

# BREW MECH UPPER/LOWER CHAMBER REPLACEMENT: UNIVERSAL II KIT

PN:780845

The purpose of this kit is to provide parts and instructions for replacing the Universal II Upper/Lower brew mech chambers. Over time the water flow pathways in the upper & lower chamber outlets can become restricted by the lime scale & chemicals found in water supplies. This buildup will restrict water flow during the brewing process & the air flow evacuating the chambers at the end of the brew cycle.

This instruction sheet applies to the following generations of brewers:

- CX TOUCH
- FK4

## UPPER CHAMBER REPLACEMENT

### UPPER CHAMBER ASSEMBLY COMPONENTS:

P/N	ITEM DESCRIPTION	QTY
780848	UPPER CHAMBER ASSEMBLY, UII	1 EA
780868	LUBRI-FILM, 0.25oz	1 EA

### TOOLS NEEDED:

- Phillips Head Screwdriver

### UPPER CHAMBER REPLACEMENT INSTRUCTIONS

1. Remove brew mech assembly from the brewer.
2. Remove the stop bracket using a Phillips Head screwdriver (Fig 1).
3. Remove the red inlet tube retainer (Fig 2).
4. Compress the white outer ring to detach inlet tube. Swing inlet tube out of the way (Fig 3).
5. Remove the 4 upper chamber mounting screws (**highlighted in green**) Do not discard (Fig 4).
6. Lower the upper chamber and slide out of the frame (Fig 5).
7. Apply lubricant to all four side walls of replacement upper chamber (Fig 6).
8. Install replacement upper chamber assembly by reversing steps used to remove the original.

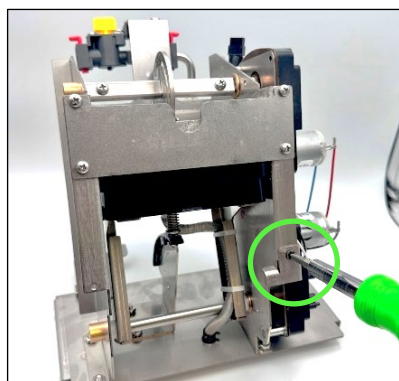


Fig. 1

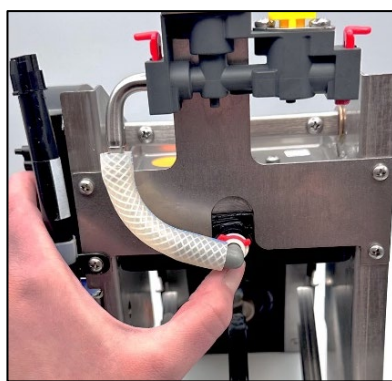


Fig. 2

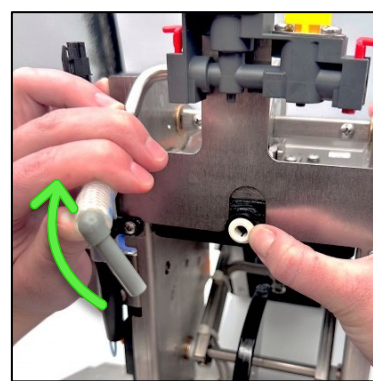


Fig. 3



Fig. 4

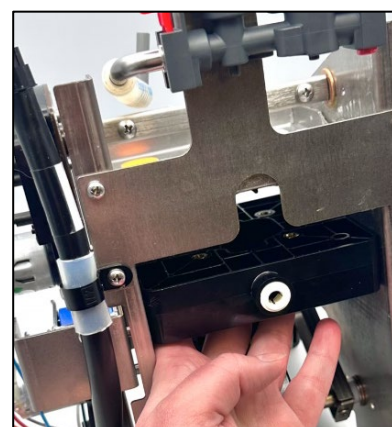


Fig. 5

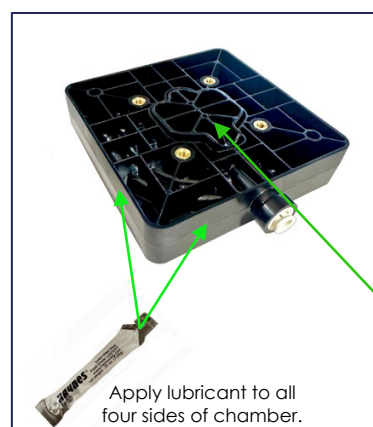


Fig. 6

**Note:** Upper Chamber Assembly comes with support web. If support web installed in your brewer is not damaged there is no need to replace it.

## LOWER CHAMBER REPLACEMENT: UNIVERSAL II KIT

The Universal II Lower Chamber Replacement Kit comes with additional replacement components that interface with the Lower Chamber of your brew mech. This includes a replacement Brew Tube assembly and a replacement Kick Slope assembly. Replacing these parts is recommended when you replace the Lower Chamber assembly.

### LOWER CHAMBER ASSEMBLY COMPONENTS:

P/N	ITEM DESCRIPTION	QTY
782122	LOWER CHAMBER ASSEMBLY	1 EA
780322-L	SCREWS, LOCTITE	4 EA

### LOWER CHAMBER REPLACEMENT INSTRUCTIONS

- Remove brew mech assembly from the brewer.
- Remove the stop bracket using a Phillips Head screwdriver (**Fig. 1**)
- Push the lower chamber forward/backward until screws are visible and accessible by screwdriver.
- Remove 4 screws holding chamber to frame (**Fig. 2**)
- Disconnect silicone hose from bottom & remove chamber (**Fig. 3**)
- Install new lower chamber onto frame by reversing steps used to remove the original.
- Apply lubricant to highlighted areas.
- Install the gutter onto the back side of the lower chamber (the side with the brew tube) by performing the following actions: (**Fig. 4**)
  - Insert one of the side clips beneath the edge of the lower chamber frame.
  - Gently flex gutter until you are able to get other side clip beneath the lower chamber frame.

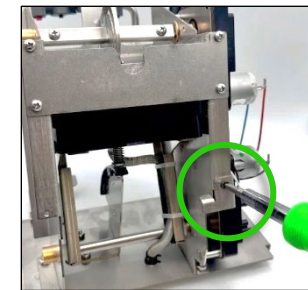


Fig. 1



Fig. 2

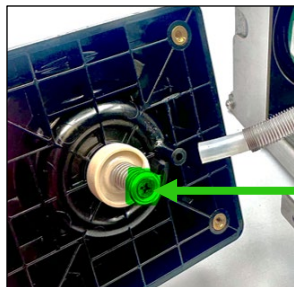


Fig. 3

**Note:** Apply lubricant here on new chamber to ensure standoff/spring glides smoothly when in contact with Kick Slope assembly.

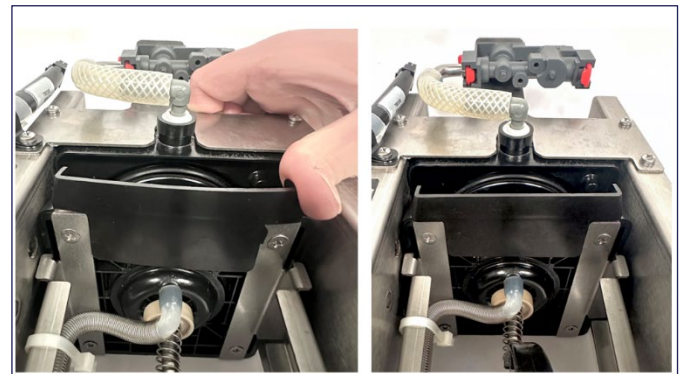


Fig. 4

**Note:** Ensure that gutter is installed onto the BACK part of brew mech assembly.

### KICK SLOPE ASSEMBLY COMPONENTS:

P/N	ITEM DESCRIPTION	QTY
780544	KICK SLOPE ASSEMBLY	1 EA

### KICK SLOPE REPLACEMENT INSTRUCTIONS:

- Push the lower chamber forward/backward until lower chamber standoff is no longer in contact with cam slope.
- Use nut driver to remove two nuts on kick slope bracket.
- Remove assembly.
- Install new Kick Slope assembly onto frame by reversing steps used to remove the original.
- Apply lubricant to cam slope in highlighted area (**Fig. 5**)

### TOOLS NEEDED:

- Nut Driver, 11/32"

**Note:** Apply lubricant here.

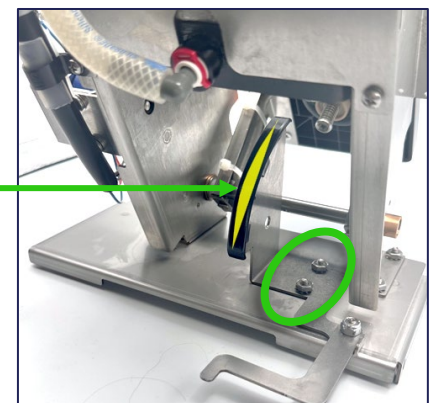


Fig. 5

**BREW TUBE ASSEMBLY COMPONENTS:**

P/N	ITEM DESCRIPTION	QTY
780320	SILICONE TUBE, 6.5IN	1 EA
780368	SPRING, BREW HOSE	1 EA
100284	ZIP TIE, PLASTIC	2 EA
100440	TENSION CLAMP METAL	1 EA

**BREW TUBE REPLACEMENT INSTRUCTIONS**

1. Cut zip ties securing Brew Tube to Lower Chamber frame.
2. Disconnect silicone hose from Lower Chamber.
3. Use hose clamp pliers on black tension clamp to release tube from frame. Remove old tube/spring assembly & discard.
4. Slide tension clamp onto tube & spring assembly beneath spring (Fig 6.)
5. Use hose clamp pliers to attach the clamp-side of brew tube assembly to opening in brew mech frame, ensuring that tube is positioned **OUTSIDE** of the drive shaft (Fig 7.)
6. Attach other side of brew tube assembly to the opening in Lower Chamber (Fig 8.)
7. Use the 2 zip ties provided to attach Brew Tube to Lower Chamber frame (Fig 9.)

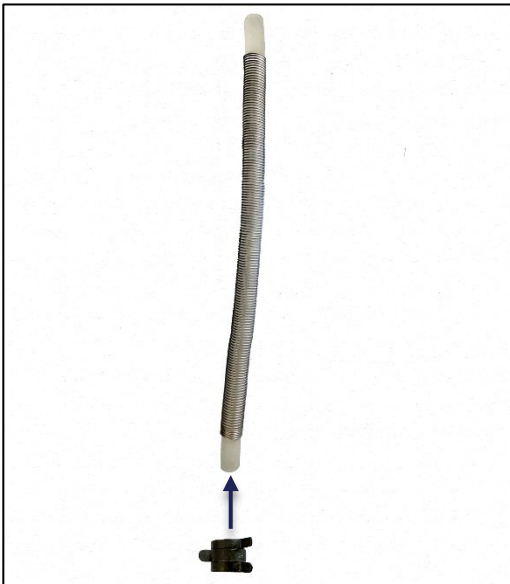


Fig. 6

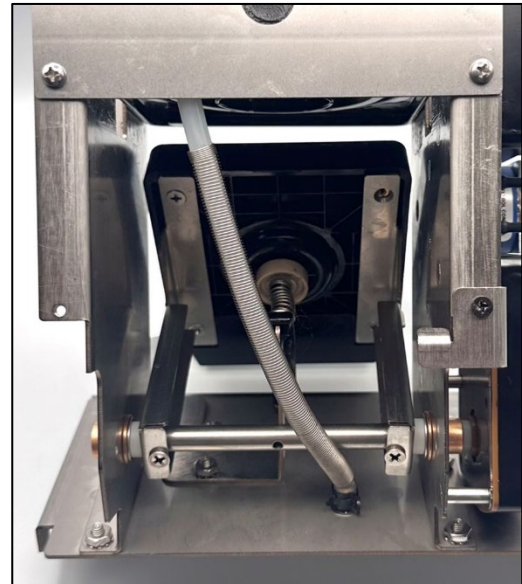


Fig. 7

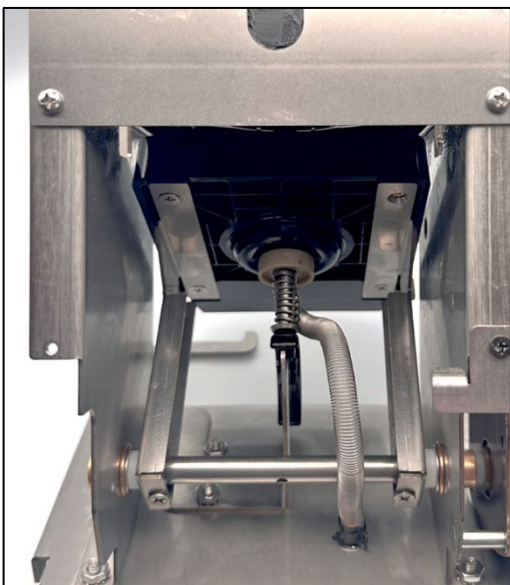


Fig. 8

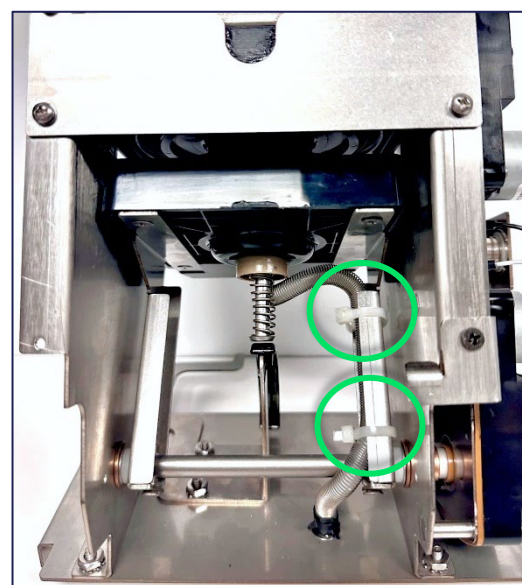


Fig. 9