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 these warranties. The warranties 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... but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

REVISED: 8/11

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

ISO 9001 REGISTERED COMPANY

Style 9184 Field Service Kit
SaberJet™ Nozzles

For
Style 9184

AKRON BRASS COMPANY

© Akron Brass Company. 2011 All rights reserved. No portion of this can be reproduced without the express written consent of Akron Brass Company.
Style 9184
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 or Akron Manufacturing Co., P.O. Box 280, Aylmer, Ontario N5H 2R9.

<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>7-72-160</td>
</tr>
<tr>
<td>2</td>
<td>O-Ring (2)</td>
<td>7-57-269</td>
</tr>
<tr>
<td>3</td>
<td>Roll Pin (2)</td>
<td>7-44-062</td>
</tr>
<tr>
<td>4</td>
<td>O-Ring</td>
<td>7-57-400</td>
</tr>
<tr>
<td>5</td>
<td>Seat Front</td>
<td>7-69-705</td>
</tr>
<tr>
<td>6</td>
<td>Ball</td>
<td>7-04-755</td>
</tr>
<tr>
<td>7</td>
<td>Seat Rear</td>
<td>7-69-704</td>
</tr>
<tr>
<td>8</td>
<td>O-Ring</td>
<td>7-57-336</td>
</tr>
<tr>
<td>9</td>
<td>O-Ring</td>
<td>7-57-413</td>
</tr>
<tr>
<td>10</td>
<td>1(\frac{1}{2}) Gasket</td>
<td>7-17-042</td>
</tr>
<tr>
<td>11</td>
<td>2(\frac{1}{2}) Gasket</td>
<td>7-17-043</td>
</tr>
</tbody>
</table>
Item No. 1
PN 7-72-160
Turbine Teeth

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

Item No. 3
PN 7-44-062
Roll Pin (2)

Item No. 4 & 8
PN 7-57-400
PN 7-57-336

Item No. 5 & 7
PN 7-69-705
Front Seat
PN 7-69-704
Rear Seat

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

Item No. 6
PN 7-04-755 Ball

Item No. 9
PN 7-57-413
O-Ring
Inlet Adapter

Item No. 10
PN 7-17-042
Swivel Gasket 1 1/2"

Item No. 11
PN 7-17-043
Swivel Gasket 2 1/2"
FIELD SERVICE KIT INSTRUCTIONS

DISASSEMBLY

1. Remove the swivel gasket (10 or 1).
2. Remove the set screw (A) at the swivel end of the shut-off body using a 1/8" Allen wrench.
3. Insert a square tool 1/32" square into the grooves in the swivel adapter (C) and remove (counterclockwise).
4. Remove the O-Ring (9) from the inlet adapter (C).
5. Remove seat retaining ring (D) from the inlet adapter (C).
6. Remove the rear seat and O-Ring (7 and 8) from the inlet adapter (C).
7. Turn the handle (E) into the open position and remove the ball (6).
8. Mark the end of the trunnions (F) and handle so they can be reassembled in exactly the same position. (Use chalk, grease pencil, etc.).
9. Take the rivet supplied in the service parts kit and drive out the roll pins (3) securing the handle to the trunnions.
10. Push the trunnions into the shutoff body until they are free. Remove the handle and trunnions.

11. Remove the O-Rings (2) from the trunnions.
12. Remove the front seat and O-Ring (4 and 5).
13. Remove the two set screws (G) on the turbine retaining ring (H) with a 1/32" Allen wrench.
14. Remove the turbine retaining ring (H).
15. Remove the turbine teeth (I).

NOTE: All O-Rings must be lubricated with O-Ring grease before assembly.

ASSEMBLY

1. Install the new O-Ring (4) on the new front seat (5).
2. Insert the 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 new roll pins (3) to secure the handle to the trunnions.
7. Turn the handle into the open position and insert the new ball (6).
8. Install the other new rear seat (7) with O-Ring (8) into the recess of the inlet adapter (C).
9. Install the seat retaining ring (D) into the inlet adapter (C).
10. Install the new O-Ring (7) in the shutoff body recess.
11. With the handle in the closed position, thread the inlet adapter into the shutoff body. (Continue tightening until resistance is felt when opening and closing the shutoff.)
12. Install the new swivel gasket (10 or 11).
13. Install the new turbine teeth (I).
14. Line up screw holes with the holes in the nozzle body and place the turbine retaining ring (H) back into position.
15. Install and tighten the set screws (G) which secure the retaining ring.
16. Test the nozzle with water to determine if the shutoff functions properly. If a small leak is present, tighten the swivel adapter slightly to eliminate the leak.
17. Once the shutoff functions properly, observe the swivel adapter through the set screw hole in the shutoff body. If a full thread is visible, drill a slight recess for the set screw (use a 1/32" drill bit). Install and tighten the set screw (A).