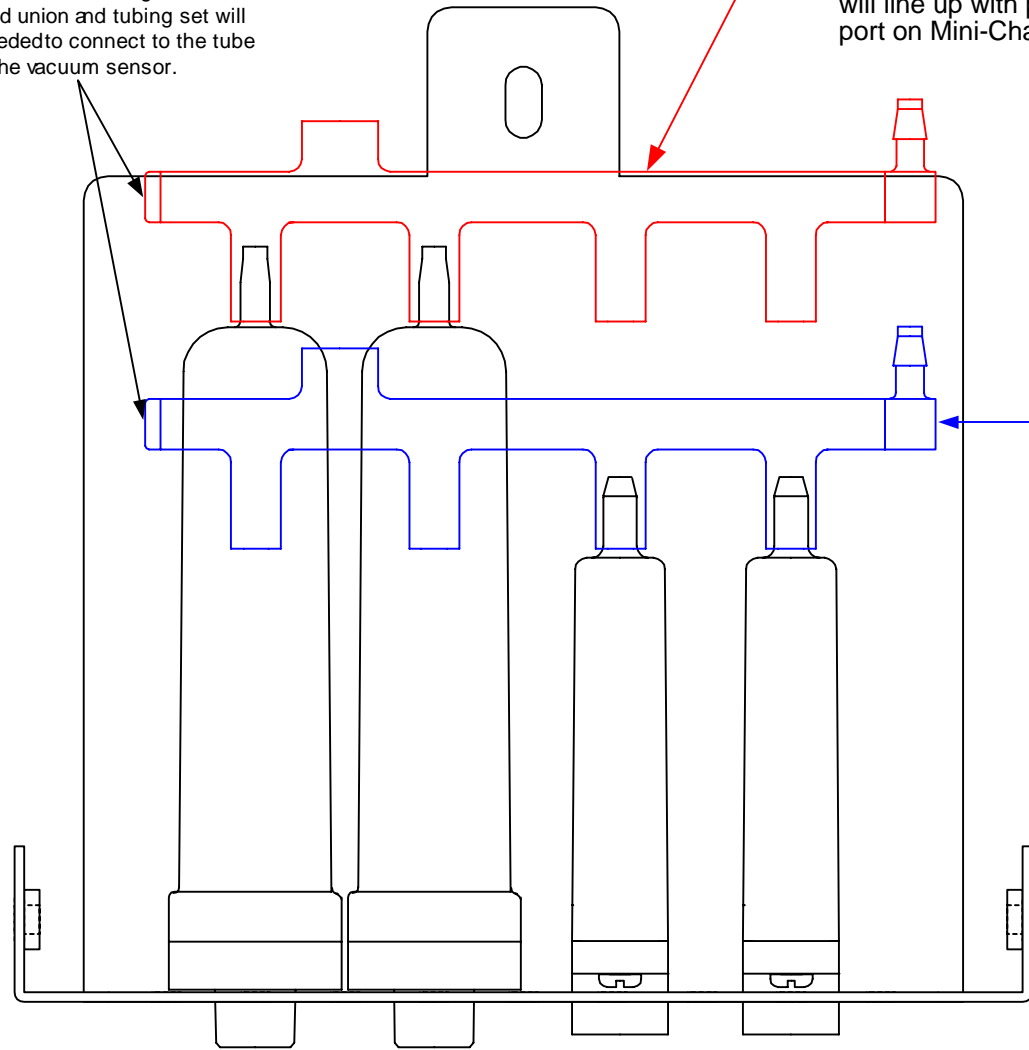


Note: On Pre 2002 models a second elbow fitting is located on the opposite end of the vacuum manifold, in place of the plug shown on this drawing, and a second union and tubing set will be needed to connect to the tube from the vacuum sensor.

Original Waters 4(5) Place Manifold. If mixing original Waters chambers and Mini-Chambers a 1/8" x 1/8" I.D. barbed union and additional 1/8" I.D. Santoprene tubing lengths will be needed to reach Mini-Chamber vacuum ports, top port of Mini will line up with ports on Waters chamber. Second vacuum port on Mini-Chambers will need to be plugged.

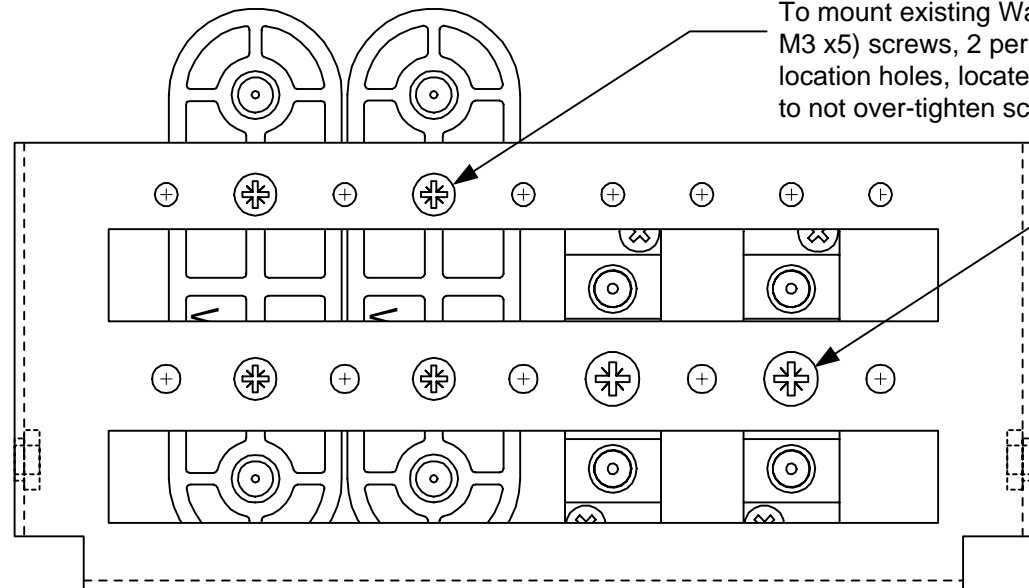


If replacing all original chambers with Mini-Chambers a 1/8" x 1/8" I.D. barbed union and an additional 1/8" I.D. Santoprene tubing length will be needed to reach the original vacuum line from the vacuum pump assembly. Second vacuum port on Mini-Chambers will need to be plugged.

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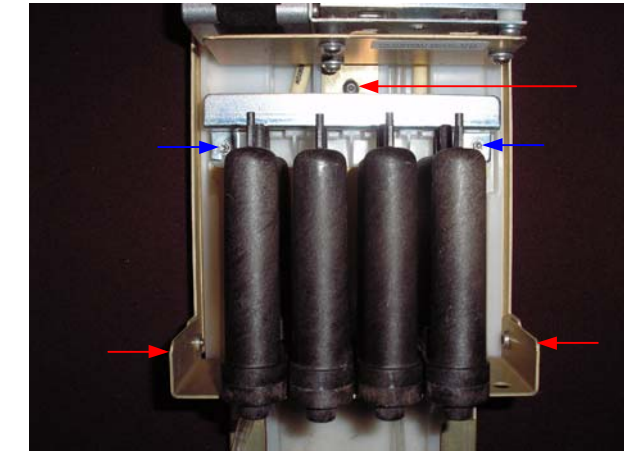
To mount existing Waters Chambers, use 4-40 x .25" (or M3 x5) screws, 2 per chamber. Screws will self tap into location holes, located on front of chamber. Be careful to not over-tighten screws.

To mount new Mini-Chambers, use 6-32 x .25" screws, 1 per chamber, using 6-32 tapped hole in center of front of chamber.

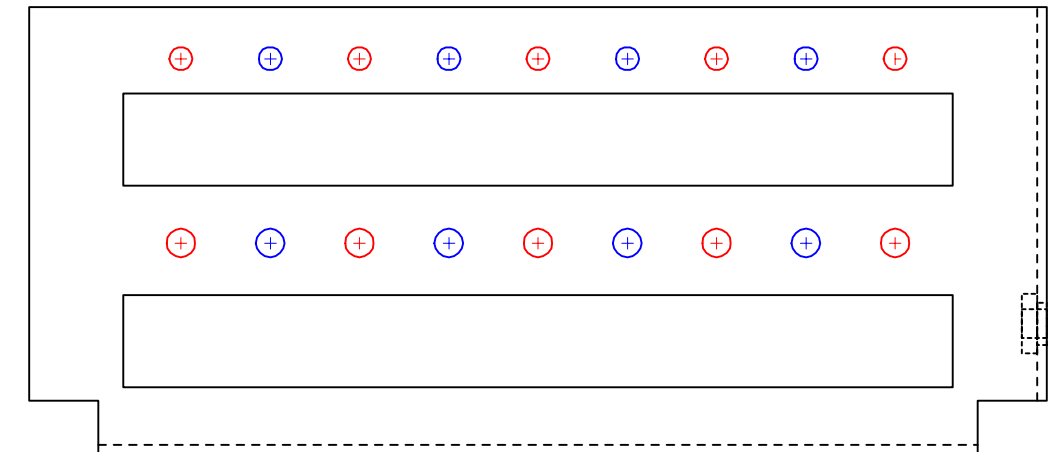


Instructions for Removal of Original Vacuum Chamber Tray Assy.

- 1: Remove the Degasser/Mixing Valve Tray, located behind front panel door in lower right corner of instrument, Refer to Waters Operators Manual for Instructions.
- 2: Disconnect the fluid lines from the front 1/4-28 ports of the chambers.
- 3: Disconnect the Vacuum Manifold from the rear vacuum port of each chamber.
- 4: Remove the Chamber Bracket Assy. by removing the 3 M4 screws indicated by the red arrows in the photo below. Save these screws to mount the new bracket. If you will not be reusing any of the existing original Waters chambers you can discard this assembly. If you plan to reuse any of the original chambers proceed to step 5.
- 5: Remove the 2 screws, indicated by the blue arrows in the photo below, and remove the metal retainer bar and plastic retainer clip. These parts can be discarded.
- 6: Remove the chambers you wish to reuse by pulling back and lifting them off of their locating pins.



Use Red Holes for 5 Channel (2790/2795) Applications
 Use Blue Holes for 4 Channel (2690/2965/2697) Applications



Scale:	1X	Description: Mounting Instructions, Bracket, Mini-Chamber Retrofit, Waters Alliance Degasser Tray. <small>(Mix of Existing Waters Chambers & Replacement Mini-Chambers Shown)</small>		
Drawn By:	Mark Storkamp 01/12/2009			
Tolerances Ex. As Noted .0 +/--.05 .00 +/--.02 .000 +/--.010		Material:	Size B	Part Number:
				REV A