

July, 2023

TRAINING BULLETIN

#TB10016

TOPIC

How to disassemble and clean a BE foam cannon

MODEL REFERENCE

85.400.048

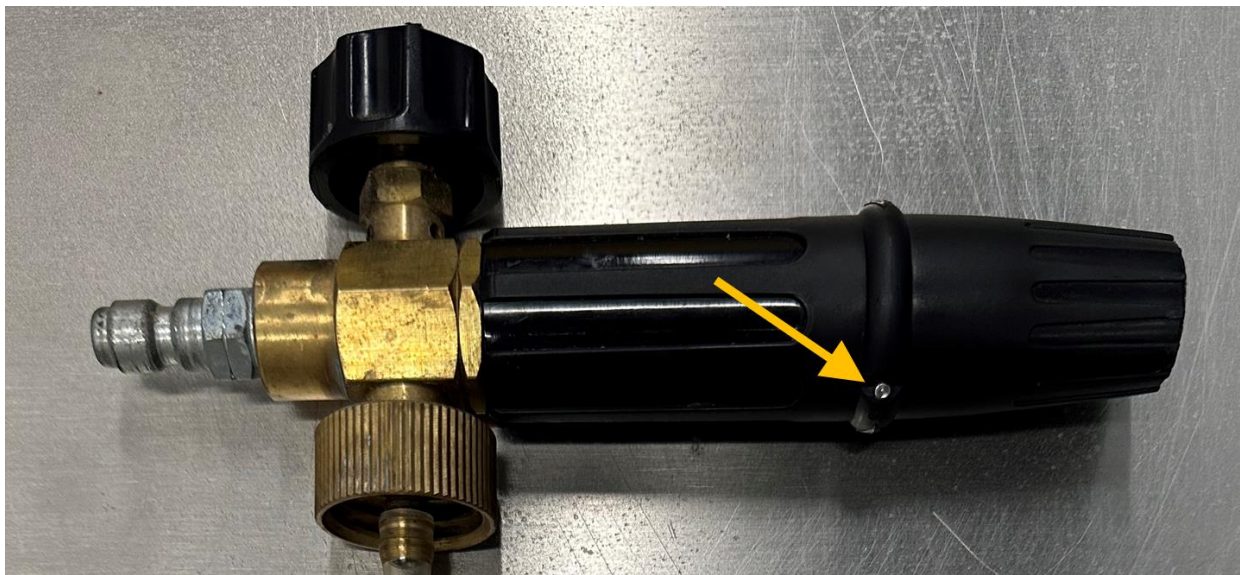


If you notice a decrease in foam being produced by your BE foam cannon, you may need to disassemble it and clean the filter located inside of the brass assembly. This can be avoided in the future by running clean water through the cannon after use.

Recommended tools

- Vice
- Crescent wrench
- Needle nose pliers
- Allen key or small tool of choice to poke pin and filter out of unit
- Vinegar and dish soap

Start by removing the bottle from the foam cannon itself, then grab your needle nose pliers and poking tool. You will want to start by pushing the pin that attaches the black outlet cover with your needle nose pliers, then press the pin the rest of the way out with your poker of choice.



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Remove the black sleeve, from there you will have access to the components of the foam cannon. Remove the small clear pickup hose from the assembly, it may help to place the brass assembly in a vice to hold your components as you remove them. Using your crescent wrench, remove the brass cover piece circled below.



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Use an allen key or other skinny tool such as a fine tip faint brush handle to poke the filter out of the casing going through the black plastic tipped end.



If it feels like it is taking too much pressure to remove, try adding warm water or vinegar into the assembly, it will help loosen the filter. It can get stuck from a result of soaps that may have wax in them for example.

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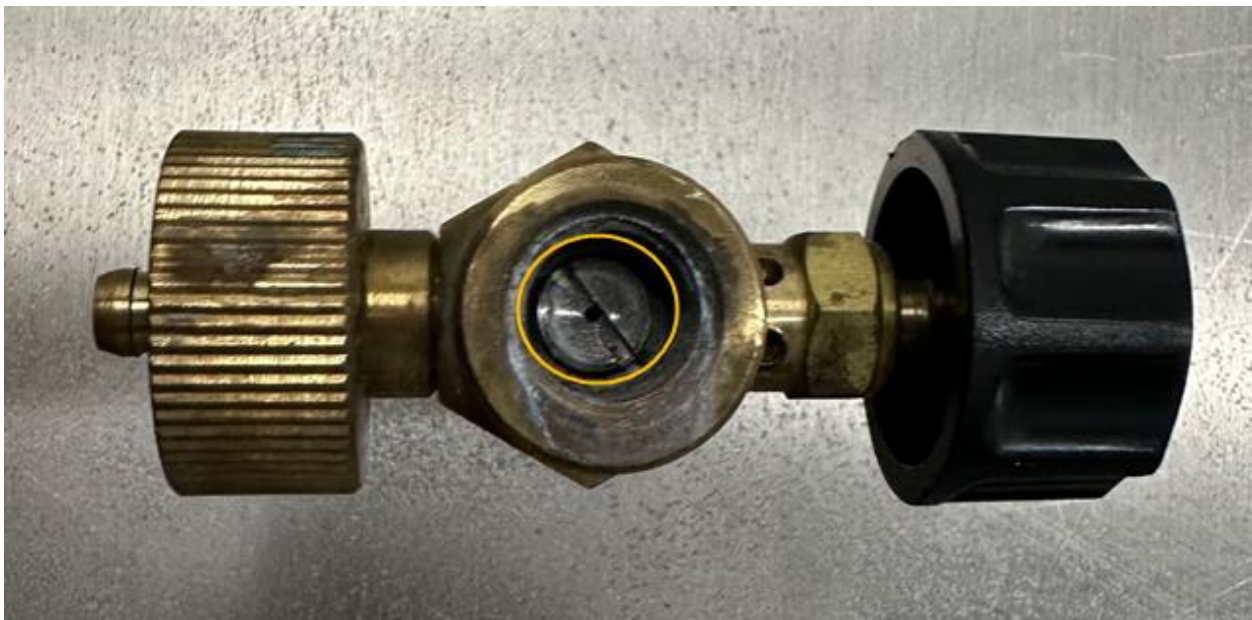
After popping the filter out it should look like the example below. If the filter has a white colour, it indicates a buildup of soap and wax. This is less of an issue for detail shops and other frequent users because the cannon is used frequently and before there is time for buildup to dry in the filter.



Place the filter in a solution of vinegar with a teaspoon of dish soap. The dish soap will help degrease the filter if you have waxes present from car soaps, the vinegar will help with other deposits without being too corrosive.

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While this soaks, check the orifice located in the earlier stages of the assembly. Hold it up to a light to look through the nozzle, if you cannot look through your male plug and see light, remove the fittings with your crescent wrench so you will see the orifice from the photo below. Either poke this out with something like a toothpick, wire, or remove it with a flathead screwdriver and place it in the solution.



Let the components soak overnight if possible, it may help to use a brush to clean the pieces quicker if needed right away. From there reassemble the foam cannon, and you should see like new performance.

To prevent future buildup, make sure you use all the soap from your bottle, then adjust the control valve on the top as far in the “+” direction as possible, this will run the maximum amount of water through the cannon. Doing this will wash away any soap left in the filter that can turn hard as it dries.