WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy such warranty. However, we shall not be liable for incidental or consequential damages. Claims for replacement must be returned to us with proof of purchase within thirty (30) days from the date of delivery. Further, Akron Brass reserves the right to determine whether a product is defective, and whether warranty claims will be honored. Only products that are returned to Akron Brass freight prepaid shall be considered for warranty claims. Claims based on other than defects in materials or workmanship shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service.

We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or warnings; or any other cause. We shall not in any event be liable for any special, indirect, incidental, or consequential damages, including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

ISO 9001 REGISTERED COMPANY

PHONE: 330.264.5678 or 800.228.1161  I  FAX: 330.264.2944 or 800.531.7335  I  akronbrass.com

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FOR:

Field Service Kit

Style 9179

4863 Mid-Range Assault w/Pistol Grip
4862 Mid-Range Assault
4825 2 1/2" High Range Assault w/Pistol Grip
4823 1 1/2" High Range Assault w/Pistol Grip
4822 1 1/2" High Range Assault
4820 1 1/2" Assault w/Pistol Grip
4862 Mid-Range Turbojet w/Pistol Grip
4863 Wide-Range Turbojet w/Pistol Grip
Style 9179
Field Service Kit

Parts included in this kit are normally all that are required to repair leaks in the shutoff area. If additional nozzle components are required, contact Akron Brass for the appropriate technical service bulletin or return the nozzle to our factory: Akron Brass Co., Old Mansfield Rd., Wooster, Ohio 44691.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Turbine Teeth</td>
<td>772160</td>
</tr>
<tr>
<td>1</td>
<td>Turbine Teeth</td>
<td>772153</td>
</tr>
<tr>
<td>2</td>
<td>O-Ring (2)</td>
<td>757269</td>
</tr>
<tr>
<td>3</td>
<td>O-Ring (2)</td>
<td>757422</td>
</tr>
<tr>
<td>4</td>
<td>Seat (2)</td>
<td>769243</td>
</tr>
<tr>
<td>5</td>
<td>Ball</td>
<td>704029</td>
</tr>
<tr>
<td>6</td>
<td>O-Ring</td>
<td>757265</td>
</tr>
<tr>
<td>7</td>
<td>Gasket 1-1/2”</td>
<td>717042</td>
</tr>
<tr>
<td>7</td>
<td>Gasket 2-1/2”</td>
<td>717043</td>
</tr>
<tr>
<td>8</td>
<td>Roll Pin (2)</td>
<td>744062</td>
</tr>
</tbody>
</table>
USE THESE ILLUSTRATIONS TO IDENTIFY THE VARIOUS PARTS IN THIS KIT

Item No. 1
PN 7-72-160
2 1/2" Turbine Teeth

PN 7-72-153
Mid-Range Turbine Teeth
(Not Shown)

Item No. 2
PN 7-57-269
O-Ring (2)
Handle Trunnions

Item No. 3
PN 757-422
O-Ring (2)

Item No. 4
PN 7-69-243
Seat (2)

Item No. 5
PN 7-04-029
Shutoff Ball

Item No. 6
PN 7-57-265
O-Ring
Inlet Adapter

Item No. 7
PN 7-17-042
1-1/2" Swivel Gasket

PN 7-17-043
2-1/2" Swivel Gasket
(Not Shown)

Rivet
PN 7-54-003
USE TO DRIVE OUT ROLL PINS IN HANDLE TRUNNIONS
DISASSEMBLY

1. Remove the swivel gasket (7).
2. Remove the set screw (A) at the swivel end of the shutoff body (B) with a 1/8" Allen wrench.
3. Insert a tool 1-1/16" square into the grooves in the swivel adapter (D) and remove (counterclockwise).
4. Remove the O-Ring (6) from the inlet adapter (C or D).
5. Remove the seat and O-Ring (4 and 3) from the inlet adapter (C or D).
6. Turn the handle (E) into the open position and remove the ball (5).
7. Mark the end of the trunnions (F) and handle so they can be reassembled in exactly the same position. (Use chalk, grease pencil, etc.).
8. Take the rivet supplied in the service parts kit and drive out the roll pins (8) securing the handle to the trunnions.
9. Push the trunnions into the shutoff body until they are free. Remove the handle and trunnions.
10. Remove the O-Rings (2) from the trunnions.
11. Remove the front seat and O-Ring (4 and 3). Depending on the age of the nozzle the seat may not have an O-Ring. The new seats must be installed with an O-Ring.
12. Remove the two set screws (H) on the turbine retaining ring (I) with a 3/32" Allen wrench.
13. Remove the turbine retaining ring.
14. Remove the turbine teeth (1).

REASSEMBLY

NOTE: All O-Rings must be lubricated with Parker-O-Lube or equivalent before assembly.

1. Install the new O-Rings (3) on the new seats (4).
2. Insert one new seat with O-Ring into the shutoff body (B).
3. Install the new O-Rings (2) on the trunnions (F).
4. Place the handle (E) over the trunnions holes with the “closed” lettering facing the inlet.
5. Install the trunnions from inside the shutoff body, using the marks (Disassembly Step 7) to position properly.
6. Install the roll pins (8) to secure the handle to the trunnions.
7. Turn the handle into the open position and insert the new ball (5).
8. Install the other new seat with O-Ring into the recess of the inlet adapter (D), or pistol grip (C).
9. Install the new O-Ring (6) in the shutoff body recess.
10. With the handle in the closed position, thread the swivel adapter into the shutoff body.
    NOTE: Continue tightening until resistance is felt when opening and closing the shutoff.
11. Install the new swivel gasket (7).
12. Install the new turbine teeth (1).
13. Line up screw holes with the holes in the nozzle body and place the turbine retaining ring (I) back into position.
14. Apply Loctite 222 or equivalent to set screws (H) and install and tighten.
15. Test the nozzle with water to determine if the shutoff functions properly. If a small leak is present, tighten the inlet adapter slightly to eliminate the leak.
16. Once the shutoff functions properly, observe the inlet adapter through the set screw hole in the shutoff body. If a full thread is visible, drill a slight recess for the set screw (A) (with a 3/16 drill bit). Apply Loctite 222 or equivalent to the set screw and install and tighten.