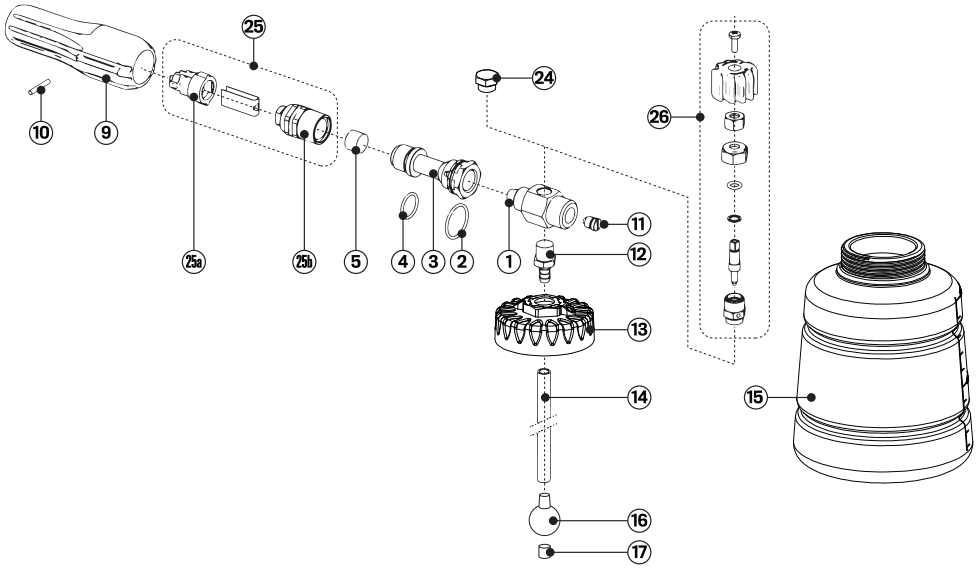
ITEM: BFKIT

THE BOSS™ Foam Cannon Rebuild Instructions

Over time your THE BOSS™ FOAM CANNON may experience inferior performance due to product build up causing clogging or degradation of seals. If you experience reduced foam output or leaking, it may be time to rebuild your THE BOSS FOAM CANNON. Below are quick and easy instructions on how to get your cannon back up and running at peak performance



KIT COMPONENTS

- Primary Nitrile O-Ring
- Secondary Nitrile O-Ring
- Stainless Steel Mesh Pill x2
- Nozzle Retainer Pin
- Silicone Pick-Up Tube
- Silicone Grease
- Auto-Mix Tip Silicone Retainer
- Adhesive

TOOLS REQUIRED

- Pick tool (preferred) or small flathead screwdriver
- 22mm and 24mm wrenches or adjustable wrench (24 mm is optional but may be necessary for easier removal of barrel)

INSTRUCTIONS

1. Press **Nozzle Retainer Pin (10)** out of black **Nozzle (9)** adjuster with pick or small flathead screwdriver and set in a secure location. It may require a light tap of a small mallet. Use caution to prevent encounter with tool.
2. Remove black **Nozzle (9)** adjuster from cannon barrel.
3. Using a 22mm box wrench or adjustable wrench carefully remove the **Fan-Jet Housing (25b)** from the **Secondary Manifold (3)** by firmly turning counterclockwise. This may require additional torque. Should this present a challenge, soak manifold assembly in hot water for 5 minutes. Additional opposing force may be required, applying a 24mm wrench or suitable adjustable wrench on the **Secondary Manifold (3).**
4. Once **Fan-Jet Assembly (25)** is removed, rest on workbench and carefully insert screwdriver through **Fan-Jet (25a)** side and press out the **Stainless-Steel Mesh Pill (5)** from the barrel end using a small flathead screwdriver. Another option is to insert j-hook pic on opposing side and remove pill by pulling it out.
5. Inspect mesh pill for corrosion, soap scum, or other visible wear and clean or replace as necessary. Should foaming performance be diminished, the mesh pill will most certainly require replacement.
6. Should the **Primary (2)** and **Secondary (4) Nitrile O-Rings** show wear or cracking, remove, and replace. Often you can continue to use the original O-rings, only replace if damaged or worn.
7. Inspect all other parts of the cannon for soap or dirt build up and clean as necessary. Soaking parts in hot water and rinsing clean is an easy and effective way to clean other cannon parts.
8. Re-assemble in reverse order.
9. Place a small drop of glue onto the male threads of the **Secondary Manifold (3)** and re-thread on **Fan-Jet Assembly (25)** ensuring to clock the nozzle fan vertically. Do not fully tighten or the nozzle end will not be oriented vertically. Allow glue to set and lock the barrel/nozzle end in place.
10. Apply a moderate film of Silicone Grease from included packet to the full perimeter of the **Primary Nitrile O-Ring (2)** and **Secondary O-ring (4).**
11. Slide black nozzle adjuster over barrel and insert locking pin fully. A pick tool or small flathead screwdriver can be helpful getting the pin fully into place.
12. Replace **Silicone Pick Up Tube (14)** if original component is deteriorated. Firmly pull on tube to remove, and slide new tube onto hose barbs located on the bottom of the **Dual-Thread Cap (13)** and **Stainless-Steel Pickup Ball (16).**
13. There is a small **Silicone Retainer Tube (17)** in the bottom of the **Stainless-Steel Pickup Ball (16).** Check that this is still present. If present and in good condition, there is no need for replacement. If lost or brittle replace the retainer tube by pulling it out with a pick and inserting new silicone retainer tube.

NOTE

Always rinse cannon out thoroughly with clean water following a wash to prevent Stainless-Steel Mesh Pill from clogging. Simply turn the Detergent Dial counterclockwise and flush with high pressure water.