

**The 9164 Kit can be used to  
repair the following products:**



2074

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or  
800.531.7335 | [akronbrass.com](http://akronbrass.com) REVISED: 7/11

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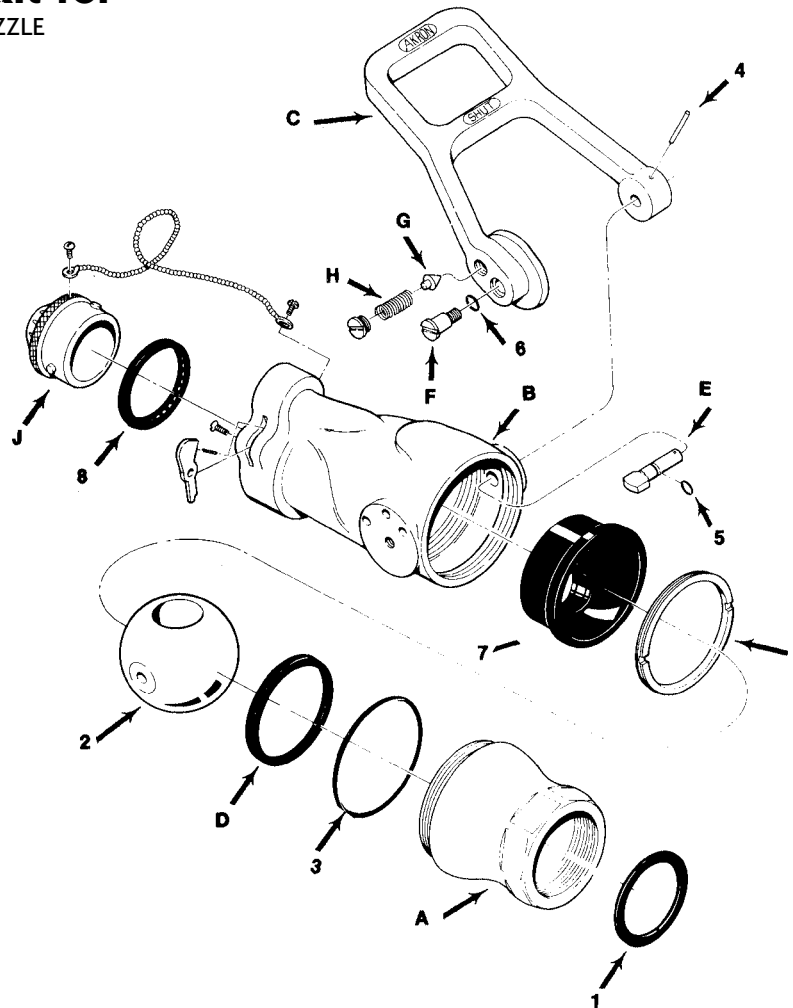
**Style 9164  
Field Service Kit  
for:**

2074

2 1/2" Navy Nozzle

110126

## Style 9164 Field Service Kit for 2074 2-1/2" NAVY NOZZLE



ITEM NO.	DESCRIPTION	PART NO.
1	Hose End Gasket	7-17-043
2	Ball	7-04-101
3	Hose End O-Ring	7-57-253
4	Handle Roll Pin	7-44-086
5	Handle Shaft O-Ring	7-57-255
6	Handle Stud O-Ring	7-57-254
7	Seat	108978
8	Tip Gasket	7-16-041

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.

# FIELD SERVICE KIT INSTRUCTIONS

## DISASSEMBLY

1. Remove hose end gasket (1).
2. Place the hose end (A) in a vice securing on the wrenching flats. Do not overtighten or the hose end thread may be squeezed out of round. Note: Place a block of wood narrower than the hose end on the vice slide to steady the nozzle. This will help eliminate the need to overtighten.
3. With a propane torch, evenly heat the circumference where the hose end joins the body (B). This softens the Loctite sealant on the threads.
4. Turn the nozzle counterclockwise to remove from the base. Note: A sturdy dowel may be placed through the handle (C) to aid in turning.
5. Place the handle in the closed position and remove the ball (2). Note: Nozzle manufactured prior to 1983 will have a rear seat (D), which should be removed. The seat is not needed for reassembly.
6. Remove the O-Ring (3) from the hose end.
7. With a  $\frac{3}{16}$ " punch drive out the roll pin (4) securing the handle to the handle shaft (E). Be careful not to enlarge the hole.
8. Push the handle shaft into the body and remove.
9. Remove the O-Ring (5) from the handle shaft.
10. With a propane torch, heat the handle stud (F) and remove with a large screwdriver.
11. Remove the handle, being careful not to lose the plunger pin (G) and spring (H).
12. Remove the O-Ring (6) from the handle stud.
13. Secure a steel plate 6" long x  $3\frac{1}{4}$ " wide x  $\frac{3}{16}$ " thick in a vice and place the nozzle over the plate so that the plate fits into the seat retaining ring (I) slots. Turn the nozzle counter clockwise and remove the retaining ring.
14. The seat is secured with a latex adhesive. With a sturdy screwdriver, pry the edges of the seat (7) from the body and remove. Note: Be careful not to damage the threads in the body.
15. Detach the tip (J) from the body and remove the tip gasket (8).

## ASSEMBLY

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

1. Install the new tip gasket (8).
2. Apply latex adhesive to the back of the new seat (7) and install. Be sure to align the holes in the seat with the holes in the body (B).
3. Thread the seat retaining ring (I) back into the body (B). Tighten with the metal plate used to remove.
4. Install the new O-Ring (6) on the handle stud (F).
5. With the plunger pin (G) and spring (H) in place, put the handle (C) in position over the body.
6. Apply number 227 Loctite or equivalent to the threads on the handle stud (F) and install.
7. Install the new O-Ring (5) on the handle shaft (E).
8. Install the handle shaft (E) from inside the body (B) and secure it with the new handle roll pin (4).
9. Place the handle in the closed position and install the new ball (2).
10. Place the new O-Ring (3) on the hose end (A).
11. Place the hose end (A) in a vice as in disassembly Step (2). Apply number 277 Loc-tite or equivalent to the threads and thread the body onto the hose ends.
12. Install the new hose end gasket (1).