

The 9153 Kit can be used to repair the following products:



2581 LEADER LINE WYE

2580 & 2681 NOT SHOWN



STYLE 9153 Field Service Kit for

2580 Pyrolite™ Wye
2581 Pyrolite™ Wye
2681 Brass Wye



Tested... Proven... Trusted.

ISO 9001 REGISTERED COMPANY

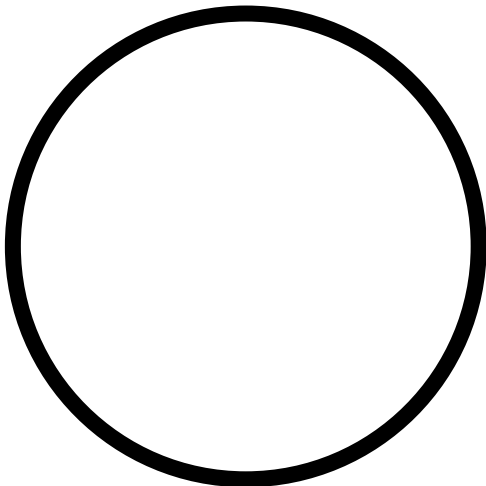
PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or
800.531.7335 | akronbrass.com REVISED: 7/11

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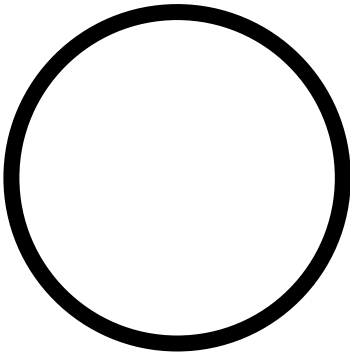
USE THESE ILLUSTRATIONS TO IDENTIFY THE VARIOUS PARTS IN THIS KIT.



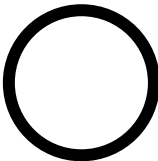
Item No. 1
P/N 7-57-021
O-Ring (2)
Male Adapter



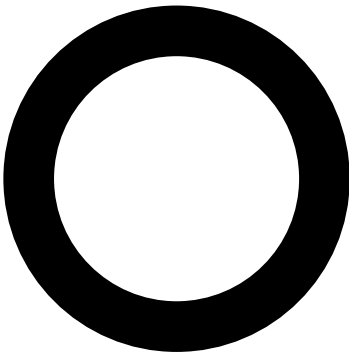
Item No. 5
P/N 7-57-180
O-Ring (2)
Threaded Trunnion



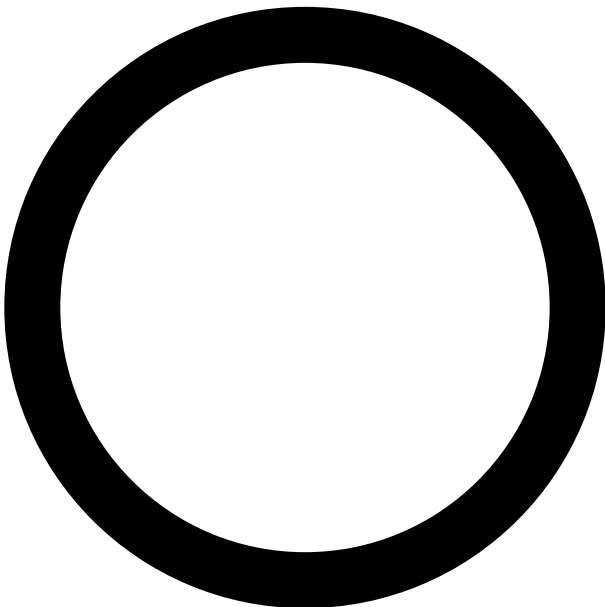
Item No. 2
P/N 7-57-197
O-Ring Seat (2)



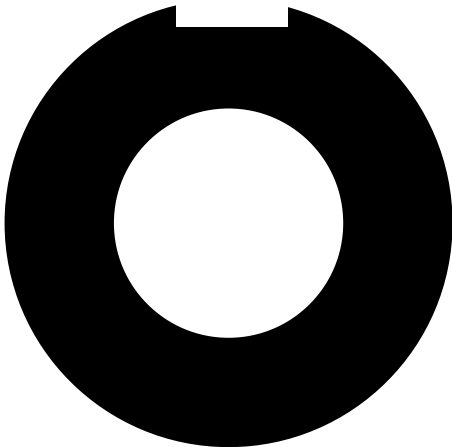
Item No. 6
P/N 7-57-174
O-Ring (2)
Handle Trunnion



Item No. 3
P/N 7-69-243
Seat (2)



Item No. 7
P/N 7-17-043
2 1/2" Swivel Gasket

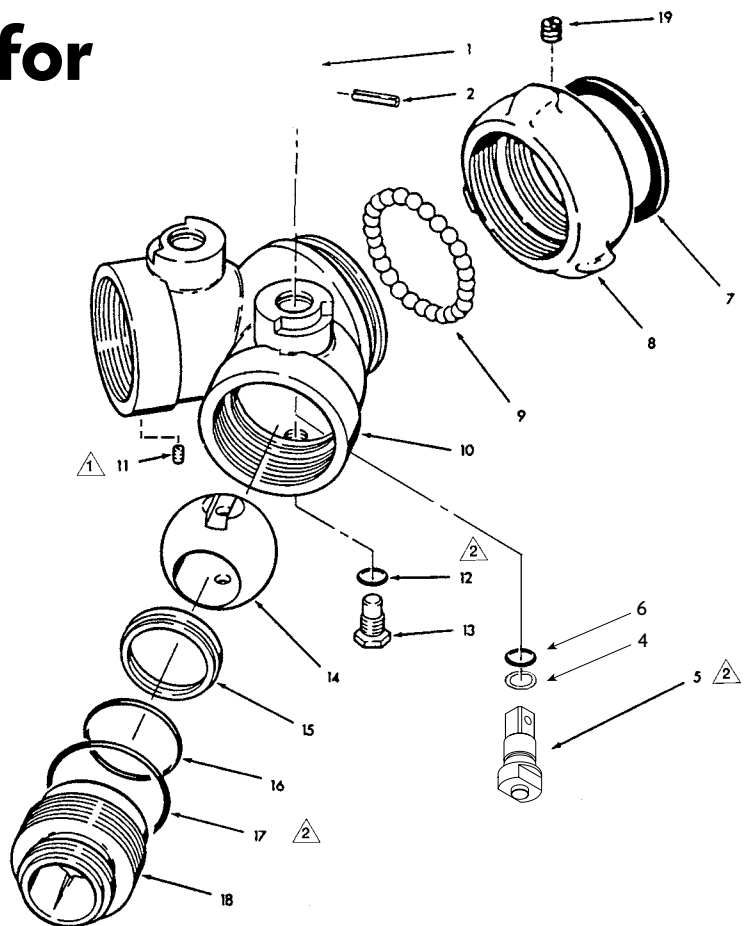


Item No. 4
P/N 7-03-151
Ball (2)

Item No. 7
P/N 7-17-042
1 1/2" Swivel Gasket
Not Shown

STYLE 9153 Field Service Kit for

2580 Pyrolite® Wye
2581 Pyrolite Wye
2681 Brass Wye



**DESIGNED FOR NORMAL
FIRE FIGHTING PRESSURES.**

DO NOT OPERATE AT OVER 250 PSI.

ITEM NO.	DESCRIPTION	PART NO.
6	O-Ring (2)	7-57-174
7	2 1/2" Gasket	7-17-043
7	1 1/2" Gasket	7-17-042
12	O-Ring (2)	7-57-180
14	Ball (2)	7-03-151
15	Seat (2)	7-69-243
16	O-Ring (2)	7-57-197
17	O-Ring (2)	7-57-021

Parts included in this kit are normally all that are required to repair leaks in the valve. If additional components are required, contact Akron Brass Customer Service or return the valve to our factory: Akron Brass Company, 1615 Old Mansfield Road, Wooster, Ohio 44691 or Akron Manufacturing Company, P.O. Box 280, Alymer, Ontario N5H 2R9.

FIELD SERVICE KIT INSTRUCTIONS

DISASSEMBLY

1. Remove the (10-24) set screws (11) at the two discharge end of the wye body (10). This will require a $\frac{3}{32}$ " Allen wrench.
2. Insert a tool $\frac{13}{16}$ " square into the grooves in the male adapters (18) and remove (counterclockwise).
3. Remove the O-Rings (17) located in the discharge end of the wye body.
4. Remove the seats (15) and O-Rings (16) from the wye body.
5. Remove the threaded trunnions (13) on the bottom of the wye body with a $\frac{5}{8}$ " wrench.
6. Remove the O-Rings (12) from the threaded trunnions.
7. Turn the handles (1) into the open position and remove the balls (14).
8. With a $\frac{3}{16}$ " punch, drive out the roll pins (2) securing the handles to the handle trunnions (5).
9. Remove the handles.
10. Mark the end of the handle trunnions and wye body so they can be reassembled in exactly the same position (Use chalk, grease pencil, etc.)
11. Remove the handle trunnions by pushing into the body.
12. Remove the O-Rings (6) from the handle trunnions.
13. Remove the swivel gasket (7).

ASSEMBLY

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

1. Install the new swivel gasket (7).
2. Install the new O-Rings (6) on the handle trunnions (5).
3. Be sure the thrust ring is seated on the trunnion. Then install the handle trunnions from inside the wye body (10), using the marks (disassembly step #10) to position properly.
4. Position the handles (1) in the open position and place them over the handle trunnions.
5. Re-install the roll pins (2) to secure the handles to the handle trunnions.
6. With the handles in the open position insert the new balls (14).
7. Install the new O-Rings (12) on the threaded trunnions (13).
8. Install the threaded trunnions.
9. Install the new O-Rings (16) on the new seats (15).
10. Install the new O-Rings (17) in the discharge end of the wye body.
11. Install the new seats with O-Rings into the wye body.
12. With the handles in the closed position, thread the male adapters (18) into the wye body. (Continue tightening until resistance is felt when opening and closing the handle.)
13. Test the wye with water to determine if the wye functions properly. If a small leak is present, tighten the male adapters slightly to eliminate the leak.
14. Once the wye functions properly, observe the male adapters through the set screw hole. If a full thread is visible, drill a slight recess for the set screw (11) (use a $\frac{25}{64}$ " drill bit). Install and tighten the set screw.