Assembly Notes

⚠️ Use Parker-O-Lube or equivalent petroleum base lubricant

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Part Number</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gasket</td>
<td>714023</td>
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</tr>
<tr>
<td>2</td>
<td>O-Ring</td>
<td>757222</td>
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<tr>
<td>3</td>
<td>Shaper Inserts</td>
<td>116221</td>
<td>2</td>
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</tbody>
</table>
OPERATING INSTRUCTIONS
Style 3489 Shaper tip

The following is intended to provide the basic instructions for operating the style 3489 shaper tip. Read and understand these operating instructions before use.

PRODUCT RATINGS:
Maximum Pressure: 200psi/14bar

PRODUCT WARNINGS:
WARNING: Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Open and close the supply valve slowly. Rapid opening will produce a sudden thrust. Rapid opening or closing can cause water hammer. Have the monitor properly supported to withstand the reaction force created by the stream.

WARNING: Ensure the shaper tip is aimed in a direction that is safe, prior to opening the supply valve.

WARNING: Ensure the thread on the shaper tip is matched to the thread on the monitor.

PRODUCT CAUTIONS:
CAUTION: For use with fresh water or standard fire fighting foams only. Not recommended for use with salt water. After use with foam or salt water, rinse with fresh water.

CAUTION: For fire fighting use only.

CAUTION: Do not over tighten the shaper tip onto the monitor.

CAUTION: The shaper tip is configured for optimum performance. Do not alter in any manner.

CAUTION: Your shaper tip should be inspected prior to and after each use, to ensure it is in good operating condition. Periodically, an unanticipated incident may occur where the shaper tip is used in a manner that is inconsistent with standard operating practices and those listed in IFSTA. A partial list of potential misuses follows:

- Operating above maximum rated pressure and flow.
- Not draining, and allowing water to freeze inside.
- Dropping the shaper tip from a height where damage is incurred.
- Operating in a corrosive environment.
- Other misuse that might be unique to your specific fire fighting environment.

There are many “tell tale” signs that indicate repair or replacement is in order, such as:

- Poor stream quality.
- Excessive thread wear.
- Water leaks.

If any of the above situations are encountered, the shaper tip should be taken out of service and replaced or repaired, plus tested by a qualified maintenance mechanic, prior to placing it back in service.

OPERATING INSTRUCTIONS
- Thread the shaper tip onto the monitor.
- Slowly open the supply valve.
- When finished, slowly close the supply valve.

MAINTENANCE
- Under normal conditions, periodically clearing debris from around the shaper inserts will allow the shaper tip to operate as designed.
- Over time the gasket and shaper inserts may need replaced. This can be accomplished by purchasing the appropriate Akron repair parts. Use qualified maintenance mechanics or return the shaper tip to Akron Brass for repair.