

Red Head Brass, LLC

643 Legion Drive, Box 556
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CS-132 **DRY HYDRANT SWIVEL** **TROUBLESHOOT & REPAIR**

Insure that the assembly has been installed properly. See the “Field Repairable Parts” drawing for the correct orientation of the assembly. The aluminum part with the slotted plug is the rotating section and must be on top for proper operation.

If a draft cannot be obtained, there may be leakage at the sealing ring between the aluminum parts or at the metal to PVC nipple connections. To determine the source of leakage, wrap duct tape or similar material around the joint between the two aluminum sections. If you can start a draft, the rotating seal is the problem. If you still cannot start a draft, then one of the metal to pvc nipple joints may be leaking.

To correct a leak between the aluminum section and the pvc nipple, run a bead of rtv compound around the joint. Allow to cure and check for leaks. If the installation still leaks, look elsewhere in the dry hydrant installation.

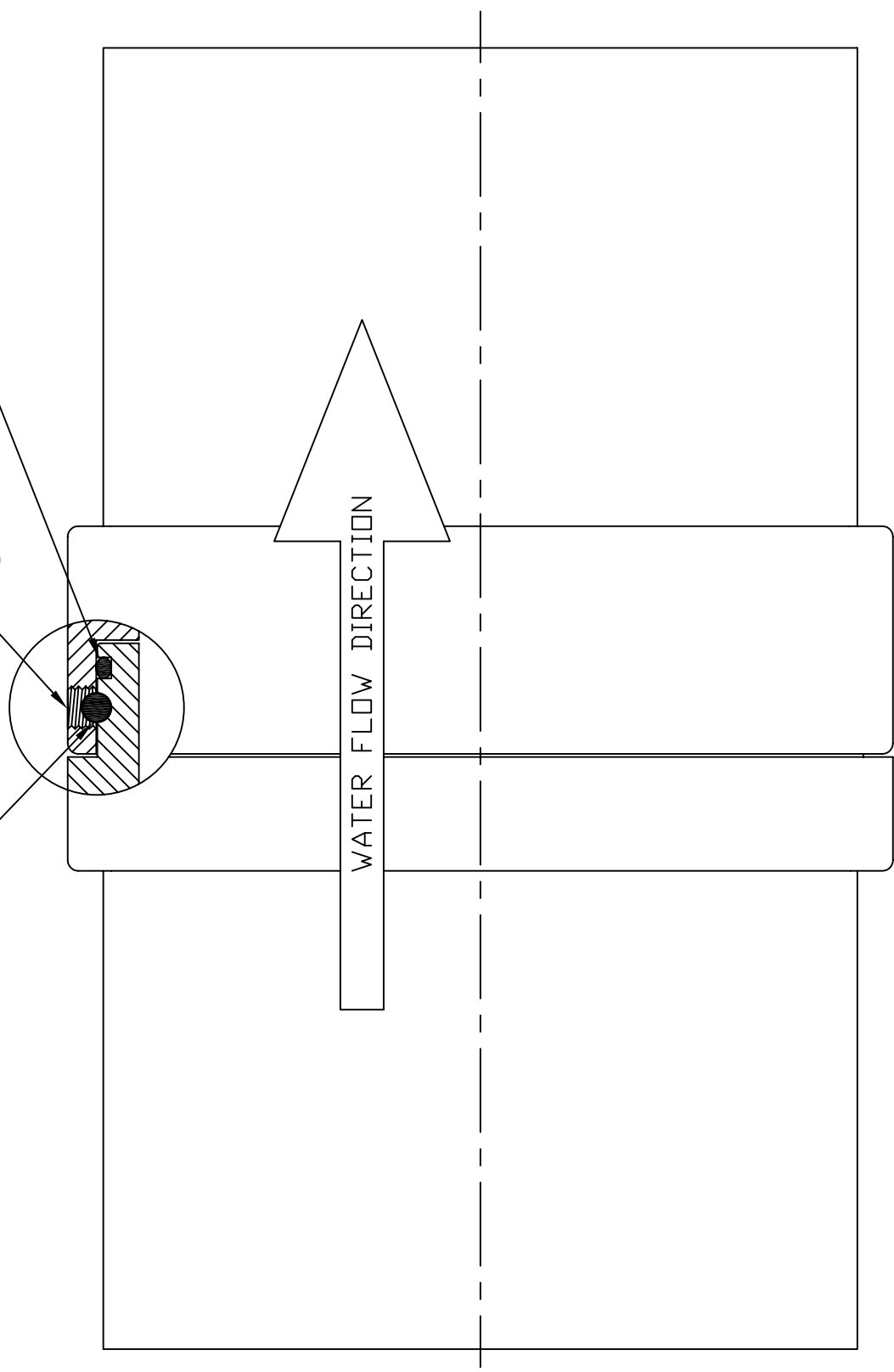
Correcting a leak at the sealing ring requires disassembly of the ball bearing rotating sections and replacement of the sealing o-ring. A kit of the required parts is available.

- Remove the slotted plug that holds the bearings in the bearing race.
- Remove the ball bearings. Rotating the joint helps to move the balls around to the access hole. There are 84 ball bearings. The kit contains extra bearings.
- Separate the two pieces.
- Remove the o-ring.
- Clean and inspect the bearing races and sealing surfaces. There should be no foreign materials or burrs that could prevent a good seal.
- Lubricate and install the new o-ring, RHB #N-33121. Use Parker O-Ring Lube or equivalent.
- Re-assemble the sections. If the joint is too tight for rotation, replace the o-ring with RHB #N-33120 and reassemble.
- Reinstall the ball bearings. This is a little tricky and requires patience to keep each ball from falling back out once installed. Make sure all of 84 balls are replaced.
- Install a new bearing plug, RHB #06434.
- Check for leaks.

O-RING
#N-33121

BEARING
PLUG
#06434
(NOT SHOWN)

BEARINGS
#1012
(84 EA.)



FIELD REPAIRABLE PARTS
STYLE 132-CS
DRY HYDRANT ADAPTER