

The 9515 Kit can be used to repair the following products:



- 3716**
- 3718 (not shown)**
- 3719 (not shown)**
- 3721 (not shown)**
- 1741P (not shown)**

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800.5317335 | akronbrass.com REVISED: 7/11

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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 recommendations or anything else beyond our control. **WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.** Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.



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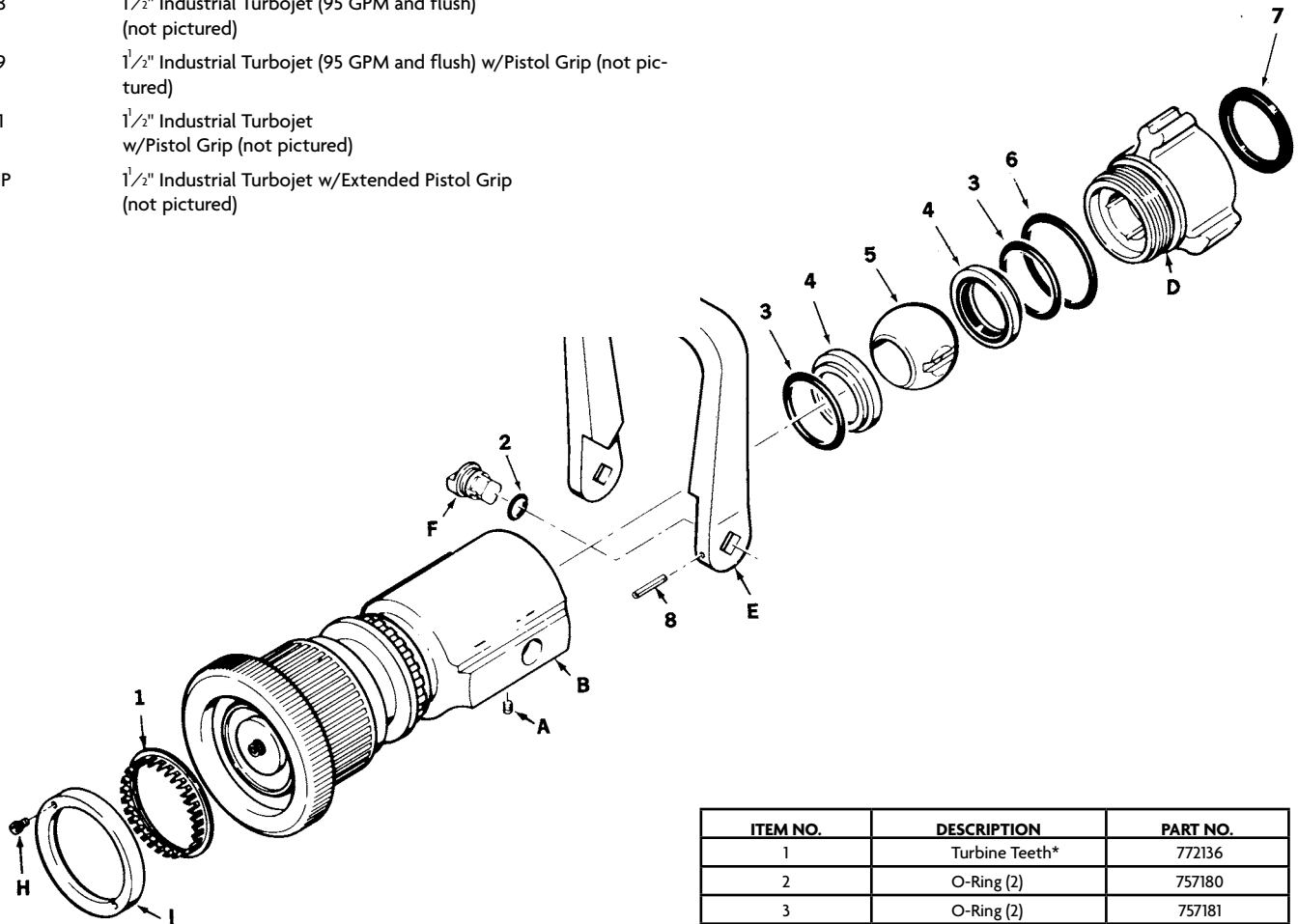


Style 9515 Field Service Kit for:

- 3716** 1/2" Industrial Turbojet®
- 3718** 1/2" Industrial Turbojet (95 GPM and Flush)
- 3719** 1/2" Industrial Turbojet (95 GPM and Flush) w/Pistol Grip
- 3721** 1/2" Industrial Turbojet w/Pistol Grip
- 1741P** 1/2" Industrial Turbojet w/Extended Pistol Grip

Style 9515 Field Service Kit for:

- 3716 1½" Industrial Turbojet®
- 3718 1½" Industrial Turbojet (95 GPM and flush)
(not pictured)
- 3719 1½" Industrial Turbojet (95 GPM and flush) w/Pistol Grip (not pic-
tured)
- 3721 1½" Industrial Turbojet
w/Pistol Grip (not pictured)
- 1741P 1½" Industrial Turbojet w/Extended Pistol Grip
(not pictured)



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.

ITEM NO.	DESCRIPTION	PART NO.
1	Turbine Teeth*	772136
2	O-Ring (2)	757180
3	O-Ring (2)	757181
4	Seat (2)	769245
5	Ball	704006
6	O-Ring	757182
7	Gasket	717042
8	Roll Pin (2)	744164

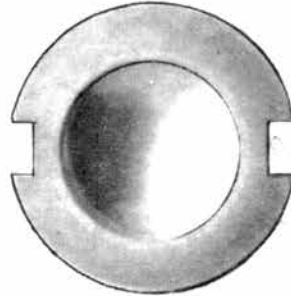
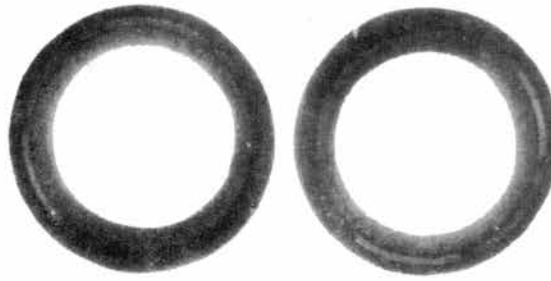
*Do Not Cut Turbine Teeth.

USE THESE ILLUSTRATIONS TO IDENTIFY THE VARIOUS PARTS IN THIS KIT

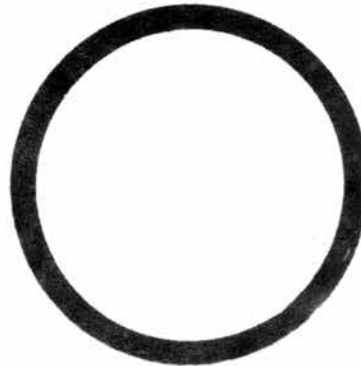
Item No. 1
PN 7-72-136
Turbine Teeth
NOTE: Do Not Cut
Turbine Teeth.



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



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

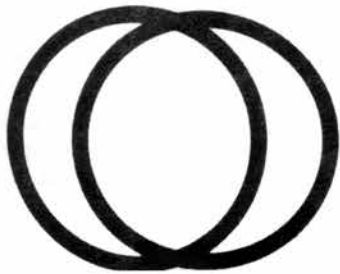


Item No. 6
PN 7-57-182
O-Ring
Inlet Adapter

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



Item No. 2
PN 7-57-180
O-Ring (2)
Handle Trunnions



Item No. 3
PN 7-57-181
O-Ring (2)



Item No. 7
PN 7-17-042
Swivel Gasket

Item No. 8
PN 7-44-164
Roll Pins (2)



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. a) For Style 1741, unscrew the pistol grip extension. Then for all three styles, insert a tool $\frac{13}{16}$ " 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).

NOTE: Any plastic spacer ring(s) must remain in the inlet adapter recess under the seat and O-Ring for proper reassembly.
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 $\frac{3}{32}$ " Allen wrench.
13. Remove the turbine retaining ring.
14. Remove the turbine teeth (I).

ASSEMBLY

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

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:
 - a) For Style 1741 thread the pistol grip extension 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 (I).
 13. Line up screw holes with the holes in the nozzle body and place the turbine retaining ring (I) back into position.
 14. Install and tighten the set screws (H) which secure the retaining ring.
 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 $\frac{3}{16}$ drill bit). Install and tighten the set screw.