




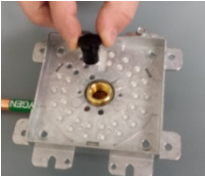

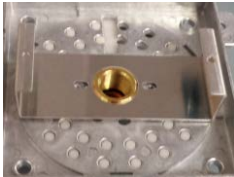
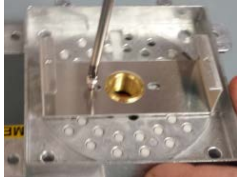



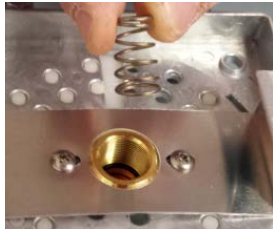

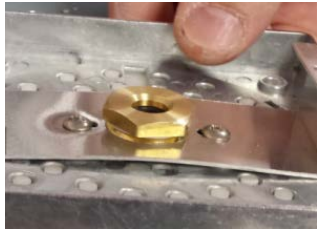



# RETROFIT INSTRUCTIONS – INTEGRATED FLOWMETER CHEMETRON® 500

**NOTE: The retrofit kit should only be installed by qualified personnel.**

Figure 1	Figure 2	Figure 3	Figure 4	Figure 5
				
<p><b>Step 1</b></p>	<p>Remove the cap or the original check valve and spring from the rough-in.</p>	 <p>Figure 6</p>		
<p><b>Step 2</b></p>	<p>Apply high strength Loctite onto the pan head Philips screws and secure the retrofit bracket onto rough-in. Torque screws to 10 in.lb.</p>	   <p>Figure 7      Figure 8      Figure 9</p>		
<p><b>Step 3</b></p>	<p>Insert viton Oring 2-012 into inside O-ring groove of brass adapter body (Figure 10-11). Slide Teflon O-ring 2-016 onto brass body (Figure 12)</p>	   <p>Figure 10      Figure 11      Figure 12</p>		
<p><b>Step 4</b></p>	<p>Insert check valve spring into outlet (Figure 13). The narrow end is facing upwards. Place check valve onto spring (Figure 14). Hand tight the adapter brass body until Teflon O-ring completely seats onto rough-in body (Figure 15). Using 7/8 wrench, tighten the body adapter another 1/2 turn. Pressurize the assembly and check for leaks.</p>	    <p>Figure 13      Figure 14      Figure 15</p> <p>Figure 16</p>		
<p><b>Step 5</b></p>	<p>a) Place correct gas specific indexing plate on bracket and align the</p>			

	<p>holes (Figure 17). Ensure the indexing holes are upwards and the gas stamp is in the lower right corner.</p> <p>b) Place rivets at the top and bottom. (Figure 18)</p> <p>c) Using a rivet gun, pop the rivets (Figure 19).</p>			
<p><b>Step 6</b></p>	<p>Using supplier flat screws and crown nut fasten the filler plate and trim plate together. Hand tight the screws until crown washer on the nut collapses.</p>			
<p><b>Step 7</b></p>	<p>Place Integrated Flowmeter unit onto trim and filler plate assembly.</p>			
<p><b>Step 8</b></p>	<p>Place Integrated Flowmeter unit with trim assembly onto rough in. Secure the assembly with screws.</p> <p>NOTE: Do not over tight the screws.</p> <p>Check the installed assembly for leaks between the integrated flow meter and the Chemetron rough in.</p>			

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