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 the warranty. When damaged, Akron Brass will repair or replace product which fails to satisfy the warranty. When damaged, Akron Brass will repair or replace product which fails to satisfy the warranty. When damaged, Akron Brass will repair or replace product which fails to satisfy the warranty.

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 any other cause. The warranty does not cover the cost of shipping or the cost of labor. No person has authority to change this warranty.

REVISED: 8/11

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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<table>
<thead>
<tr>
<th>Style 9180</th>
<th>Field Service Kit</th>
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<tbody>
<tr>
<td>1&quot; Turbojet with Pistol Grip</td>
<td>102</td>
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<tr>
<td>1&quot; Turbojet</td>
<td>101</td>
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<tr>
<td>1&quot; Assault with Pistol Grip</td>
<td>4802</td>
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<tr>
<td>1&quot; Assault</td>
<td>4801</td>
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</table>

FOR:
AKRON BRASS COMPANY
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>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td>1</td>
<td>717047</td>
<td>GASKET</td>
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<td>2</td>
<td>769245</td>
<td>SEAT NOZ 1 1/2 UHMW MACH COMP POLYETHYLENE</td>
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<td>3</td>
<td>757375</td>
<td>O-RING 2-225 N674-70 2-1/8OD X 1-7/8ID</td>
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<td>4</td>
<td>704490</td>
<td>BALL CELCON T ASSAULT 4802</td>
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<td>5</td>
<td>757281</td>
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<td>6</td>
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<td>TUNNION T ASSAULT HC SERV 1998</td>
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<td>9</td>
<td>744080</td>
<td>ROLL-PINS</td>
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<td>N/A</td>
<td>754003</td>
<td>PIN REMOVAL RIVET</td>
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</tbody>
</table>

USE PARKER-O-LUBE ON ALL O-RINGS AND ALL MATING SURFACES
DISASSEMBLY

1. Remove the swivel gasket (I).
2. Remove the set screw (A) at the swivel end of the shutoff body (B) with a 1/8” Allen wrench.
3. Insert .740” square Tool into the grooves in the swivel adapter (C) and remove (counterclockwise).
4. Remove the O-Ring (3) from the inlet adapter (B or C).
5. Remove the seat (2) and Spring (H) from the inlet adapter.
6. Turn the handle (E) into the open position and remove the ball (4).
7. Mark the end of the trunnions (E) 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 (9) 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 (6) and spacers (7) from the trunnions.
11. Remove the front seat and O-Ring (2 and 5). 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 screws (G) on the turbine retaining ring (F) with a 3/32” Allen wrench.
13. Remove the turbine retaining ring.
14. Remove the turbine teeth (8).

REASSEMBLY

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

1. Install the new O-Ring (5) on the new seats (2).
2. Insert one new seat with O-Ring into the shutoff body (B).
3. Install the new O-Rings (6) on the trunnions (E).
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 (9) to secure the handle to the trunnions.
7. Turn the handle into the open position and insert the new ball (4).
8. Install the other seat without O-Ring and install Spring (H).
9. Install the new O-Ring (3) 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 (I).
12. Install the new turbine teeth (8).
13. Line up screw holes with the holes in the nozzle body and place the turbine retaining ring (F) back into position.
14. Apply Loctite 222 or equivalent to 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.