

# INSTALLATION INSTRUCTIONS

## FACEPLATE SHAFT KIT (P/N 3148) ON FCB (FROZEN CARBONATED BEVERAGE) POST-MIX DISPENSER

### SAFETY

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

**Failure to comply could result in serious injury, death or damage to the equipment.**

### QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

**All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.**

### SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

**Failure to comply could result in serious injury, death or damage to the equipment.**

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

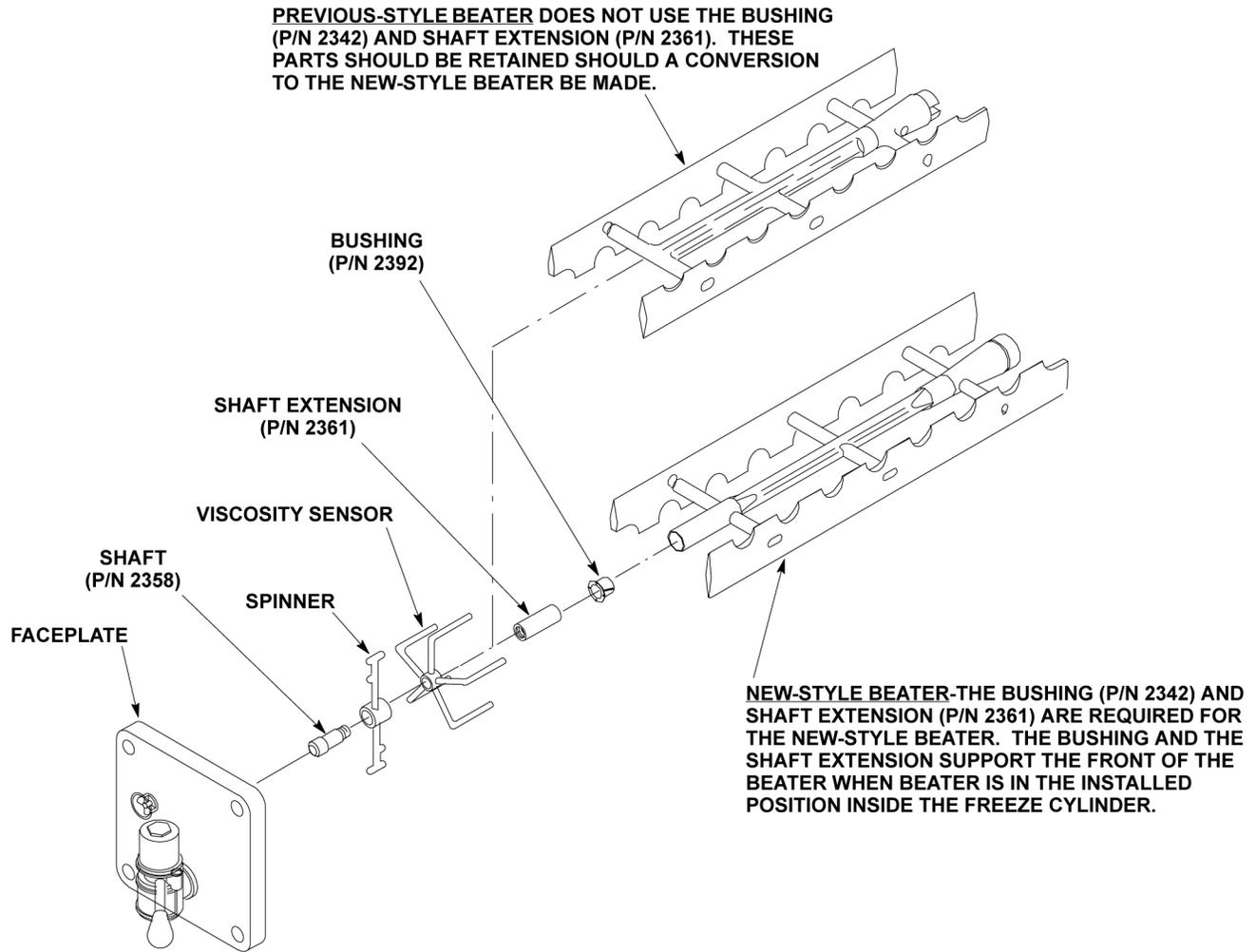


Figure 1.

## PREPARING FOR SHAFT KIT INSTALLATION

1. **If Dispenser is in use.**
  - A. Defrost the applicable freeze cylinder.
  - B. Press applicable "OFF 1" or "OFF 2" switch to stop beater in freeze cylinder.
  - C. Press applicable "FILL 1" or "FILL 2" switch to prevent more product from entering the product blender tank.
  - D. Dispense all product from the applicable freeze cylinder.
  - E. Close applicable product shut-off valve located in tubing leading from the product blender tank to the applicable freeze cylinder.
  - F. Bleed CO<sub>2</sub> pressure from inside the freeze cylinder by pulling the faceplate relief valve.
  - G. Remove faceplate from front of the freeze cylinder.
  - H. Remove spinner and viscosity sensor from the faceplate shaft.
  - I. Remove old "pressed in" shaft from the face plate.

## INSTALLING SHAFT KIT

1. Remove faceplate relief valve from the faceplate.
2. Thoroughly wash the faceplate, then make sure hole in faceplate is completely cleaned out and dry.
3. Install threaded SHAFT EXTENSION (P/N 2361) on threaded end of the new faceplate SHAFT (P/N 2358).
4. Support the faceplate (dispensing valve side of faceplate down) on two short wooden two-by-four pieces (MAKE SURE FACEPLATE IS WELL AND EVENLY SUPPORTED).
5. Using a soft mallet (rubber or plastic), *very carefully* tap unthreaded end of the new SHAFT (P/N 2358) into hole in the faceplate (MAKE SURE SHAFT SEATS IN BOTTOM OF THE HOLE).
6. Remove shaft extension from the faceplate shaft.
7. Install spinner and viscosity sensor on the new faceplate shaft.

### **Dispenser Using New-Style Beater (see illustration)**

- A. Install threaded SHAFT EXTENSION (P/N 2361) on threaded faceplate shaft and tighten securely.
- B. Install new BUSHING (P/N 2342) in front end of the new-style beater.



## INSTALLING FACEPLATE ON FREEZE CYLINDER

1. Install relief valve in faceplate.
2. Using Dow Corning DC-111 light grade silicone lubricant, thoroughly lubricate the large faceplate O-ring.
3. **Dispenser Using New-Style Beater (see illustration).**
  - A. Install new-style beater inside the freeze cylinder.
  - B. Install faceplate on front of the freeze cylinder. *MAKE SURE BUSHING END OF THE BEATER IS PLACED OVER THE FACEPLATE SHAFT EXTENSION BEFORE PUSHING THE FACEPLATE UP INTO POSITION ON IT'S FOUR THREADED MOUNTING STUDS.*
  - C. Tighten faceplate hex nuts until faceplate touches freeze cylinder all around the flange. **CAUTION: DONOT OVERTIGHTEN THE HEX NUTS.**

### **Dispenser Using Previous-Style Beater (see illustration)**

- D. Install previous-style beater inside the freeze cylinder.
- E. Install faceplate on front of the freeze cylinder.
- F. Tighten faceplate hex nuts until faceplate touches freeze cylinder all around the flange. **CAUTION: DONOT OVERTIGHTEN THE HEX NUTS.**

## RETURNING DISPENSER TO OPERATION

1. Open product shut-off valve located in tubing leading from the product blender tank to the freeze cylinder.
2. Restore Dispenser to operation.