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 those conditions due to defects in materials or workmanship. Repairs and replacements shall be at the option and expense 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 warnings; or any other cause beyond our control. Akron Brass shall not be liable for any loss (including, without limitation, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

Since typical repairs do not require replacement of the metal ball, the ball is not included in this kit. If required, the ball can be ordered separately or a repair kit, including the ball, can be ordered.

For ordering information - See notes below

Phone: 330.264.5678 or 800.228.1161  I  Fax: 330.264.2944 or 800.531.7335  I  akronbrass.com

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 9209 - 1 1/2”
Field Service Kits for:
8815
1 1/2” Valves with Metal Balls
And
8915
1 1/2” Valves with Composite Balls

StyLe 9209 - 1 1/2”
FIELD SERVICE KIT INSTRUCTIONS

DISASSEMBLY

1. Turn the valve ball to the open position.
   Note: If the Valve Handle needs to be removed, the position of the Handle and Stop Plate should first be noted before disassembly.

2. This Valve is designed to “Swing Out” for easy repair.
   In order to swing the Valve, loosen the 4 sets of Adapter Bolts (18), then remove 3 Bolt sets and rotate the Valve for easy repair. If the Valve cannot be rotated, remove the 4th set of Adapter Bolts.

ITEM NO. DESCRIPTION
1 Handle Bolt 765094
2 Handle Washer 784008
3 Handle
4 Stop Plate 742074
5 Trunnion Plate Screws 765028 (4)
6 Handle O-Ring 757009
7 Trunnion Retaining Plate 742079
8 Handle Trunnion 772091
9 Tork-Lok Spring 768318
10 Ball Trunnion 773448
11 Retaining Ring 753153
12 Trunnion O-Ring 757042
15 Threaded Trunnion O-Ring 757034
16 Threaded Trunnion 773092
17 Complete Adapters *
18 Adapter Bolts (8) 761091
19 Ball 109797
20 Seats (2) 769177
21 Valve Body 106312
22 TS Handle Rod — 5" 109948
23 TS Handle Ball 703080
24 TS Handle Hub 721202
25 TS Handle Cover 109916
26 Spacer Handle 769401

*See current Catalog for complete listing handles and adapters.
3. Remove the 2 Seats (20) from the Valve Body (21). It may be necessary to partially close the Ball to grasp the lip of the Seat to remove.
4. Remove the Threaded Trunnion (16).
5. With the Valve in the open position, remove the Metal Ball (19). Clean the Ball with soap and water and inspect for scratches, severe scratches exist the Ball should be replaced.
6. Remove the Ball Trunnion only if leakage has been detected in this area. To remove the Ball Trunnion (15), first remove the Handle Bolt (1), Washer (2), Handle (3), Stop Plate (4) and Handle O-Ring (6).
7. Note the position of the Trunnion Retaining Plate (7), then remove the Trunnion Retaining Plate Screws (5).
8. Remove the Trunnion Retaining Plate Assembly which includes the Trunnion Retaining Plate (7), Spring (9) and Handle Trunnion (8).
9. Remove the Ball Trunnion (10) by pushing it from the inside of the valve.

**REASSEMBLY**
1. Lubricate the O-rings with Parker O-Ring Lubricant or Silicone lubricant. Be sure not to place any lubricant on the Seats or Ball, as this will collect dirt that may cause excess wear.
2. Replace the O-Ring (12) on the Ball Trunnion (10) and reinstall the Trunnion in the Valve Body.
3. Replace the Trunnion Retaining Plate (7) and install the Trunnion Plate Screws (5).
4. Install the Handle O-Ring (6).
5. Position the Handle in the proper position, apply a small amount of Loc-Tite 222, or equivalent, to the Handle Bolt (1) and install the Handle Bolt and the Handle Washer (2).
6. Install the new O-Ring (15) on the Threaded Trunnion (16).
7. Rotate the Handle so the flats on the sides of the Ball Trunnion (10) are parallel to the waterway.
8. Reinstall the Ball (19) over the Ball Trunnion (10) and hold it in position.
9. Install the Threaded Trunnion (16) so it fits in the hole of the Ball. Tighten the Trunnion.
10. Place the new Seats (20) into the recess on either side of the Valve Body (21).
11. Swing the Valve Body back in line. Loosely install the Adapter Bolts (18).
12. Turn the Ball to the closed position. Note: The Ball must be in the closed position before the Adapter Bolts can be tightened.
13. Tighten the Adapter Bolts evenly in an “X” pattern using 215 to 240 inch pounds of torque.

**DO NOT OVER TIGHTEN**

14. Operate the Valve and inspect for leaks.

**OPERATING AND MAINTENANCE INSTRUCTIONS**
Always open and close valves slowly to minimize the effects of water hammer.
Occasionally, flow water through all valves to clear dirt and debris.
Do not exceed 500 psi with 1 1/2” valves.