

---

## technical bulletin

No TB-0010B, Release Date 05/15/2023

---

### Rattler Bar Dispenser O-Ring Removal and Replacement using Viton XP41 O-Rings

In instances where there have been syrup leaks through the dispense nozzle, O-rings and plunger assemblies should be replaced in accordance with Technical Bulletin TB-0009B (released February 2023). If the leaks are not resolved after proper seating of the O-rings per the bulletin's advice, the standard, black O-rings (part number 208-5003) should be replaced with blue O-rings in order to improve sealing and reduce the chance of O-ring "rolling".

#### NOTE:

This O-ring change process may be applied to any and all Icon and Rattler barguns, whip assemblies, and handle assemblies. Units produced prior to mid-April 2023 may exhibit intermittent O-ring "rolling" (see TB-0009B for additional details). Rattler units produced after mid-April 2023 will include blue O-rings as part of standard production.

In order to complete this action, Technicians will need:

- ❖ 316-0003-SP - O-ring Insertion and Extraction Tool (also found in 675-0209 Rattler Service Kit)
- ❖ 208-4003-SP - Blue, Viton XP41 O-Rings (also found in 675-0209 Rattler Service Kit)
- ❖ Phillips Head and Flat Head Screwdrivers
- ❖ Foodgrade Lubricant

To replace the O-Rings:

Use the screwdriver to remove the 6-32 x 3/8" screws which hold the bottom plate in place. Units which have not been opened previously may have one screw covered by the "CAUTION Overtightening Causes Damage" sticker.

Pry away the plate to expose the plunger assemblies for removal. Keep the plunger springs attached to the bottom plate to ease reinstallation.



Use the O-ring Insertion and Extraction Tool to remove the plunger assemblies and the black O-rings. These parts may need to be removed separately. Use the barbed end of the tool when removing the components.



Apply a small amount of lubricant to the blue O-rings in preparation for placement. Too much lubricant can cause sticking and further leaks. Using the post end of the O-ring tool, insert the new O-ring fully into the channel. A small “pop” should be felt when the O-ring is seated. View the O-rings from the side of the handle to see that they are fully in place. While observing, actuate the buttons on all replaced positions to check for “spring back” and to confirm that the O-rings are seated. If the O-rings move out of place or the buttons do not return to their original position, remove and reposition the O-rings until proper seating is achieved.



Reinstall the plunger assemblies and the bottom plate, taking care not to bend the plunger springs. Use the screwdriver to resecure the plate without overtightening.

