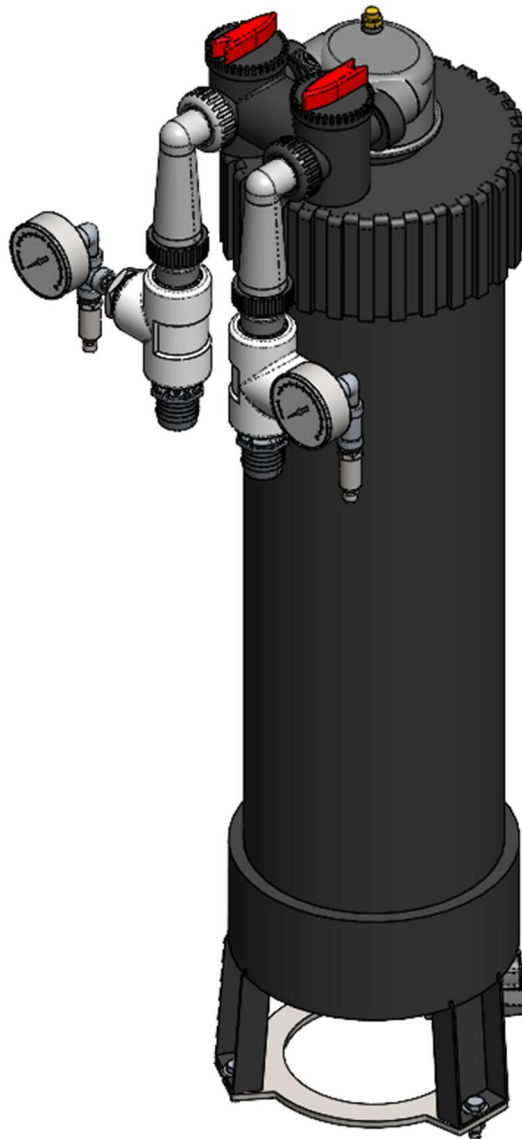




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40016 Clack Retro Fit Installation



Step 1: Refer to the figure below for the assembly of the new retro fit tank. Note that item 7 on our tanks *should be removed and replaced* with P-WAT-3707 (V-3007 elbow with a 1" MNPT end).

PARTS

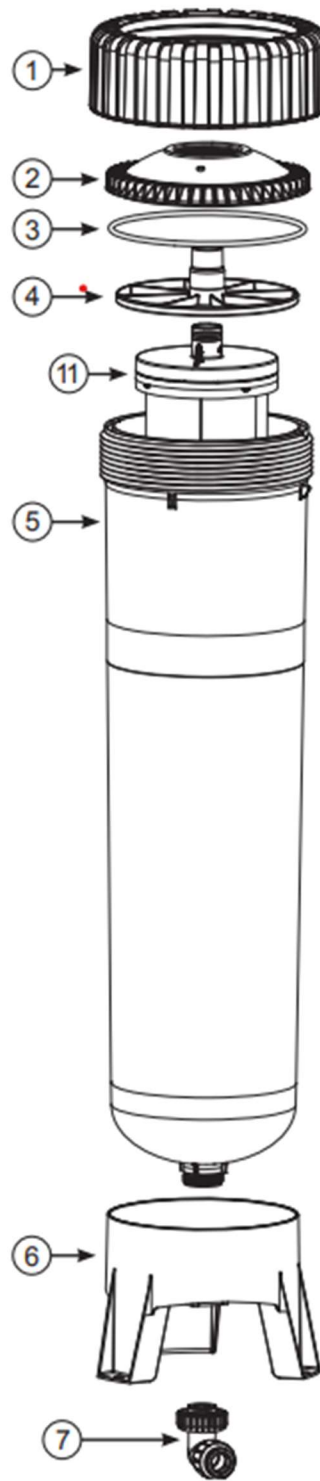
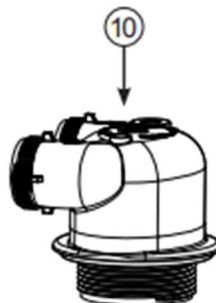
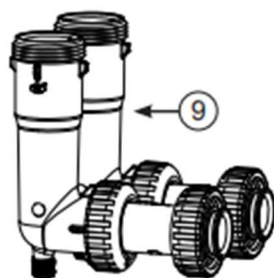
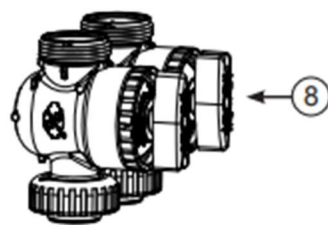
Cartridge Tank Parts

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

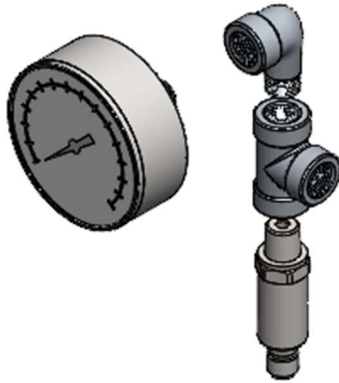
*includes two fittings

Optional Parts - Sold Separately

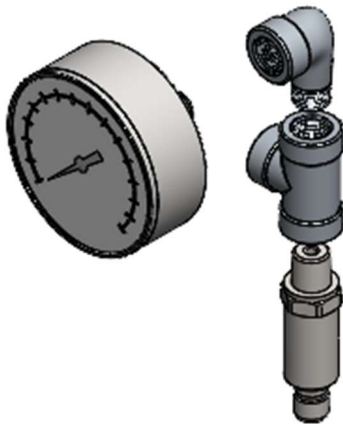
Drawing Number	Order Number	Description	Qty.
8	V3006	WS1 Bypass Assembly	1
9	V3007-21	Vertical Elbow Union Adapter Assembly	1
10	D1400-04	1191 1.320	1
11	See back page for Filters		1



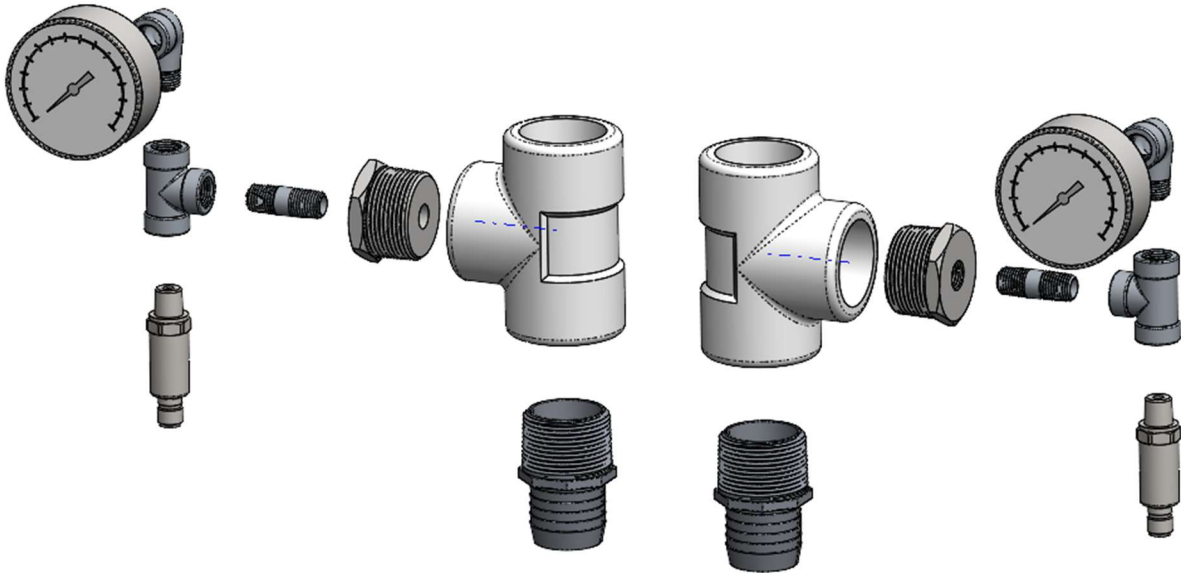
Step 2: Assemble water pressure gauge and pressure transducer to 1/4" tee as shown. Use thread tape and thread sealant on all threaded connections.



Step 3: Repeat step one with 1/4" tee reversed as shown.

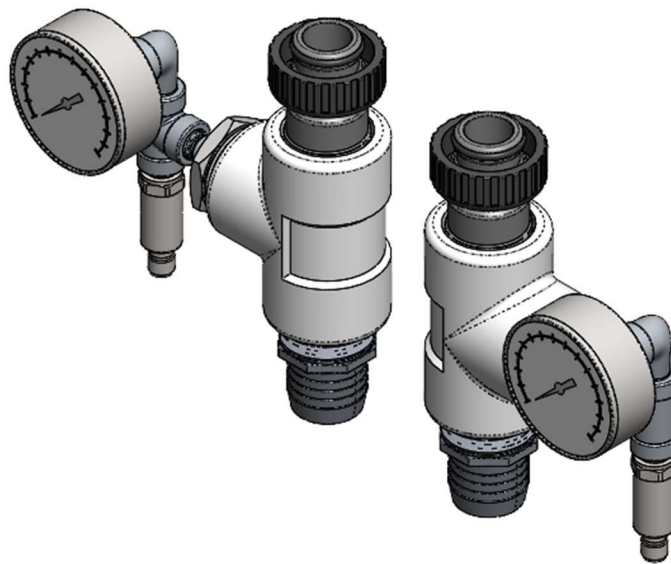


Step 4: Using the 1/4" close nipples and 1-1/4" x 1/4" reducers, connect both gauge assemblies to the side of both 1-1/4" tees as shown. Then connect the 1-1/4" hose barbs to the bottom both tees. Use thread tape and thread sealant on all threaded connections.

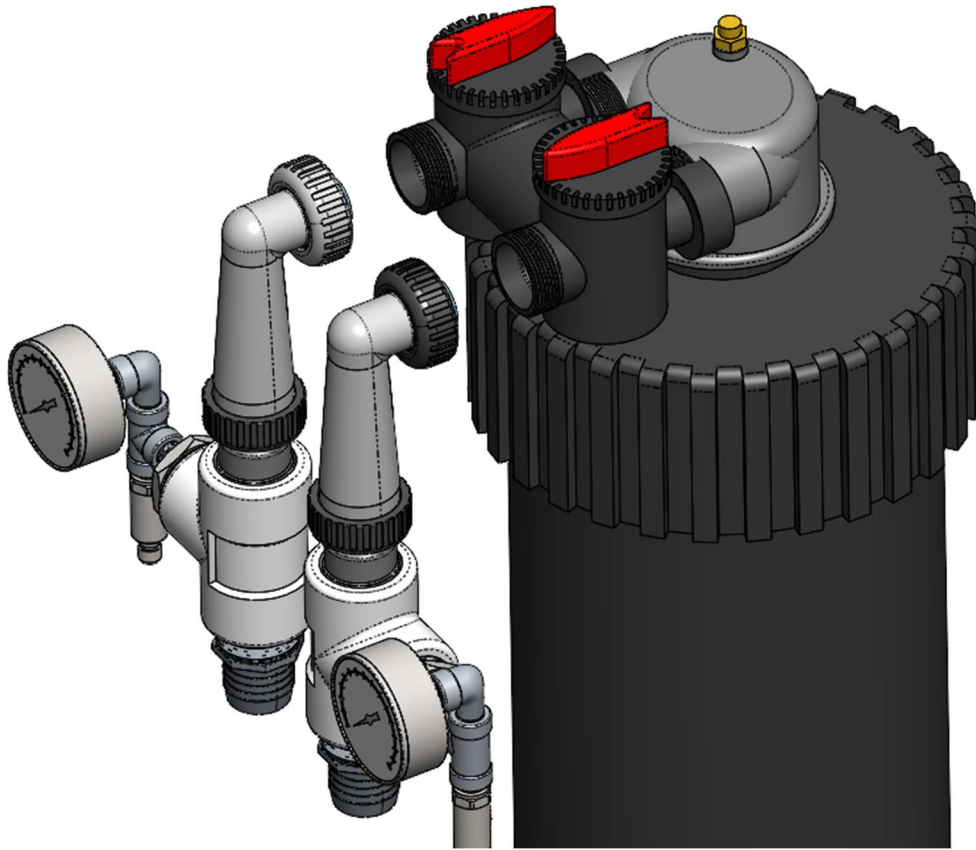


Step 5: Install WS1 nut, split ring, and O-ring on each WS1 fitting.

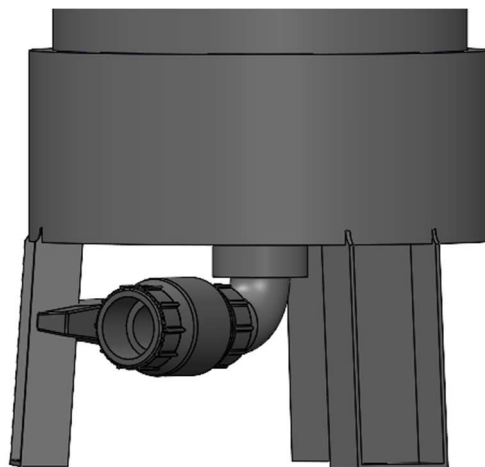
Step 6: Use thread tape and thread sealant to connect the WS1 fittings to the top tee connections as shown.



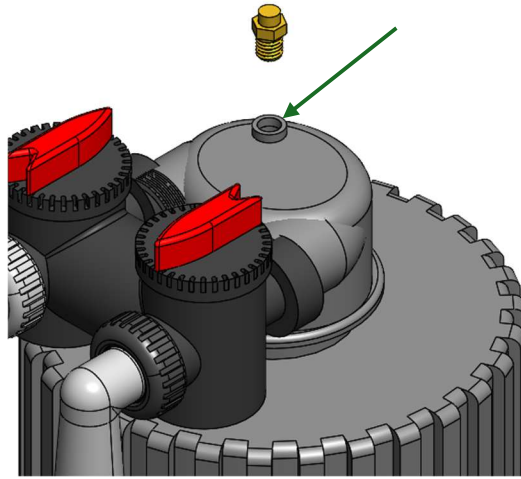
Step 7: Install the bypass assembly to the tank head, then use the WS1 elbow adapters to connect the manifolds as shown. Quick connect threads do not require thread tape or sealant.



Step 8: Remove the pre-installed elbow on the bottom of the tank and install P-WAT-3707 elbow and 1" ball valve to the bottom of the tank.



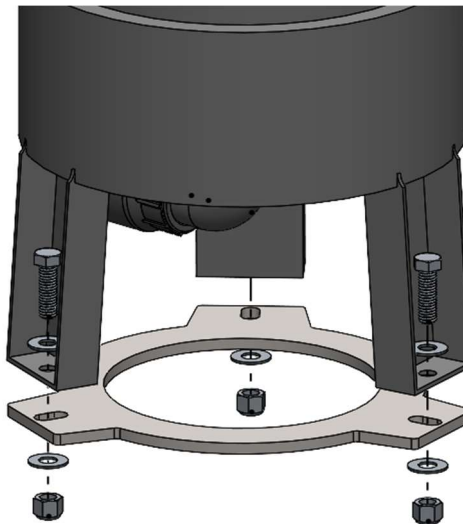
Step 9: Remove bleeder valve cap from tank head and drill a hole through the top surface before replacing cap.



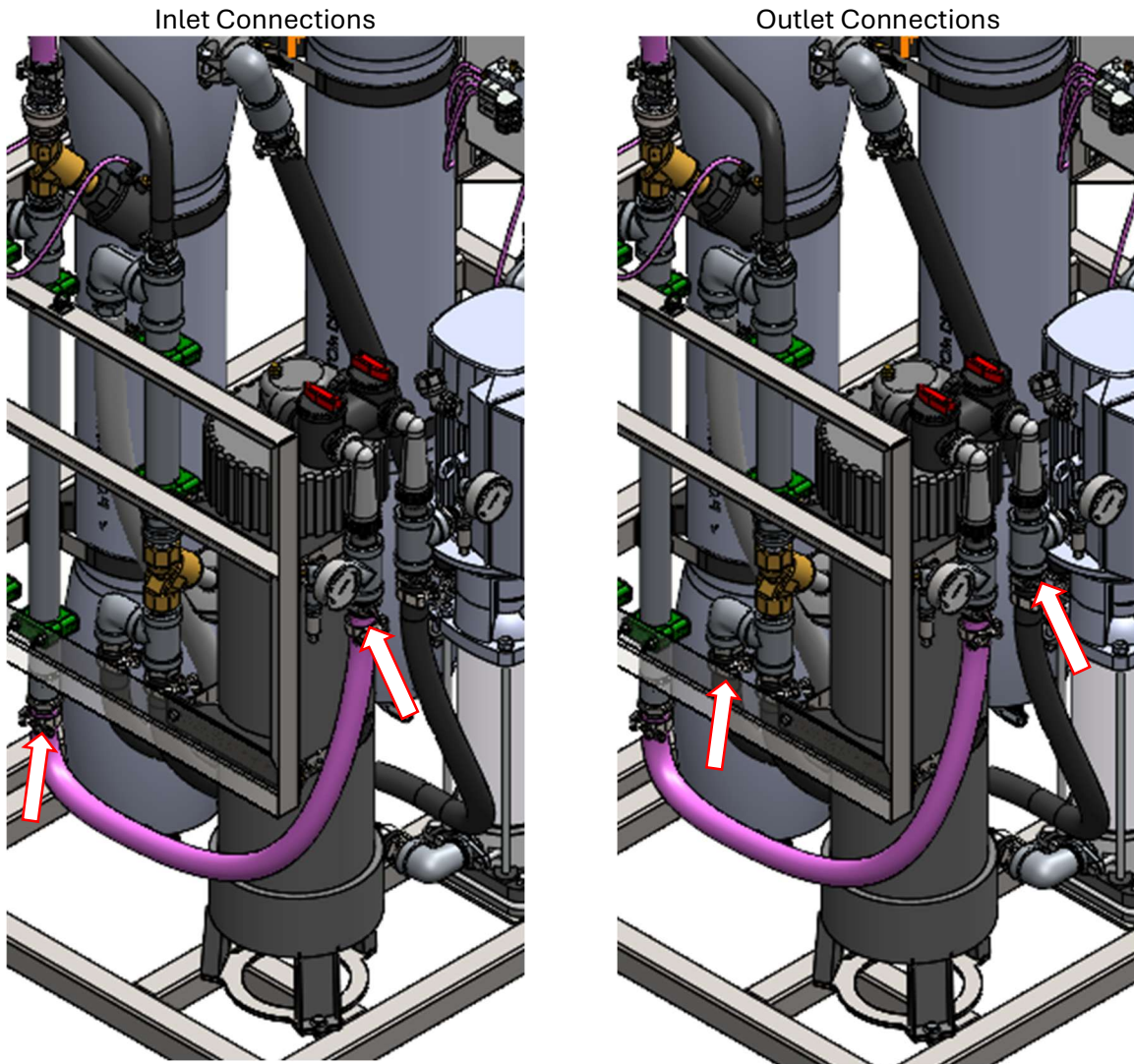
Step 10: Shut off power to the RO system and cut off waterflow to the current sediment filter.

Step 11: Remove the current sediment filter by disconnecting all hose and wire connections and removing side straps.

Step 12: Install the new tank onto the base plate using 3/8-16 x 1-1/4" screws with the corresponding washers and lock nuts.



Step 13: Connect the inlet and outlet hoses to their respective locations as shown below.



Step 14: Reconnect pressure sensors in the same inlet/outlet orientation as before using the EVT-001 cables.

If you have any questions, please reach out to either Client Services or Equipment Support
Client Services – 616-795-4893
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Support@tommycarwash.com