

Filter Addition Instructions

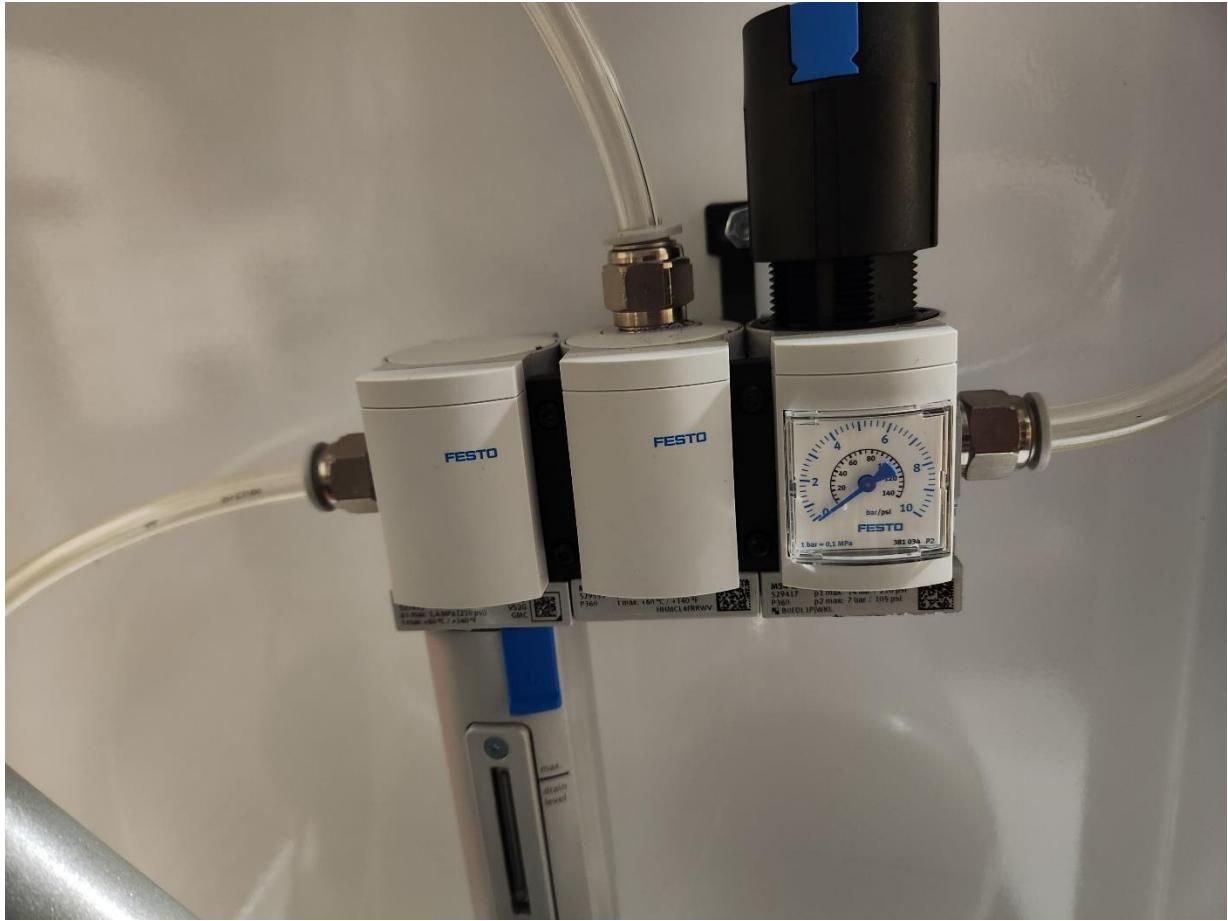


Figure 1: Final assembly example. Filter on the left, manifold in the center, pressure regulator on the right.

Steps:

- Turn off system and drain air compressor as explained in the “Remove Hazardous Energy” section of the Owner’s Manual.
- Remove push to connect fitting from air prep assembly on the left side, not the regulator side. This should have an air line directly from the air compressor.
 - Air line will have to be removed from the fitting first. Push the air line and plastic face of the fitting in, then while compressing the face of the fitting, pull the air line out.
 - The fitting should now be able to be unthreaded from the manifold.



Figure 2: Air prep assembly without filter, manifold on the left, pressure regulator on the right.

- Install O-ring to the filter on the side connecting to the manifold. There should be a grove on the connecting surface for it to fit into.



Figure 3: Manifold connection side, with O-ring

- Assemble the bracket with the two hook pieces facing towards each other.
 - Insert the bolts through the back of one side.
 - Then start to thread the bolt into the front of the other so they are bound together. Leave as much thread as possible exposed, this will allow a larger space between the two parts of the bracket and make installation easier.



Figure 4: Bracket partially assembled



Figure 5: Bracket on the filter unit

- Place the bracket around mounting surface of the filter, on same side as the O-ring was installed.
 - Make sure the hooks of the bracket are towards the top of the filter and above the edge of the connecting surface.

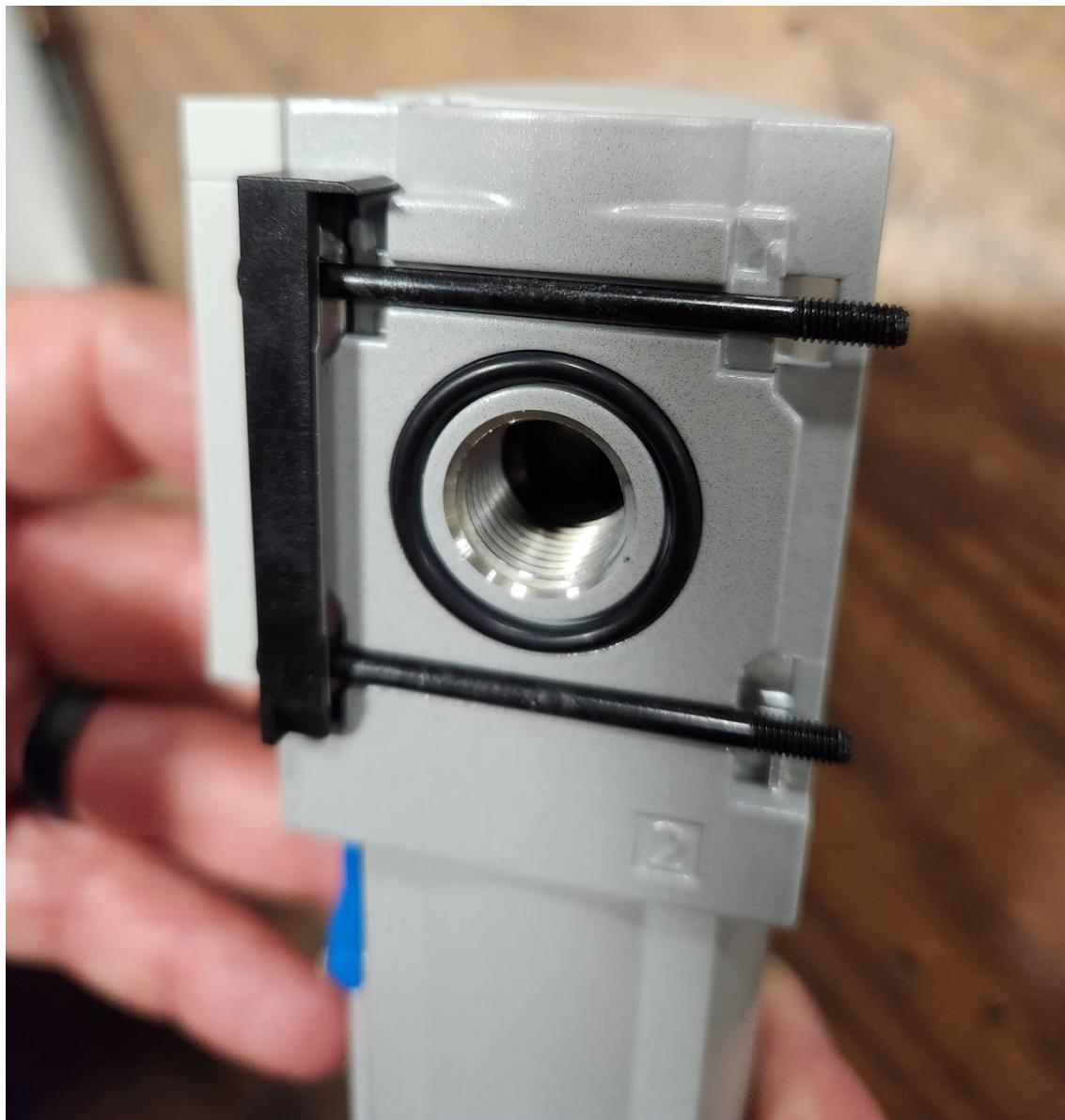


Figure 6: Bracket around the top lip

- Mount the Filter to the manifold.
 - The connecting surface of the air prep assembly should have the same clamp points as the filter unit. The bracket will have to be hooked around these points on both the filter and manifold, front and back before tightening. This will ensure a strong, leak-free connection. It may be easiest to hold the front of the bracket, to hook the back clamp point first, then pivot the whole filter towards the manifold to get the front secured.



Figure 7: Clamp point of manifold and filter unit



Figure 8: Filter unit clamped to manifold.

- Once the bracket is in place, tighten the bolts.
- Install the push to connect on the open port of the filter unit.
- Insert the air line into the push to connect fitting.
 - Lightly pull on the air line to ensure the connection is fully made.
- Close the drain port of the compressor and restore power to the system.