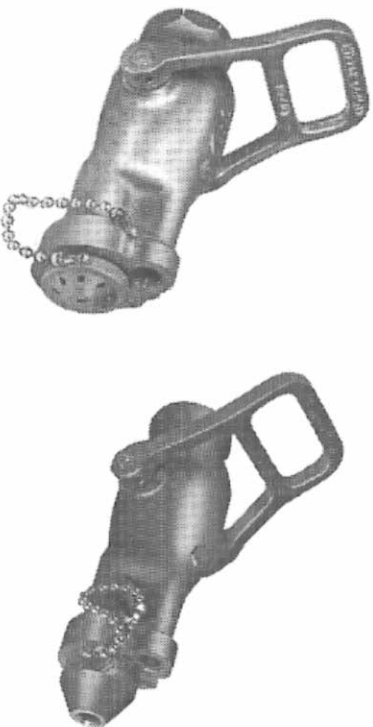


**THE 9163 KIT CAN BE USED TO REPAIR THE
FOLLOWING PRODUCTS:**



2069

2032

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or
800.531.7335 | akronbrass.com REVISED: 7/11

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 this warranty. Repair or replacement 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 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.



ISO 9001 REGISTERED 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 9163
FIELD SERVICE KIT FOR:**

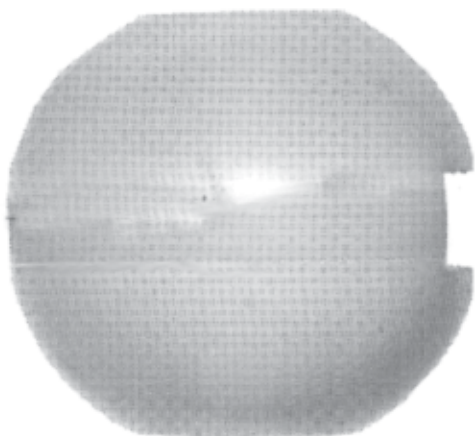
2069 1-¹/₂" Navy Nozzle
2032 1-¹/₂" Coast Guard
Approved Nozzle

USE THESE ILLUSTRATIONS TO IDENTIFY THE VARIOUS PARTS IN THIS KIT.

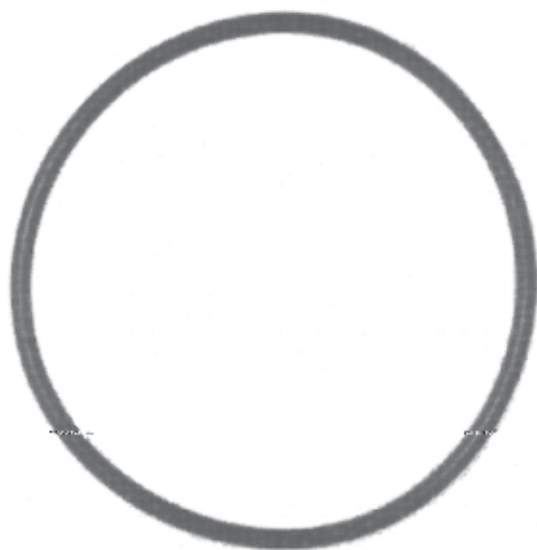
Item No. 1
PN-7-17-042
Hose End Gasket



Item No. 2
PN-7-04-100
Ball



Item No. 3
PN-7-57-107
Hose End
O-Ring



Item No. 4
PN-7-44-084
Handle Roll Pin



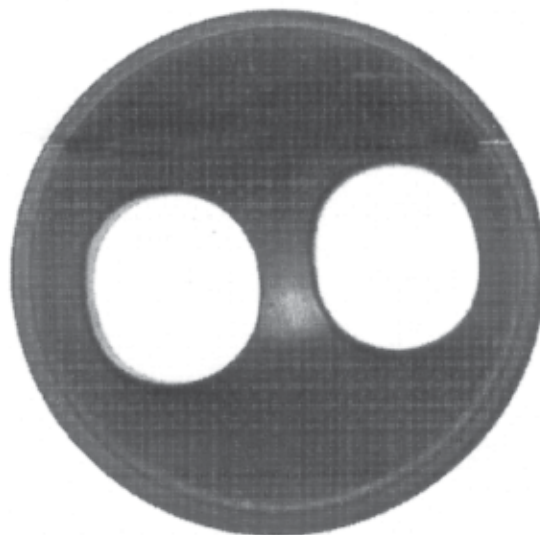
Item No. 5
PN-7-57-095
Hand Shaft O-Ring



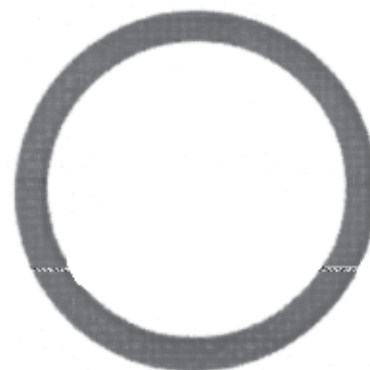
Item No. 6
PN-7-57-005
Handle Stud O-Ring



Item No. 7
PN-7-68-091
Seat



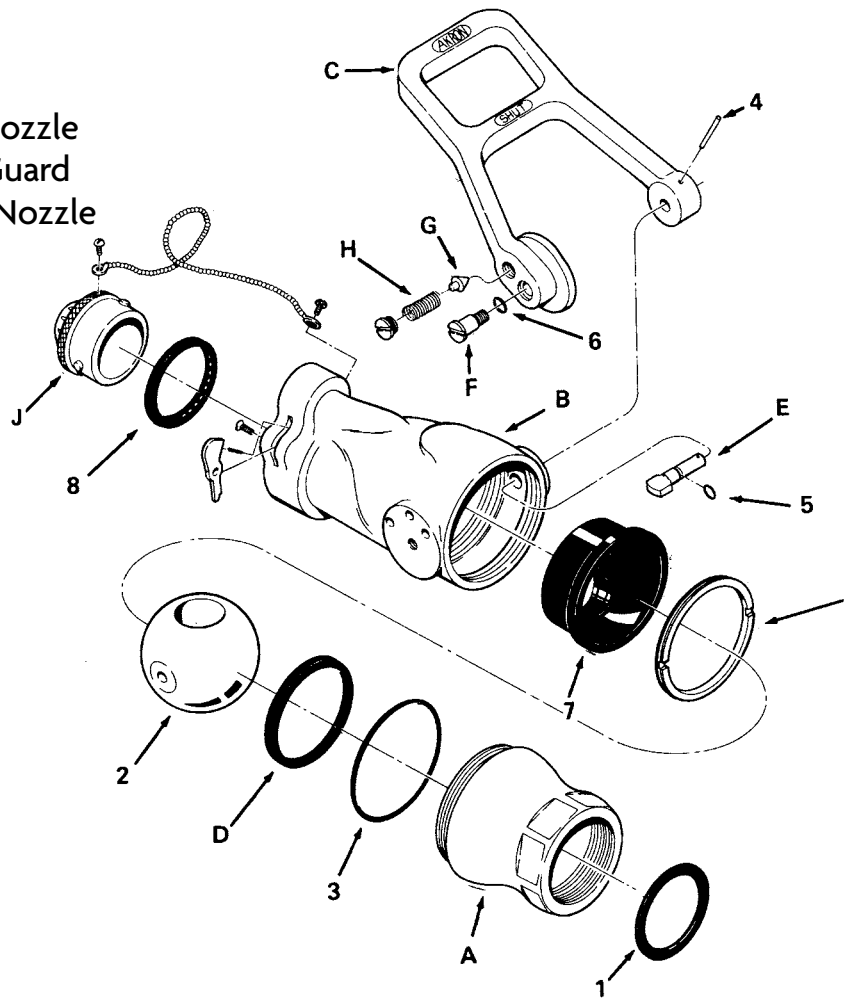
Item No. 8
PN-7-16-041
Tip Gasket



STYLE 9163

FIELD SERVICE KIT FOR:

2069 1-1/2" Navy Nozzle
 2032 1-1/2" Coast Guard
 Approved Nozzle



ITEM NO.	DESCRIPTION	PART NO.
1	Hose End Gasket	7-17-042
2	Ball	7-04-100
3	Hose End O-Ring	7-57-107
4	Handle Roll Pin	7-44-084
5	Handle Shaft O-Ring	7-57-095
6	Handle Stud O-Ring	7-57-005
7	Seat	7-68-091
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.

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: Nozzles 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 $\frac{1}{8}$ " 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 $2\frac{11}{16}$ " 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 counterclockwise 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).

REASSEMBLY

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 277 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 Loctite or equivalent to the threads and thread the body onto the hose end.
12. Install the new hose end gasket (1).