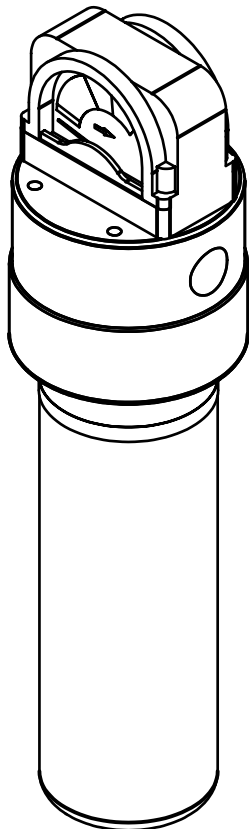


INSTALLATION INSTRUCTIONS



Pictures in this manual are shown with the optional visual display indicator installed on the filter.

BLUE FLAME & BLUE FLAME II MAXX LP FILTER KIT (423-375-001A)



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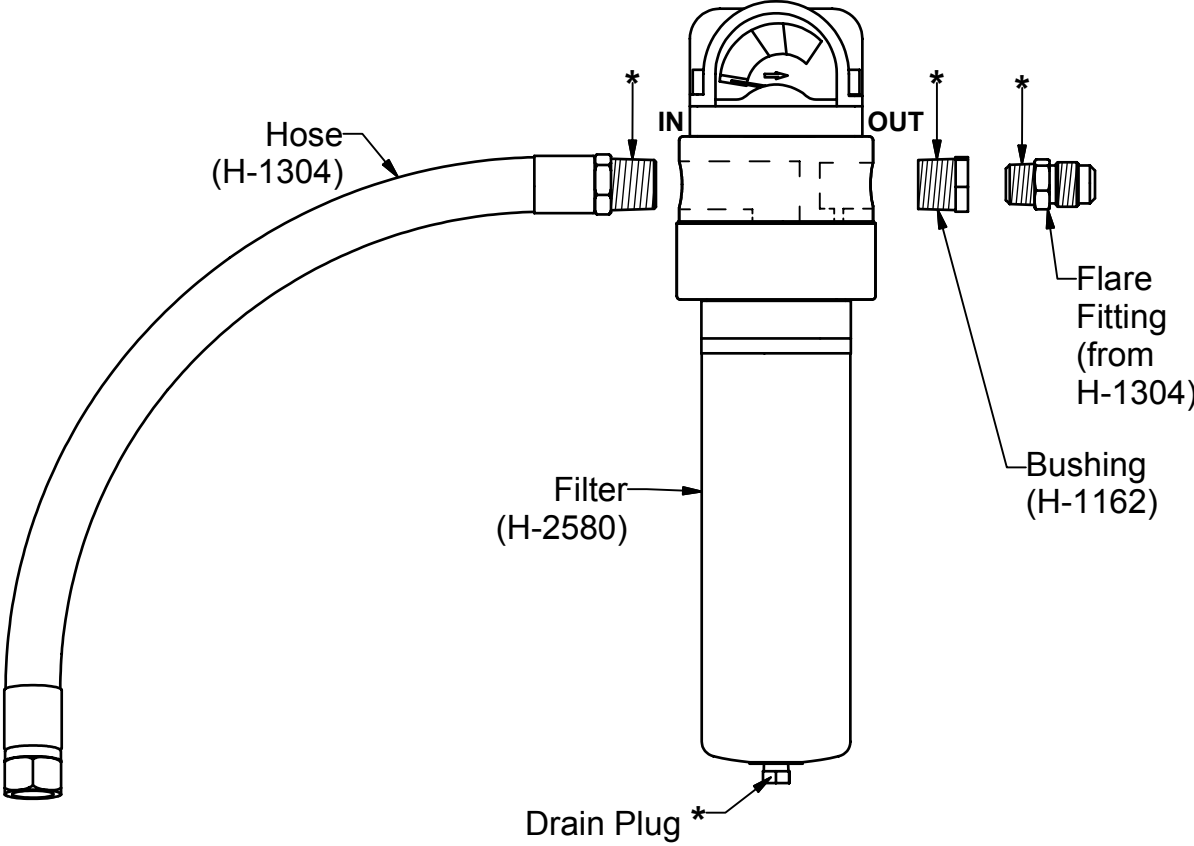
ASSEMBLING FILTER: for a Blue Flame Axial Heater
(for MAXX Centrifugal Heater, go to page 7)

Step 1.
Locate the Filter (H-2580), Hose w/ Fitting (H-1304), and Bushing (H-1162) in box.

Step 2.
Apply Thread Sealant (pipe dope) to: (shown with *)
(a) Flare Fitting
(b) Bushing
(c) Threaded end of Hose
(d) Drain Plug (if there isn't already sealant on it)
NOTE: Be sure to keep the inside of hoses and fittings free of sealant.

Step 3: Assemble as shown. (Double check for correct orientation of filter.)

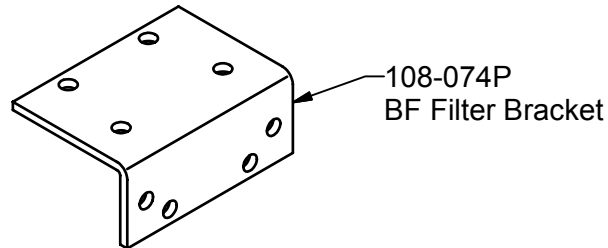
Step 4: Tighten all connections.



INSTALLING FILTER: on a Blue Flame made after 1992

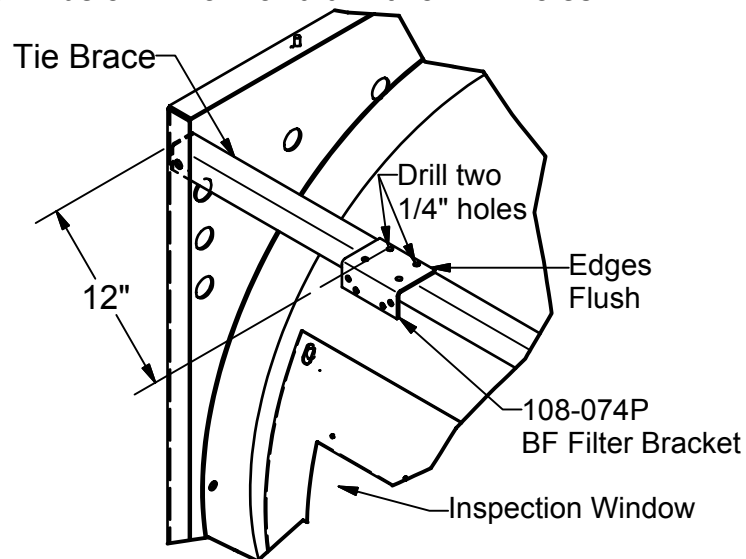
Step 1.

Locate the BF Filter Bracket (108-074P) in box. (For Blue Flames made after 1992, with angle iron tie braces, this bracket will only be used as a drill template.) For Blue Flames made before 1992, with round tie braces, go to page 4.



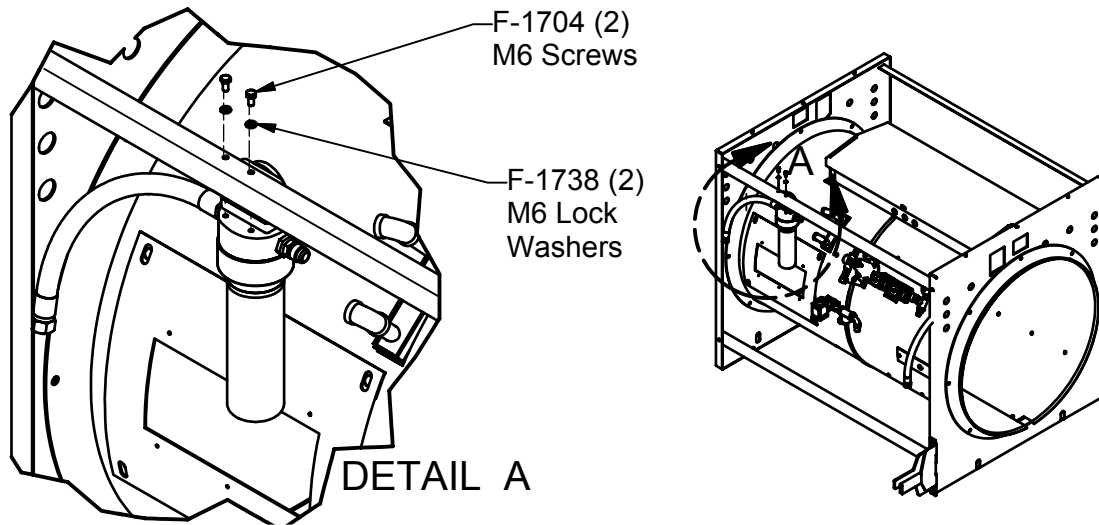
Step 2.

Starting at the front of the Blue Flame, on the top tie brace, measure right about 12". This will be the location for the first hole. Place the BF Filter Bracket flush with the tie brace edge, as shown below. Mark and drill two 1/4" holes.



Step 3.

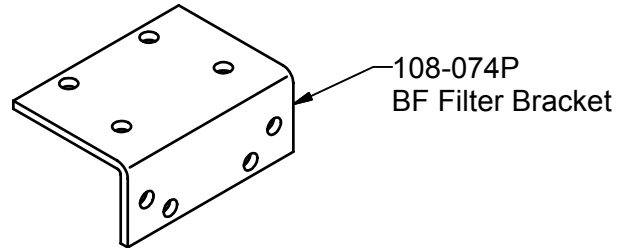
Mount the filter under the tie brace, as shown, with the arrow on the filter pointing right. Use the M6 Screws (F-1704) and M6 Lock Washers (F-1738) for mounting. Continue to Step 4.



INSTALLING FILTER: on a Blue Flame made before 1992

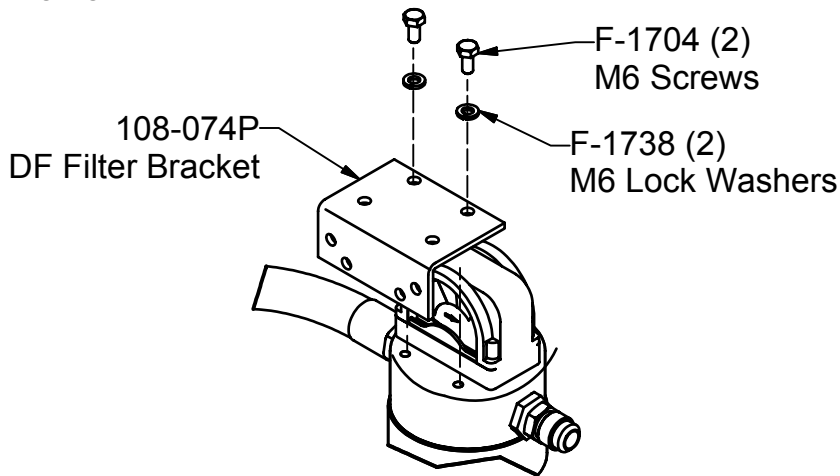
Step 1a.

Locate the BF Filter Bracket (108-074P) in box. (For Blue Flames made before 1992, with the round tie braces, this bracket will be used to attach the filter to the Blue Flame.)



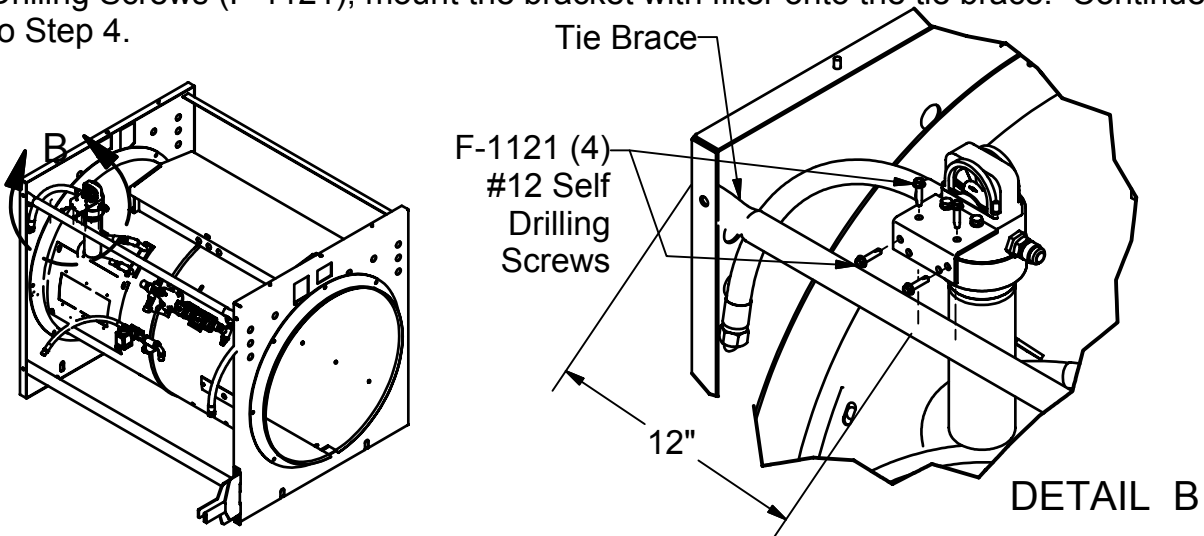
Step 2a.

Using the M6 Screws (F-1704) and M6 Lock Washers (F-1738) attach the Filter Assembly (108-075A) to the BF Filter Bracket, as shown, with the arrow on the filter pointing right.



Step 3a.

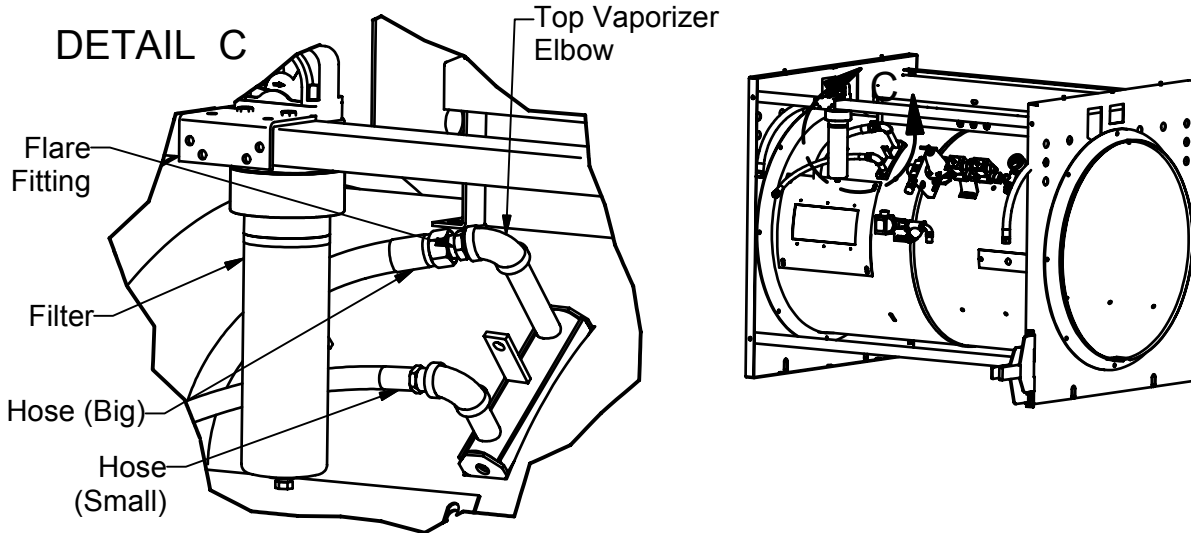
Starting at the front of the Blue Flame, on the top tie brace, measure right about 12". Place the BF Filter Bracket over the tie brace, as shown below. Using the #12 Self Drilling Screws (F-1121), mount the bracket with filter onto the tie brace. Continue to Step 4.



INSTALLING FILTER: on a Blue Flame (cont'd)

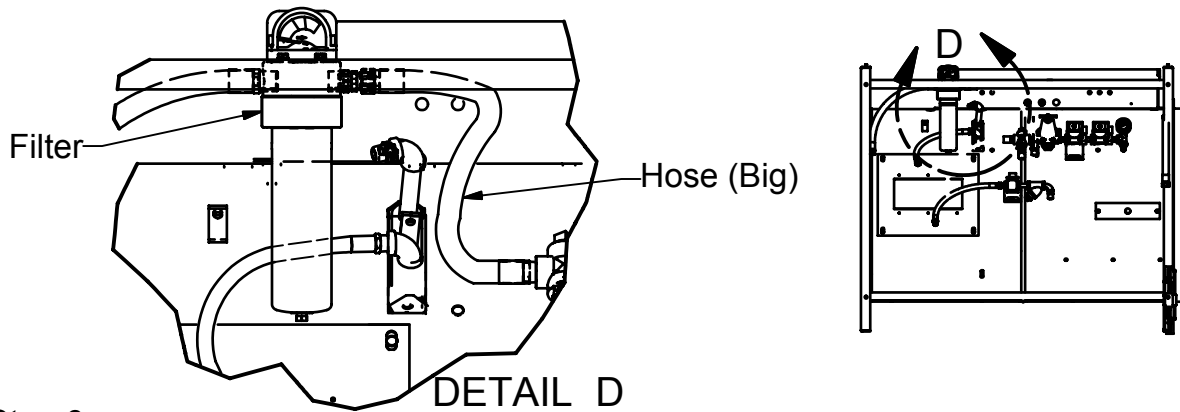
Step 4.

There will probably be gas trapped in the vaporizer if it wasn't allowed to burn out completely, so use caution when unscrewing the big hose. Unscrew the (big) hose from the top vaporizer elbow leaving the flare fitting in the elbow.



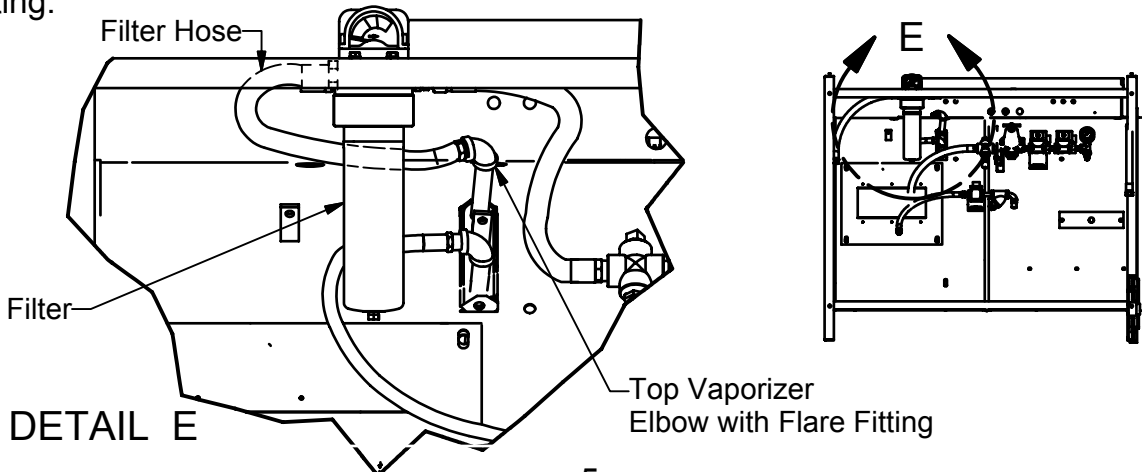
Step 5.

Attach the end of the vaporizer hose to the right side of the filter.



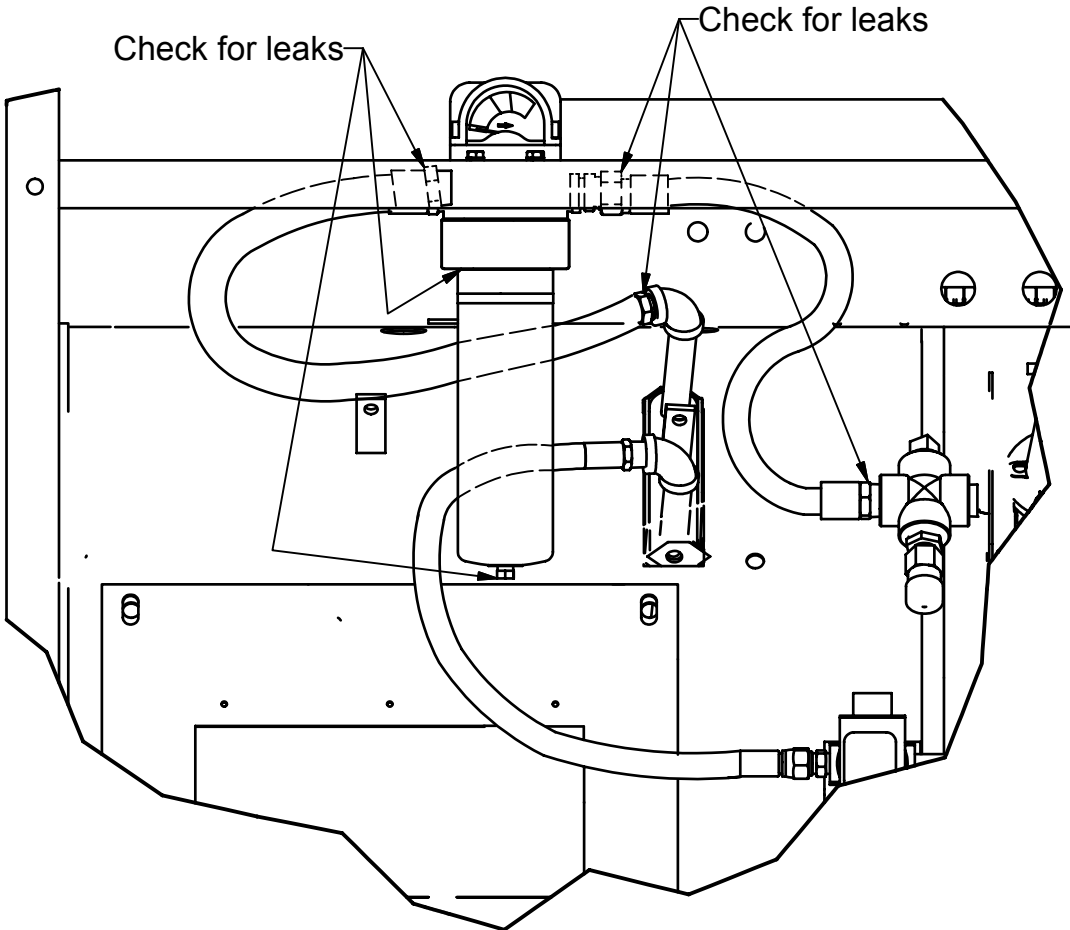
Step 6.

Attach the hose from the left side of the filter to the top vaporizer elbow with flare fitting.



INSTALLING FILTER: on a Blue Flame (cont'd)

Step 7.
Apply gas pressure (burner running) and check for leaks at all connection points with soapy water.



ASSEMBLING FILTER: for a Blue Flame II MAXX Centrifugal Heater

Step 1.

Locate the Filter (H-2580), Hose w/ Fitting (H-1304), Elbow (H-1116), Pipe Nipple (H-1169), and Bushing (H-1162) in box.

Step 2.

Apply Thread Sealant (pipe dope) to: (shown with *)

(a) Flare Fitting

(b) Bushing

(c) Threaded end of Hose

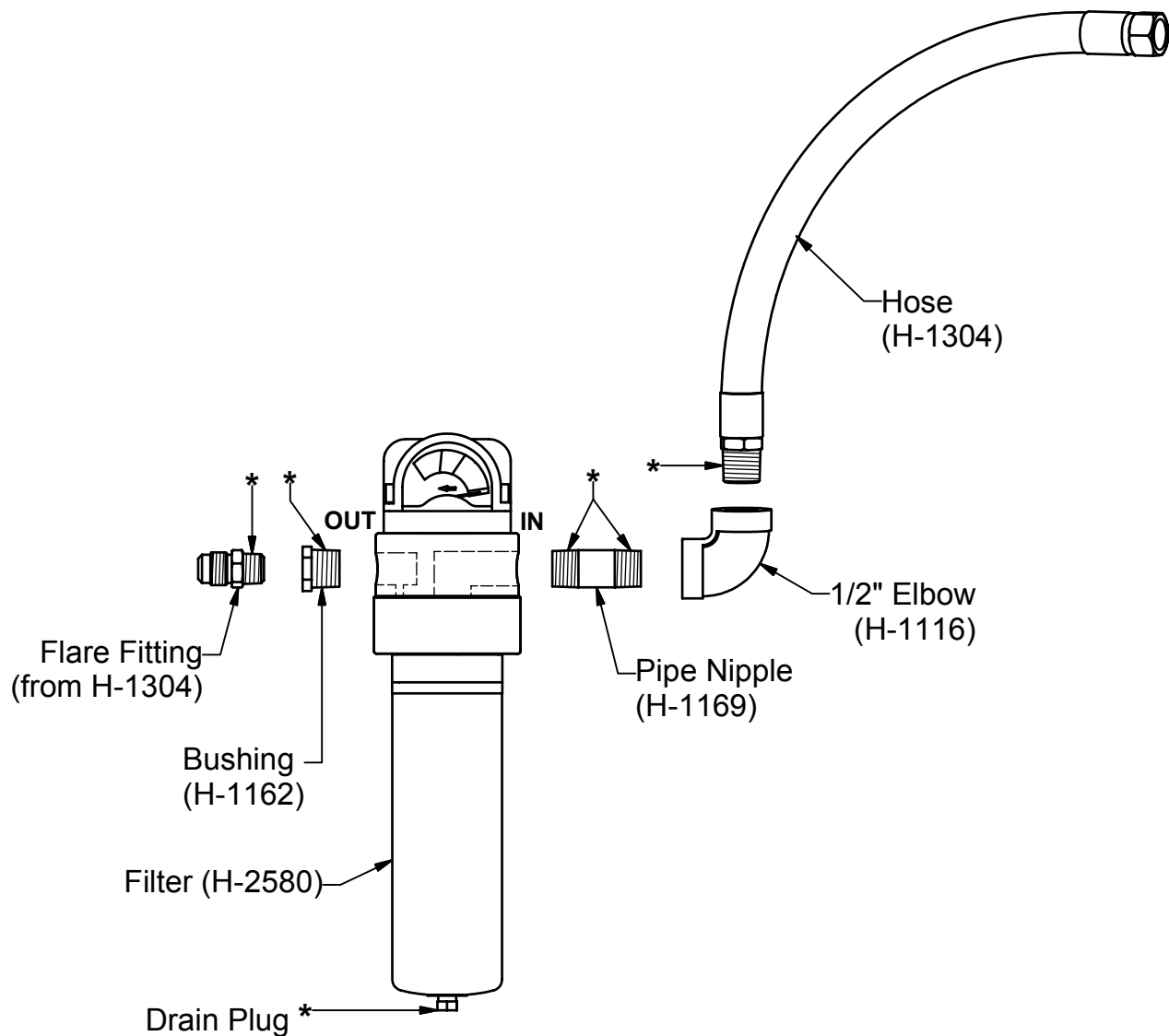
(d) Pipe Nipple (both ends)

(e) Drain Plug (if there isn't already sealant on it)

NOTE: Be sure to keep the inside of hoses and fittings free of sealant.

Step 3: Assemble as shown. (Double check for correct orientation of filter.)

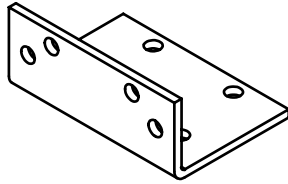
Step 4: Tighten all connections.



INSTALLING FILTER: on a Blue Flame II MAXX

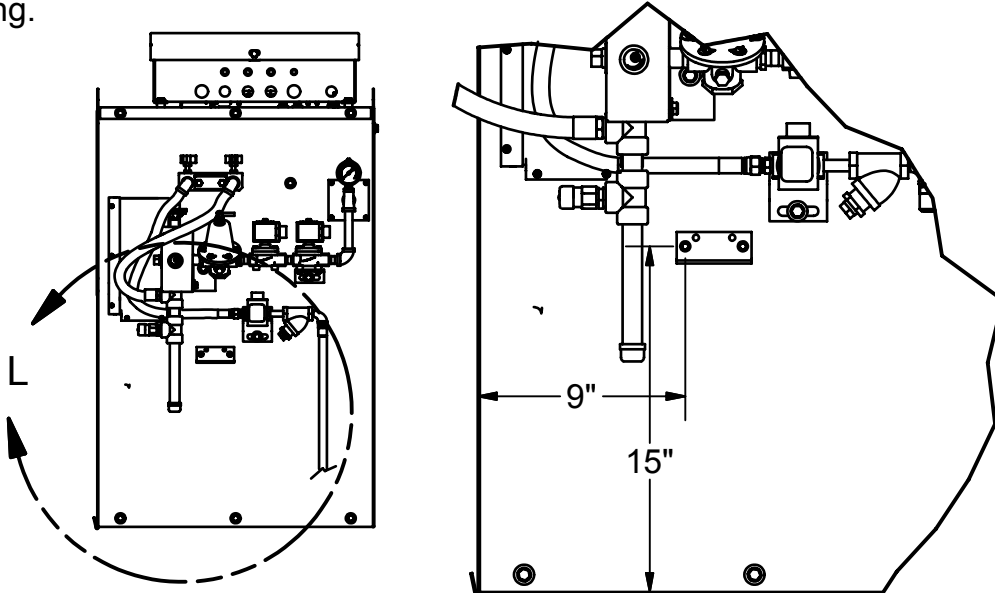
Step 1.

Locate the BF Filter Bracket (108-074P) in box.



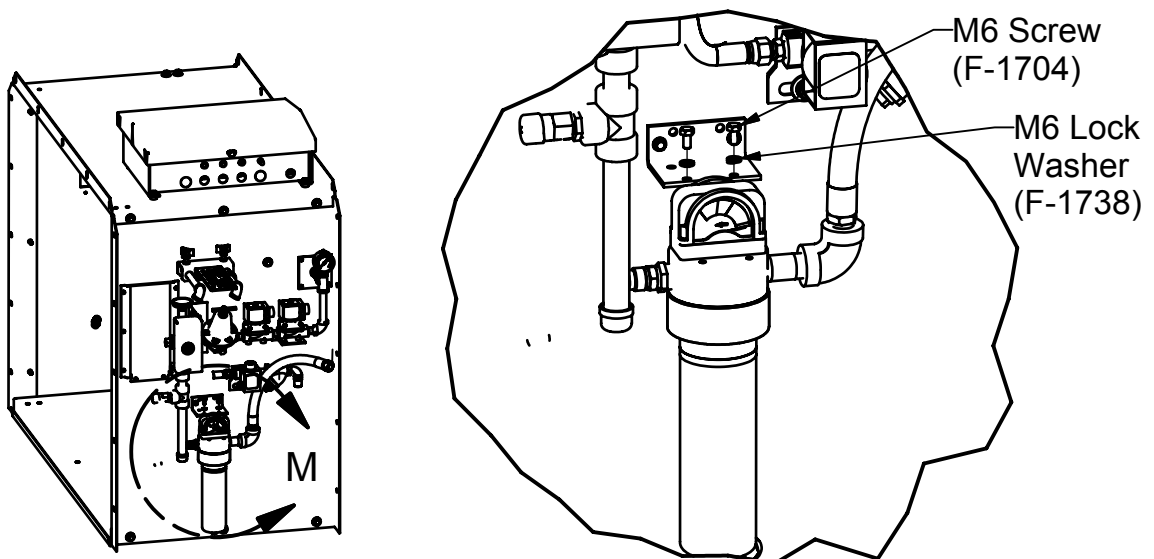
Step 2.

Starting at the bottom left corner on the pipe train side of the Blue Flame II MAXX, measure right about 9" and up about 15". This will be the location for the first hole. Using the #12 Self Drilling Screws (F-1121), mount the bracket onto the burner housing.



Step 3.

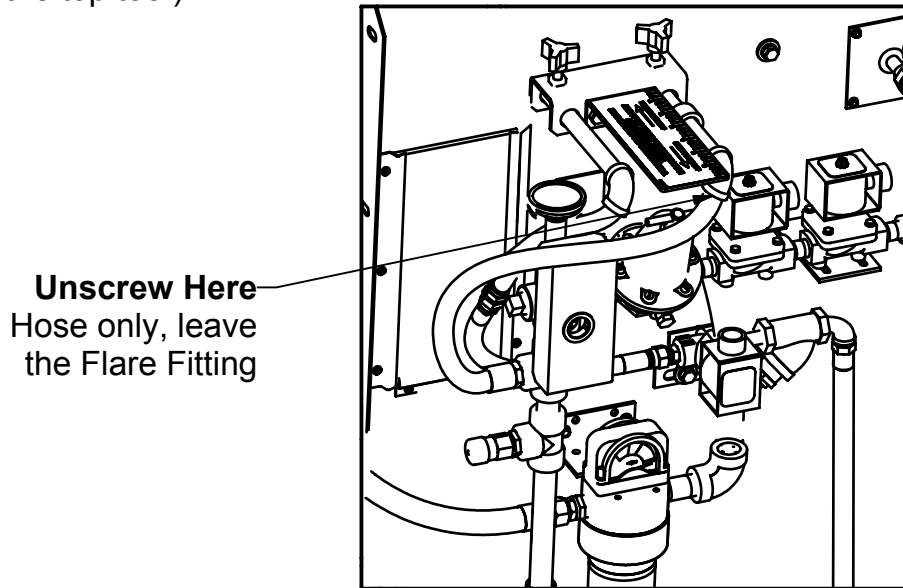
Mount the filter, as shown, with the arrow on the filter pointing left. Use the M6 Screws (F-1704) and M6 Lock Washers (F-1738) for mounting.



INSTALLING FILTER: on a Blue Flame II MAXX (cont'd)

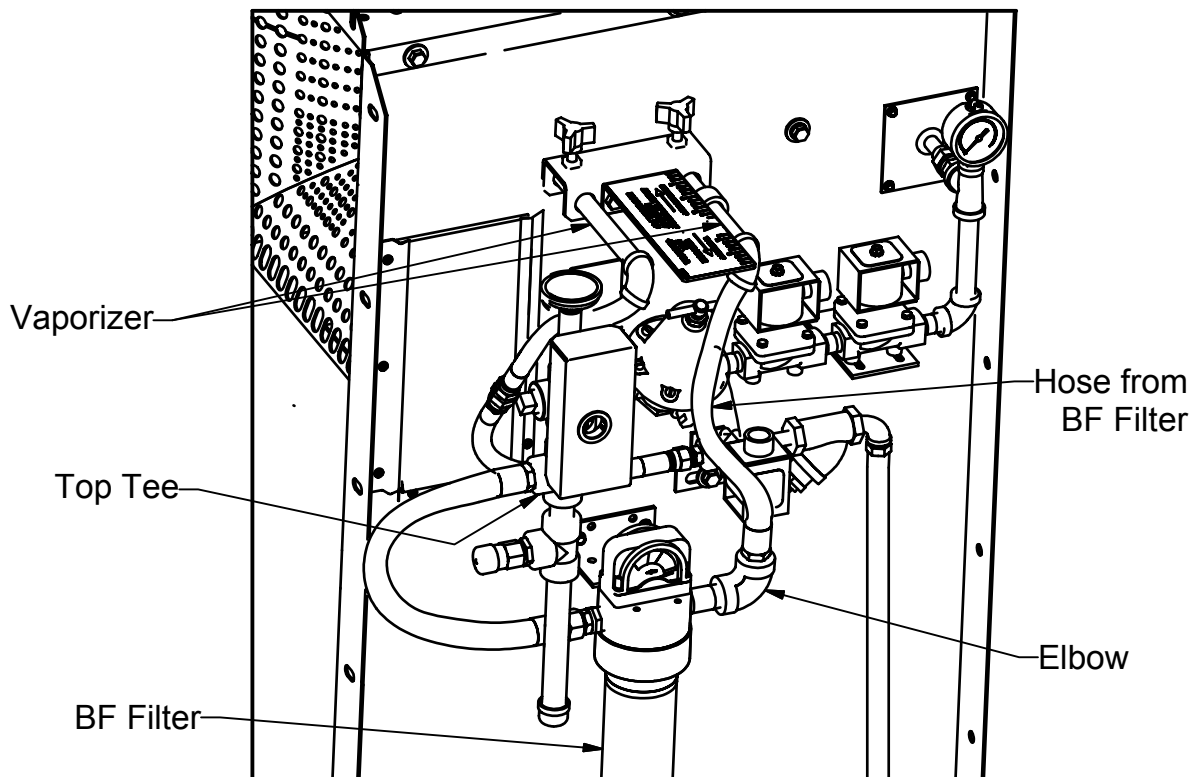
Step 4.

There will probably be gas trapped in the vaporizer if it wasn't allowed to burn out completely, so use caution when unscrewing the big hose. Unscrew the (big) hose from the Right Side of the Vaporizer. (The other end of the hose should be in the side of the top tee.)



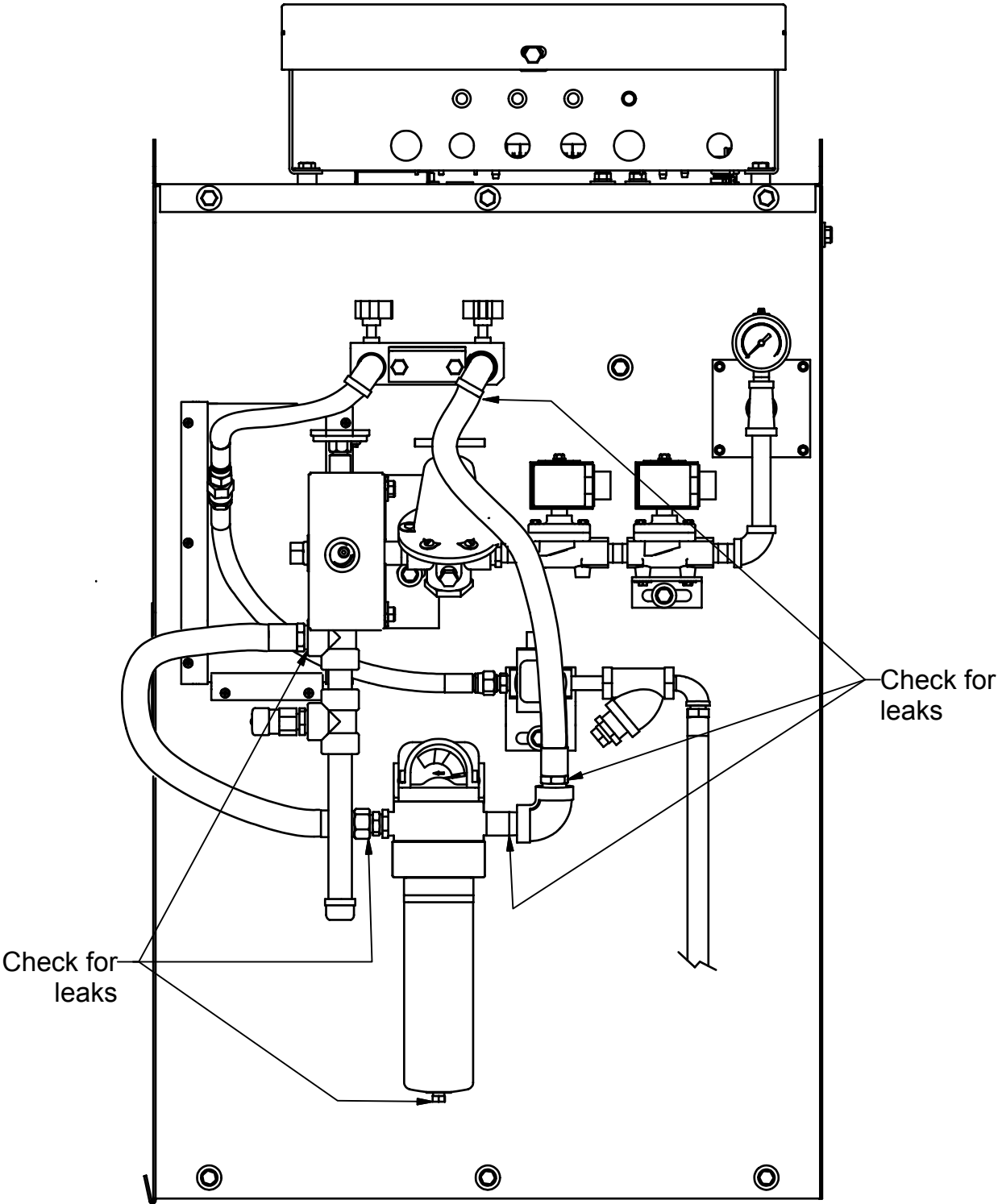
Step 5.

Attach the end of the hose from the BF Filter to the elbow at the right side of the Vaporizer. Attach the hose from the Top Tee on the Upper Pipe Train to the left side of the BF Filter.



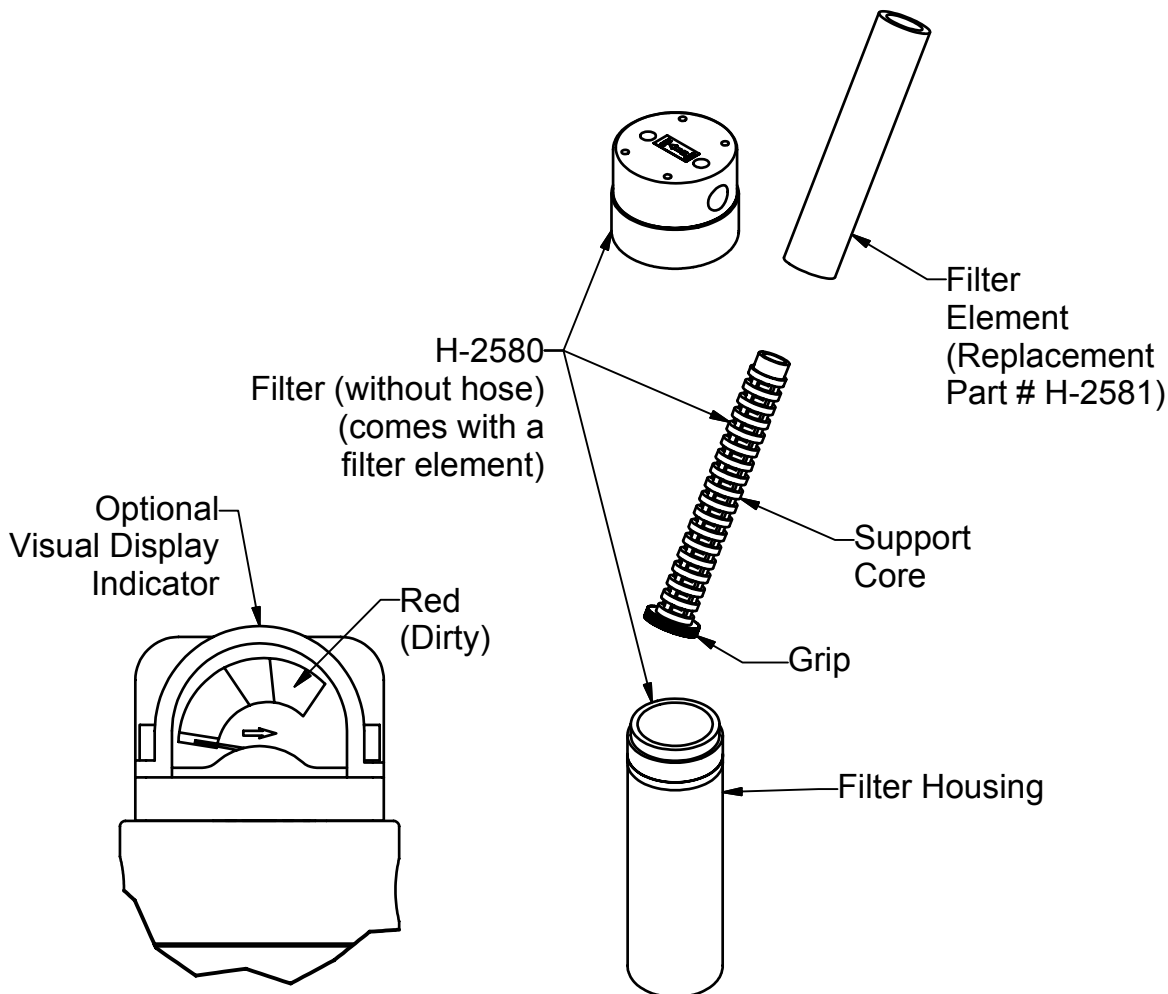
INSTALLING FILTER: on a Blue Flame II MAXX (cont'd)

Step 7.
Apply gas pressure (burner running) and check for leaks at all connection points with soapy water.



REPLACING FILTER ELEMENT:

Replace filter element when the optional visual display indicator gets into the red area or when burner performance is affected.



1. Burn out, or safely release, gas pressure.
2. Unscrew the filter housing to expose the filter element.
3. Unscrew the support core by turning grip.
4. Dispose of the used filter element.
5. Clean filter housing and support core.
6. Slide a new filter element onto the support core.
7. Tighten the support core back into place.
8. Reinstall the filter housing.
9. Apply gas pressure and check for leaks with soapy water.