



The following tools & materials are required for disassembly & servicing of the O-rings used in the Severe Duty Industrial FireFox nozzle (#3297)

- 1/4" Allen wrench*
- O-Ring removal tool (dental pick)*
- Straight-blade screwdriver*
- Parker O-Lube (part #92010001) 4oz, Use on all O-Rings*
- Clean Workbench & Vice

*These tools are part of the Akron Brass Nozzle Repair Tool Kit (part #9200)

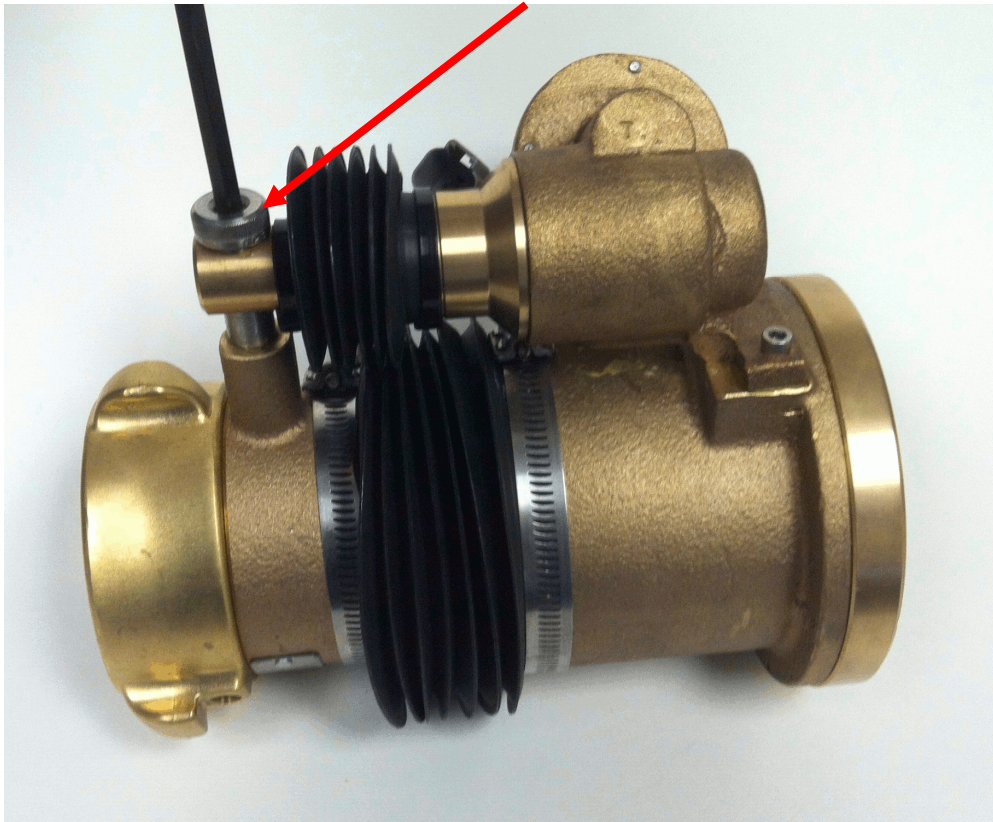
O-Ring Replacement Parts List

Part #	Item #	Description	QTY
757374	006	O-RING 3 3/8ODX3 1/8ID BUNA N70 2-235	1
757445	011	O-RING CARBOXILATED N1090-85 2-237	1

Contact Akron Brass Technical Support for further information on replacement parts.

Disassembly

1. Disconnect wiring harness plug
2. Disconnect & remove the nozzle
3. Use 1/4" Allen wrench & remove the shoulder screw holding the actuator arm to the nozzle.



STYLE 3297
Industrial FireFox Nozzle
Routine Maintenance Guide

4. Use the straight-blade screwdriver; loosen the hose clamp on the pattern sleeve enough to slide it up over the bleeder vent.



5. Loosen the glue holding the protective rubber bellows to the pattern sleeve & slide the bellows down off of the pattern sleeve.
6. Pull the pattern sleeve off the top of the nozzle body to expose both O-rings.



Reassembly

Note: Clean & inspect all parts for wear/damage

Ensure that all replacement O-Rings & associated surfaces are well-lubricated with Parker O-Lube

1. Reinstall the smaller O-ring on the nozzle body.
2. Drop the larger O-ring over the nozzle tip & slide the pattern sleeve over the tip of the nozzle body. Before fully sliding the pattern sleeve into place, use the dental pick & install the O-ring on the pattern sleeve.
3. Push the pattern sleeve fully into place and pull the protective bellows into position.
4. Reposition hose clamp & tighten to prevent bellows from coming out of position.
5. Replace the shoulder screw locking the actuator to the nozzle body.

Test nozzle thoroughly before returning to service. All joints should rotate freely without binding and there should be no leaks when in use.

Frequency of Maintenance

The cleaning & lubrication of The O-rings should be conducted after 100hrs of use or once per year, whichever occurs first.