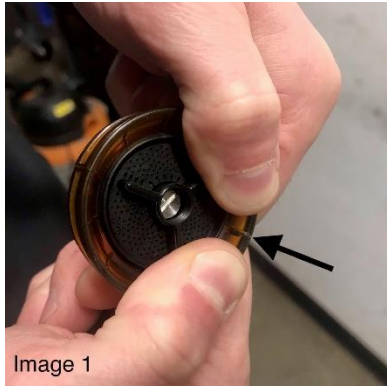


### PART 1: Retrofit rev.07/02/2019 Facotec Inlet Cartridges

To correct problem associated with a material change made to the inlet cartridge (ref. #30-01-001-KP) in March of 2017 when new amber acetal polymer was introduced from previous revision. Trade-off of new material was that for its increased rigidity, its tensile strength was reduced, resulting in fractures occurring around the sealing edge of the component due to lack of additional reinforcement (image 1). Further revision to correct this subsequent problem has recently been made introducing a new mold with additional reinforcement around the sealing edge (images 2 and 3).



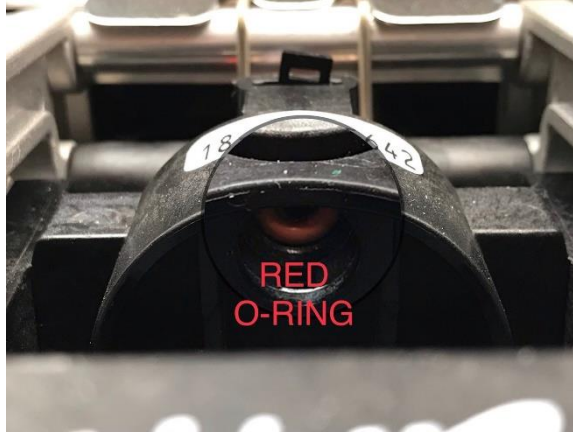
**STEP 1.** Lift group access lid[s] and remove pod alignment brackets.



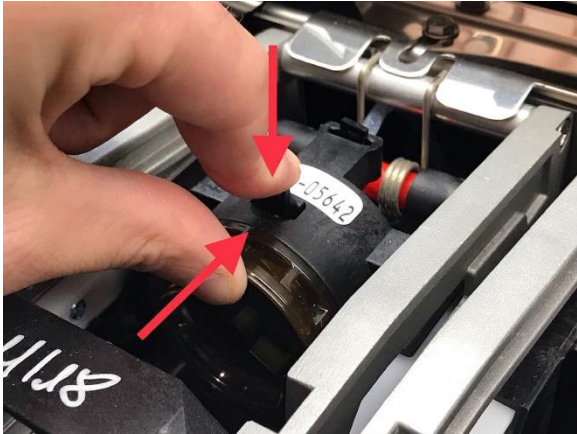
**STEP 2.** Remove front retaining clip from each group – lift straight up using pliers taking care not to cause breakage. A spare retaining clip has been included with parts for update in case of loss or breakage (ref. #30-01-019).



**STEP 3.** Remove previous revision inlet cartridges by pulling toward front of machine. Be mindful of red o-rings, which must be retained and re-used with updated inlet cartridges. These o-rings tend to stay inside of groups when inlet cartridges are removed, but occasionally come out attached to the nipple on the cartridge or fall into the pod drawer below. A spare red o-ring has been included with parts for update in case of loss (ref. #30-08-008).



**STEP 4.** Ensure placement of red o-ring within each group and install updated inlet cartridges. If red o-ring[s] are removed from groups, coat with thin layer of silicone-based lubricant (e.g.: DOW 111) and install to nipple of updated inlet cartridge[s]. To seat inlet cartridges and prevent breakage of retaining clips, firmly press cartridges toward back of machine while re-install retaining clips.



**STEP 5.** Re-install alignment brackets by positioning large pivots (on short extensions) facing toward front of machine and into slots on top of groups. Brackets will fall loosely into place with minimal resistance but must be pressed down and toward the back of machine to snap into final position.

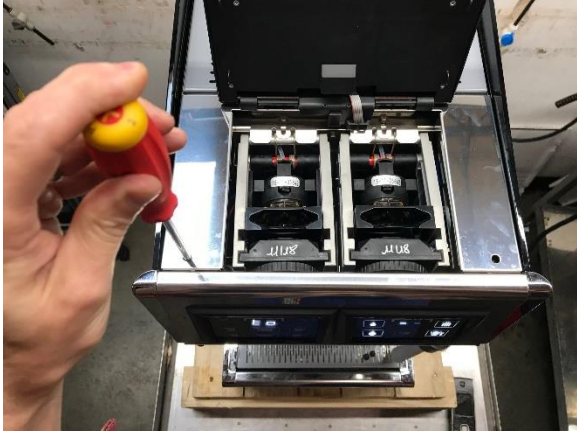


## PART 2: Retrofit Mylar Water Barriers to Back of Controls

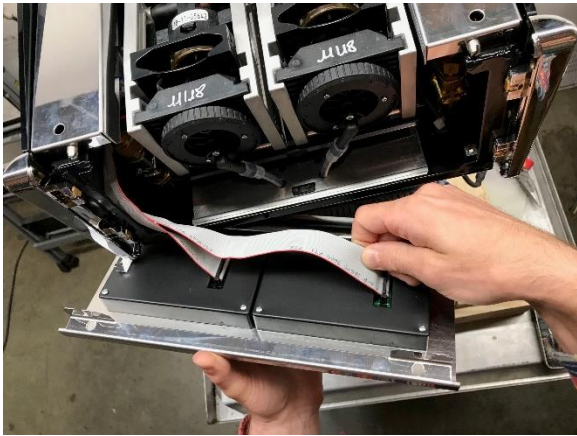
To correct problem of electronic failure associated with water/coffee jetting from vent of a compromised outlet cartridge, Mylar water barriers (ref. #45073) have been implemented shield controls.

**STEP 1.** Power machine off by placing rotary power switch located to lower-front left of machine to position 0.

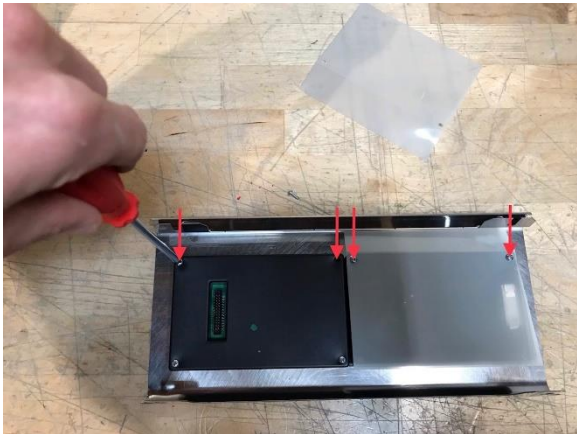
**STEP 2.** Release control facia by removing hole plugs from top-front left and right of machine to gain access to Phillips #2 screw within. Top screws only need loosened. Lower-front left and right screws must be removed.



**STEP 3.** Remove ribbon cables from back of controls and lay control facia on stable/dry surface to install Mylar shields.



**STEP 4.** Remove top two Phillips #1 screws from each control and install Mylar shields with folded sides oriented to top. Mylar shields are secured to controls when screws are replaced.



**STEP 5.** Re-install control facia to machine and return power to machine (position 2 of rotary power switch).