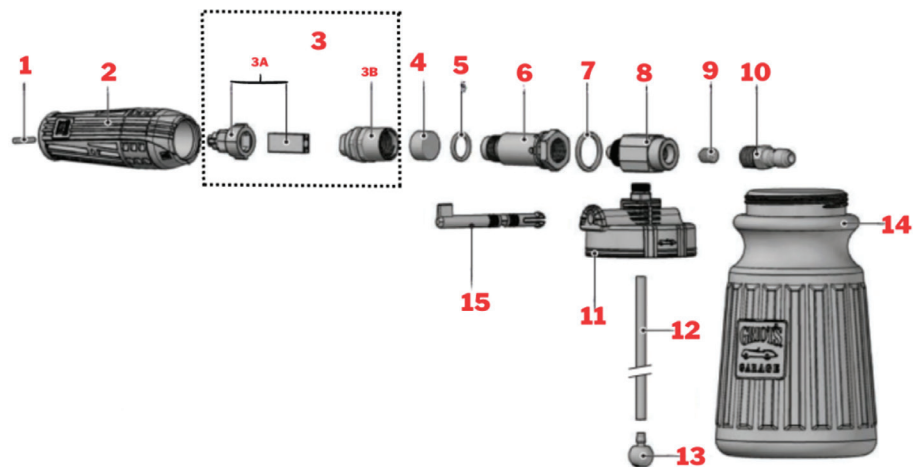




Brilliant FinishTM Foam Cannon Rebuild Instructions

Over time your Brilliant Finish 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 Brilliant Finish 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 (7)
- Secondary Nitrile O-Ring (5)
- Stainless Steel Mesh Pill (4)
- Silicone Pick-Up Tube (12)
- Silicone Grease
- 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 (1)** out of black **Nozzle Adjuster (2)** with pick or small flathead screwdriver and set in a secure location. It may require a light tap of a small mallet.
2. Remove **Nozzle Adjuster (2)** from cannon barrel and set aside.
3. Using a 22mm box wrench or adjustable wrench, carefully remove the **Fan-Jet Housing (3b)** from the **Secondary Manifold (7)** 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 (7)**.
4. Once the **Fan-Jet Assembly (3)** is removed, rest on workbench and carefully insert small flathead screwdriver through **Fan-Jet (3a)** side and press out the **Stainless-Steel Mesh Pill (4)** from the barrel end. Another option is to insert a j-hook pic on the opposing side and remove the pill by pulling it out.
5. Inspect the 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. Insert cleaned pill, or new **Stainless-Steel Mesh Pill (4)** from rebuild kit, and firmly seat it into position by applying pressure with small flathead screwdriver.
6. Should the **Primary (7)** and **Secondary Nitrile O-Ring (5)** 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 buildup and clean as necessary. Soaking parts in hot water and rinsing clean is an easy and effective way to clean other cannon parts. Allow to dry.
8. Re-assemble in reverse order.
9. Place a small drop of adhesive onto the male threads located on the **Secondary Manifold (6)** and re-thread on **Fan-Jet Assembly (3)**, ensuring to clock the nozzle fan vertically. Do not fully tighten, or the nozzle end will not be oriented vertically. The adhesive will set and lock the **Fan-Jet Assembly (3)** in place.
10. Apply a moderate film of Silicone Grease to the full perimeter of the **Primary (7)** and **Secondary Nitrile O-Ring (5)**.
11. Slide **Nozzle Adjuster (2)** over manifold assembly 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 (12)** if original component is deteriorated. Firmly pull on tube to remove, and slide new tube onto hose barb located on the bottom of the **Dual-Threaded Cap (11)** and top of the **Stainless-Steel Pick-Up Ball (13)**.

NOTE: Always rinse cannon out thoroughly with clean water following use to prevent **Stainless-Steel Mesh Pill (4)** from clogging. Simply rinse the **Foam Cannon Jar (14)** out and add clear water, then run the cannon until foam ceases and is no longer visible.