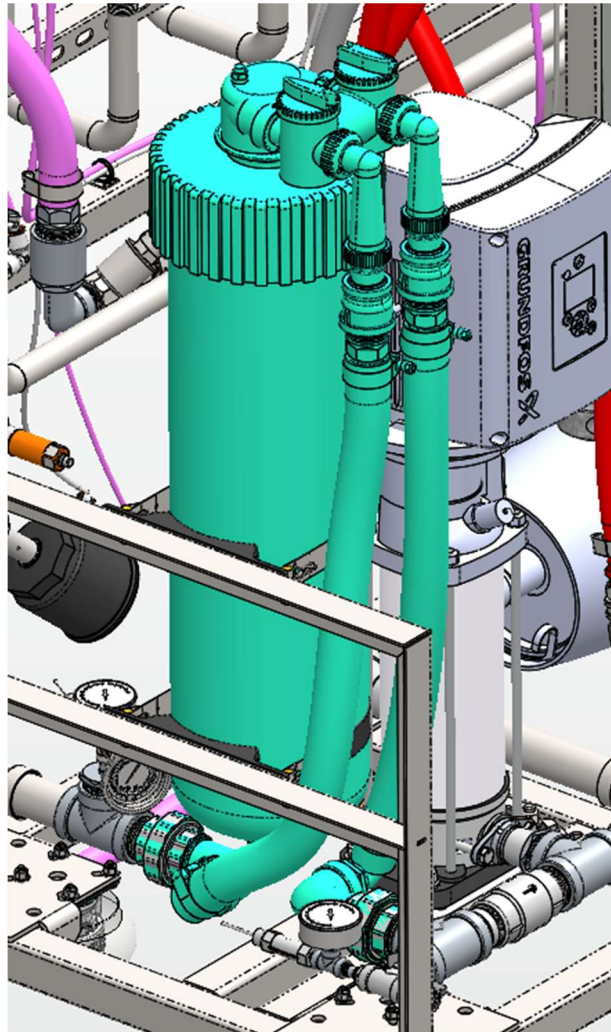


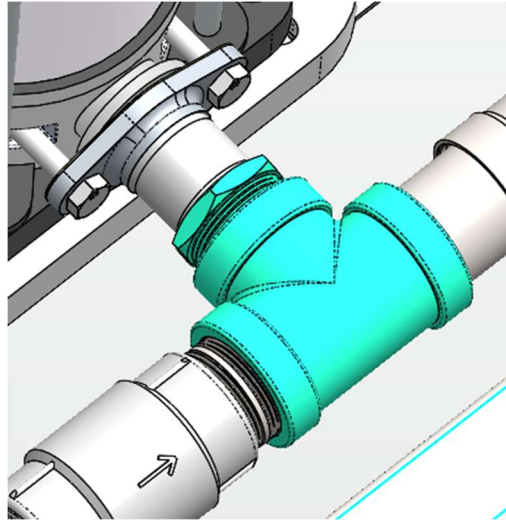


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40006 Clack Filter Retro Fit Installation



Step 1: Verify that the Water Treatment Center (WTC) has the same plumbing size at the current filter as the retrofit kit: 1-1/2" for P-WAT-3702-K or 1-1/4" for P-WAT-3705-K. The easiest way to tell the difference on the WTC is to look at the RO pump inlet for this threaded tee+reducer bushing that is present on the 1-1/2" plumbing version (1-1/4" version has a megapress tee and no reducer):



Step 2: Refer to the figure below for the assembly of the new retro fit tank, assembling items 1-5, 7 and 11. Note that item 7 on our tanks *should be removed and replaced* with P-WAT-2210 (V-3007 elbow with a 1" MNPT end). Leave items 8-10 loose. Do **NOT** install the tank base (#6).

PARTS

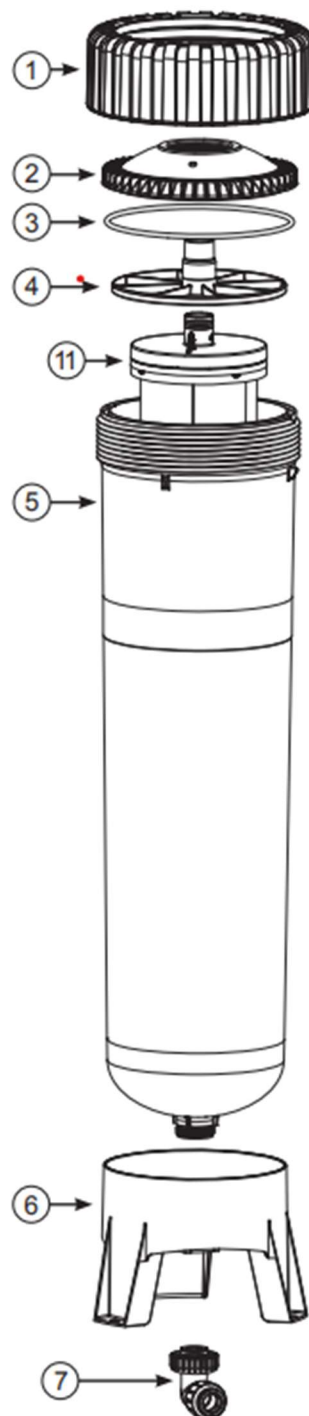
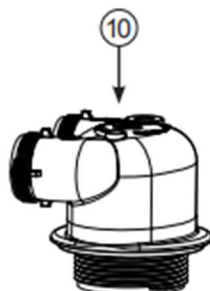
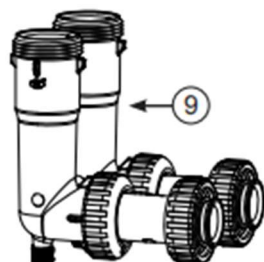
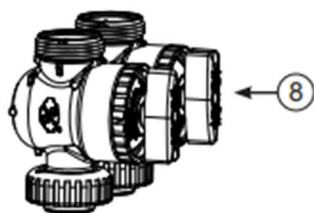
Cartridge Tank Parts

Drawing Number	Order Number	Description	Qty.
1	C3001	CT Nut	1
2	C3002	CT Cap 2.5 NPSM	1
3	C3022	O-Ring 370	1
4	C3004	CT 1.320 Center Adapter	1
5	C3000	CT Housing Body Black	1
	C3000-H	CT Housing Body CWS Dark Gray	
6	C3003	CT Tank Base	1
7	V3007-15*	WS1 Fitting JG QC Elbow Assembly	1

*includes two fittings

Optional Parts - Sold Separately

Drawing Number	Order Number	Description	Qty.
8	V3006	WS1 Bypass Assembly	1
9	V3007-21	Vertical Elbow Union Adapter Assembly	1
10	D1400-04	1191 1.320	1
11	See back page for Filters		1

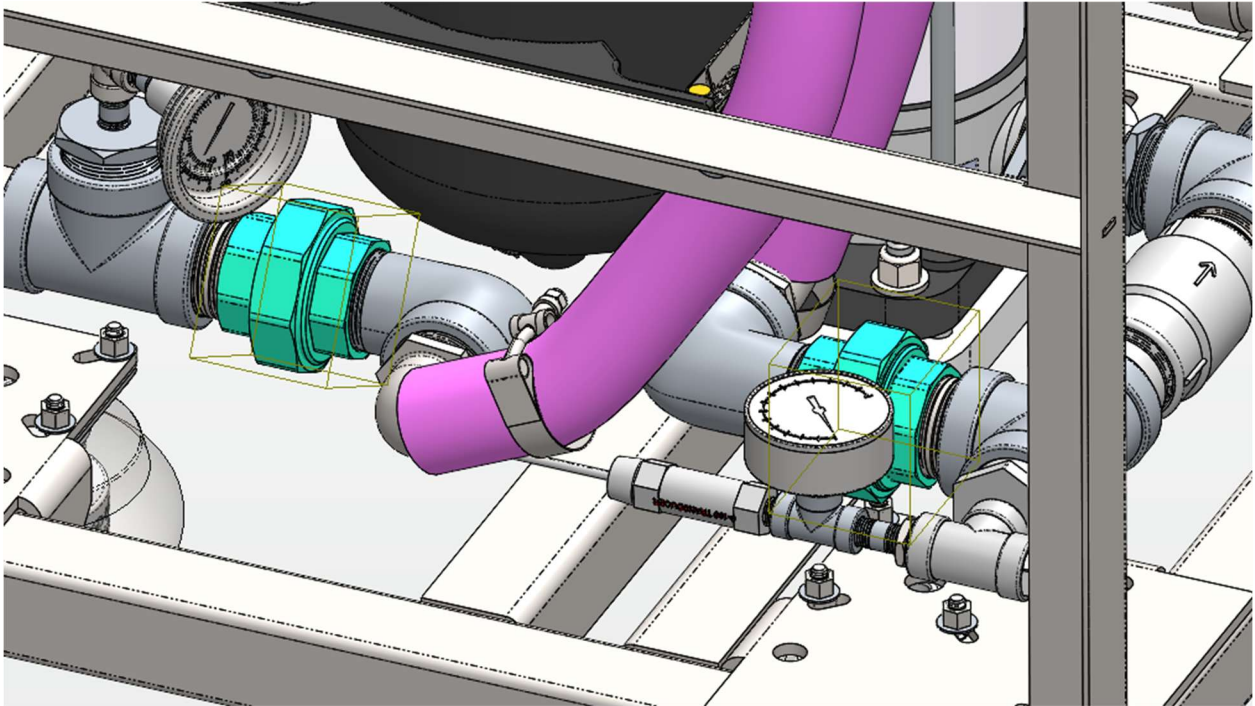


SHIP LOOSE SUBASSEMBLY



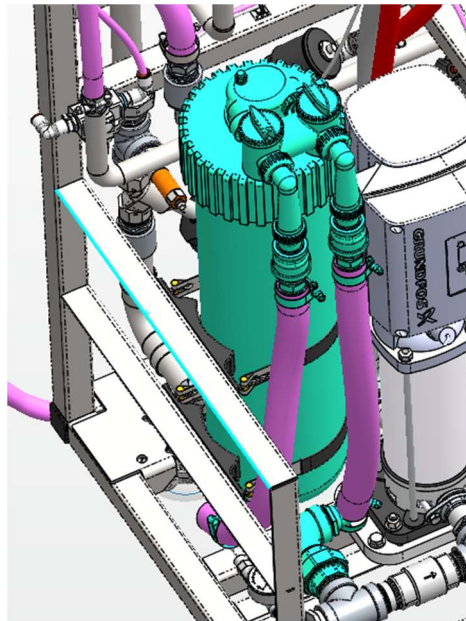
[illegible]

Step 4: Power off the WTC and loosen the unions on the existing filter inlet/outlet:

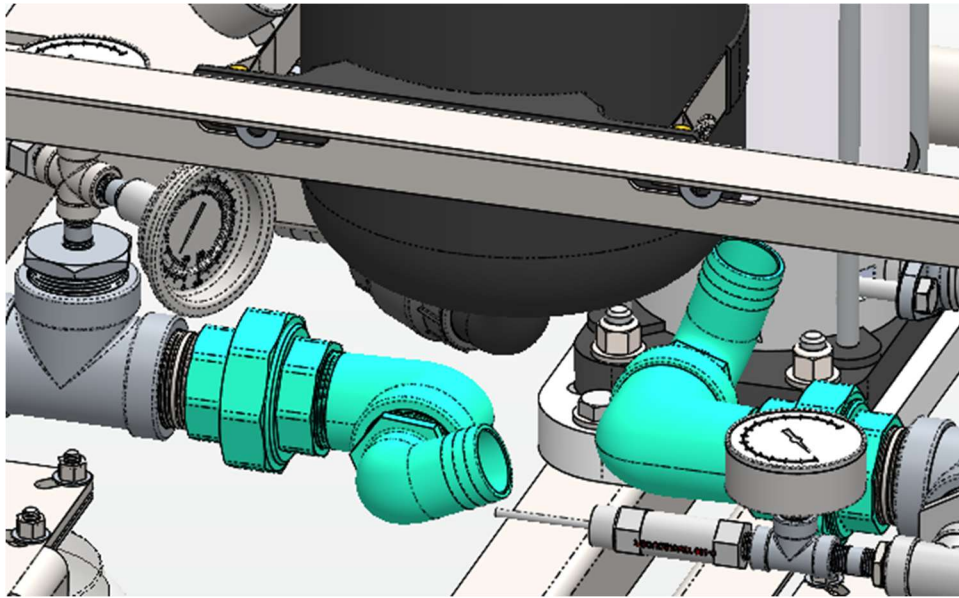


Step 5: Remove the existing filter (water will drain out of lines) by loosening the black straps holding the filter in place.

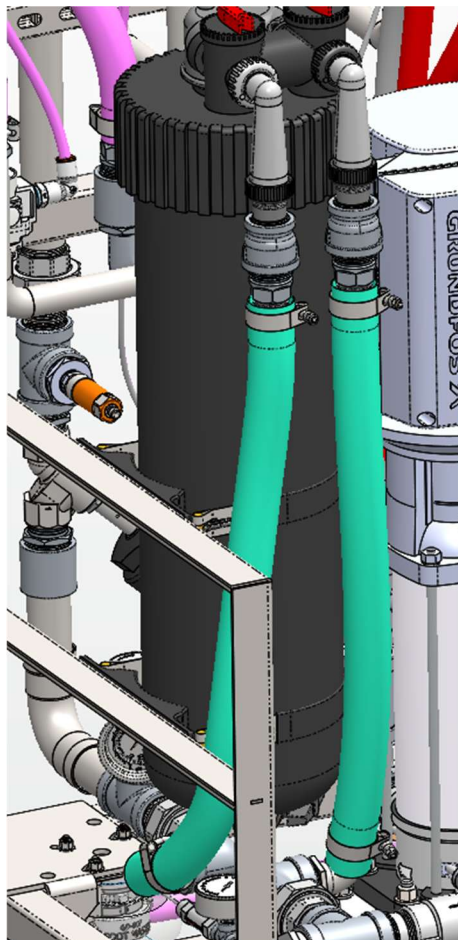
Step 6: Install the new filter housing in the same black straps. Ensure the filter head is pointing toward the front of the WTC:



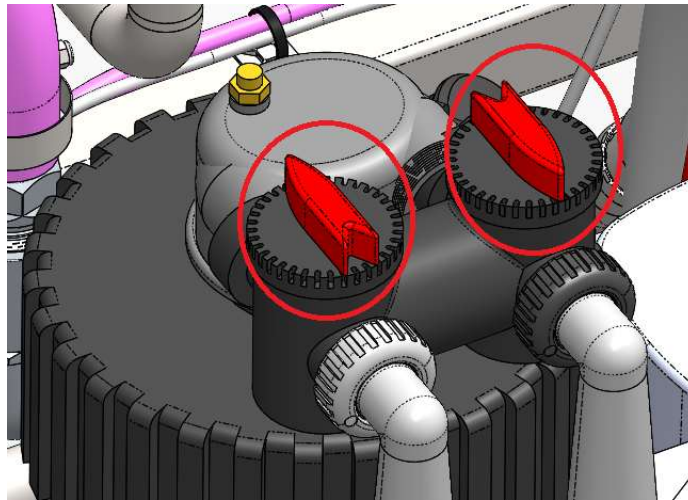
Step 7: Install the barbed elbow fittings with unions attached to the half unions left when the old filter was removed:



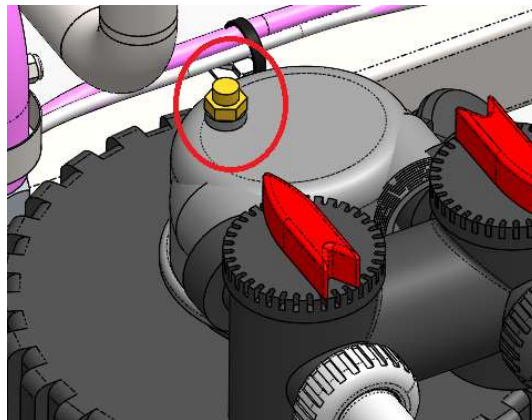
Step 8: Connect inlet/outlet barbs with 1-1/2" hose as shown below:



Step 9: ensure filter bypass valve arrows are oriented as shown:



Step 10: Loosen the brass thumb screw on top of the filter:



Step 11: Turn on WTC power and set RO to Purge mode.

Step 12: Tighten the brass thumb screw when water begins to seep out of it.

Step 13: Let the Purge cycle finish.

If you have any questions, please reach out to either Client Services or Equipment Support

Client Services – 616-795-4893

clientservices@tommycarwash.com

Equipment Support – 616-795-4893

Support@tommycarwash.com