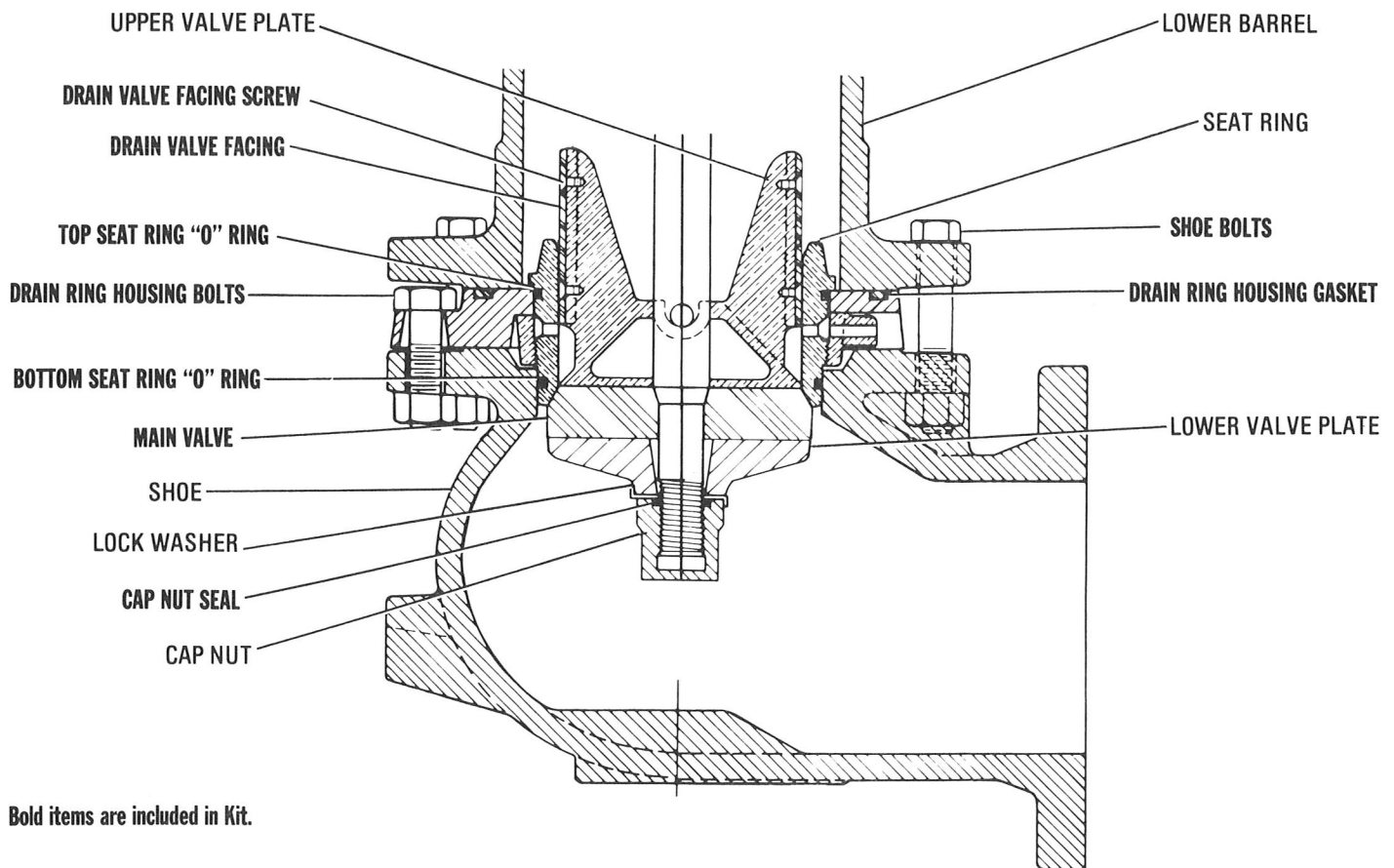


MUELLER® Super Centurion 200™ and Centurion® Fire Hydrant

SHOE REPAIR KIT



Bold items are included in Kit.

IMPORTANT: In order to properly identify the various "O" rings and gaskets included in this kit, carefully observe the locations and relative sizes of "O" rings and gaskets as you remove parts from the hydrant. As old "O" rings and gaskets are removed, match them up with the new ones by comparing sizes.

1. With the main valve removed from the hydrant, straighten Lock Washer and remove Cap Nut, Cap Nut Seal and Lock Washer. (Straighten Lock Washer and retain for later use.)
2. Remove Lower Valve Plate and Main Valve.
3. Remove Seat Ring.
4. On Upper Valve Plate, replace Drain

Valve Facings (2) using new Drain Valve Facing Screws (4).

5. Replace Top and Bottom Seat Ring "O" Rings on Seat Ring. **CAUTION:** "O" Rings are different sizes. Top Seat Ring "O" Ring is identified by a white dot.
6. Slide Seat Ring onto Upper Valve Plate. Be sure the two wings on the Upper Valve Plate engage the slots in the Seat Ring.
7. Install new Main Valve and reinstall Lower Valve Plate and Lock Washer.
8. Reinstall Cap Nut Seal and Cap Nut. Tighten the Cap Nut to 75 ft. lbs. on 4½" hydrants; 100 ft. lbs. on 5¼" hydrants.
9. Bend edge of Lock Washer over

one flat of Cap Nut and over flat on Lower Valve Plate.

10. To replace Drain Ring Housing Gasket, remove six Shoe Bolts and remove Lower Barrel to expose gasket.
11. Remove old gasket and clean groove. Take care not to gouge or otherwise damage grooved surface.
12. Lubricate new Drain Ring Housing Gasket and install in groove.
13. Reinstall Lower Barrel using six new Shoe Bolts. (Two Drain Ring Housing Bolts are also provided in the kit. These are shorter than the Shoe Bolts.)
14. Lubricate "O" Rings and threads on Seat Ring and reinstall the Main Valve assembly.

Mueller Co.