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. The warranty does not cover any damage which occurs in shipping or through the use of the product. The warranty does not extend to any product which has been altered, abused, misused, or damaged by accident. Akron Brass may charge a service fee for any warranty service rendered. The warranty does not apply to any product which has been returned for warranty service. Repair or modification of the product after delivery, or use of the product contrary to the instructions, warnings, or cautions furnished in the instruction manual, or use of the product in a manner that is not normal for its intended use, or failure to maintain or store the product properly, or negligence of the owner or user, or any act of God, shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service.

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REvISED: 7/11

Style 9115
Field Service Kit for:
1701P 1702P
4612 4613
1701 1702
4612 4613
1" Marauder with Pistol Grip
1" Marauder (Chrome)
1" Turbojet with Pistol Grip (Pyro lite)
1" Turbojet (Chrome) (Pyro lite)
1" Turbojet with Pistol Grip
1" Turbojet (Pyro lite) with Pistol Grip

REGISTERED TRADEMARK

The 9115 Kit can be used to repair the following products:
1701, 1701P
4612
1702, 1702P
4613

ISO 9001 REGISTERED COMPANY

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USE THESE ILLUSTRATIONS TO IDENTIFY THE VARIOUS PARTS IN THIS KIT

Item No. 1
PN-7-72-024
Turbine Teeth

Item No. 2
PN 7-57-034
O-Ring (2)
Handle Trunnion

Item No. 3
PN 7-57-050
O-Ring (2)
Rubber Seat

Item No. 4
PN 7-69-245
Seat (2)

Rivet
PN 7-54-003
Use to drive out Roll Pins in Handle Trunnions

Item No. 5
PN 7-04-006
Shutoff Ball

Item No. 6
PN 7-57-032
O-Ring
Inlet Adapter

Item No. 7
PN 7-17-047
Swivel Gasket

Item No. 8
PN 7-44-080
Roll Pin (2)
STYLE 9115
FIELD SERVICE KIT

FOR:

1701P  1” Turbojet® (Pyrolite®)
1702P  1” Turbojet with Pistol Grip (Pyrolite)
1701  1” Turbojet (Chrome)
1702  1” Turbojet with Pistol Grip (Chrome)

4612  1” Marauder
4613  1” Marauder with Pistol Grip

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 NSH289.
## FIELD SERVICE KIT INSTRUCTIONS

### DISASSEMBLY

1. Remove the swivel gasket (7).
2. Remove the set screw (A) at the swivel end of the shutoff body (B), with a \( \frac{1}{8} \)" Allen wrench.
3. Insert a tool \( \frac{7}{16} \)" square (for a 1" swivel adapter) into the grooves in the swivel adapter (C) and remove counterclockwise.
4. Remove the O-Ring (6) from the inlet adapter (C).
5. Remove the seat and O-Ring (4 and 3) from the inlet adapter (C).
   NOTE: Any plastic spacer rings(s) must remain in the inlet adapter recess under the seat and O-Ring for proper reassembly.
6. Turn the handle (D) into the open position and remove the ball (5).
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 (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).
12. Remove the two set screws (G) on the turbine retaining ring (H) with a \( \frac{3}{32} \)" Allen wrench.
13. Remove the turbine retaining ring.
14. Remove the turbine teeth (1).

### ASSEMBLY

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

1. Install the new O-Ring (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 (E).
4. Place the handle (D) 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 (C).
   NOTE: To be placed above the plastic spacer ring(s) if so equipped.
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 the screw holes with the holes in nozzle body and place the turbine retaining ring (H) back into position.
14. Install and tighten the set screws (G) which secure the retaining ring. Use Loctite 222 or Permabond LM113
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 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) (use a \( \frac{1}{8} \)" drill bit.) Install and tighten the set screw. Use Loctite 222 or Permabond LN113.