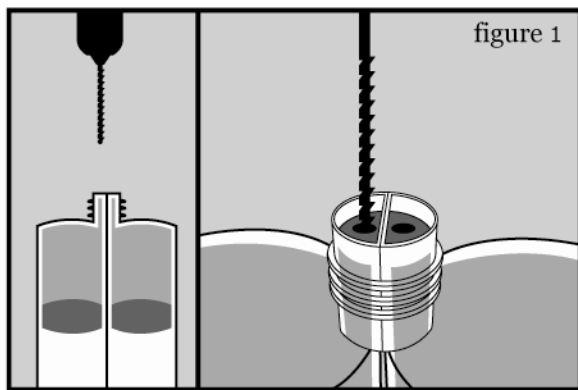


## **TROUBLESHOOTING FOULED CARTRIDGES**

While rare, **Flash-Floor** cartridges can occasionally become fouled, either at the nozzle or one of the back plungers. Following are the simple steps to resolving these occasional problems and steps to preventing them from happening in the future.

### **CLOGGED AT THE THREADED NOZZLE OPENINGS:**

Threaded nozzles can become clogged if mixed product is allowed to flow back into the cartridge. This usually happens if the cartridges are held vertically in the gun after opening. They can also become clogged if either side is exposed to air after use. This allows the product to crystallize over time. Either problem can be resolved by simply using a small drill bit to drill a hole through any dried or crystallized product. The hole needs to be only about the size of the holes in the small black back-flow restrictor included in each kit. These small holes will then act as your back-flow restrictor going forward.



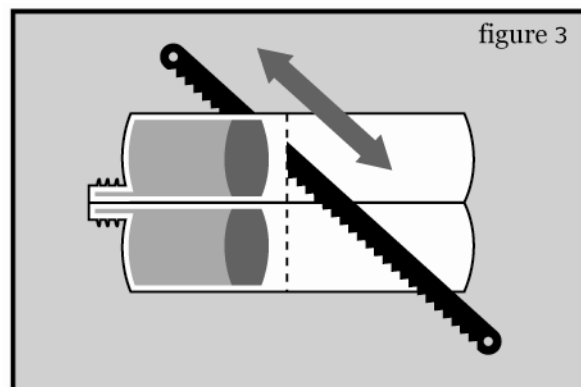
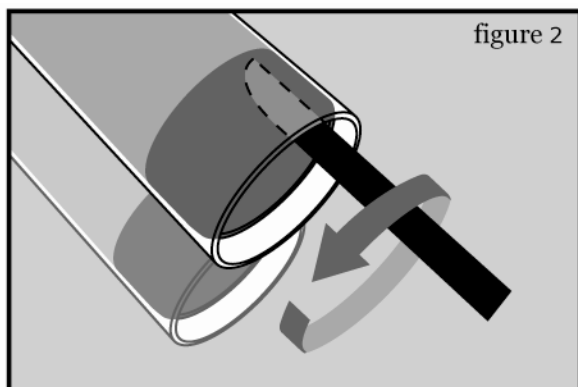
**NOTE: DO NOT try to tap a screwdriver, etc. through any clogged nozzles as this may cause the nozzle to crack and become un-salvageable.**

**PREVENTION: DO NOT hold application gun vertically after product has been allowed to mix in the tip. Always hold gun horizontally or pointed slightly down. Pour a small amount of product out and clean nozzle with dry rag prior to re-sealing.**

**OTHER NOZZLES ISSUES:** Occasionally the d-ring caps are placed back in the wrong sides and become frozen in place. Similar to clogged nozzles, stuck d-ring caps can be drilled through to allow product to flow through and would then replace your back-flow restrictor. The caps overhang slightly and will need to be trimmed to allow replacements tips to fit over them.

### **FROZEN BACK PLUNGERS:**

The black plungers visible in the back of each tube can become frozen if small amounts of product seep through the seals and are allowed to dry or crystallize. This problem is typically seen just on the amber/yellow side of each cartridge and can be easily resolved using a thin blade or screwdriver.



Simply clean out the dried product by running a thin blade or screwdriver around the inside of the cartridge between the plastic tube and black rubber plunger (similar to peeling an apple). Be careful not to push the blade too far through. This may allow small amounts of product to drip out. Plungers are easy to access on new cartridges. However, plungers in partially used cartridges will be further back in the tube and harder to reach. Simply use a hand saw or knife to cut the used portion of the tube off just below the black plungers.

**NOTE: DO NOT try to push through frozen plungers using excessive force with the application gun as the seals may rupture and allow the contents of one or both tubes to escape out the back.**

**PREVENTION: Keep unused product in room temperatures between 75 and 85 degrees. Adhere to six month shelf life recommendations.**