

TROUBLESHOOTING & MAINTENANCE



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A Division of WCM Industries, Inc.

W34 Yard Hydrant Plunger Replacement

Rev 06/15 Form No. TMYH-1.104

If rocks or other debris are believed to have settled in the Valve Body, causing the Plunger not to seat properly, follow these instructions for inspecting or replacing the Plunger:

1. Shut off water supply to hydrant.
2. Loosen the linkage Set Screw. Fig 1
3. Loosen, do not remove, the Packing Nut. Fig 1
4. Remove head casting using two pipe wrenches, one on head casting and the other on the pipe. Fig 2
5. Remove operating pipe by gripping pipe with vice grips and prying upward. **DO NOT attach vice grips to brass stem. Damage to stem may cause leakage around packing nut.** Fig 2
6. **Turn on water and allow to flow and flush the casing.**
7. Examine plunger for damage and replace if necessary. Fig 3
 - 7a Remove plunger from operating pipe with either pipe wrenches or vise grips.
 - 7b Install new Plunger #10105 - Fig 3
8. Apply a small amount of Silicone grease to plunger to aid the reinsertion into hydrant. (Do not use petroleum based grease).
9. Insert operating rod assembly in hydrant using a mallet or block of wood. Tap rod assembly until plunger is seated in the valve body.
10. Reinstall head assembly.
11. Adjust linkage so handle will snap closed at very end of closing. See "[Linkage Adjustment](#)"



Orange Head Assembly

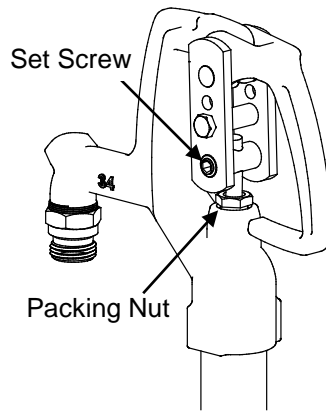
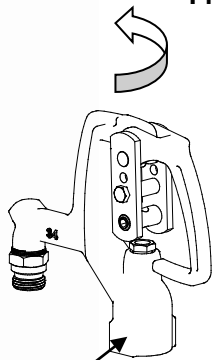


Fig 1

Fig 2



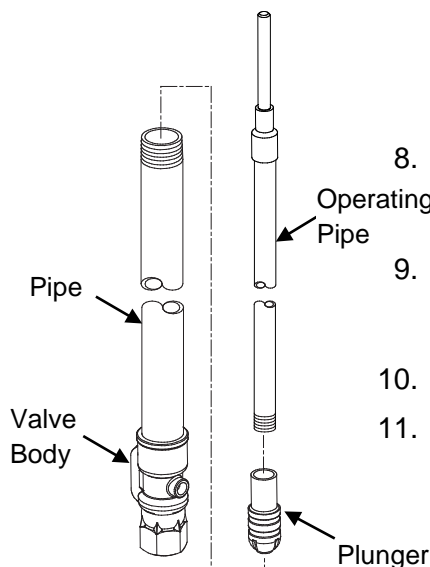
Head Casting
(Wrench Location)

Brass Stem

Operating Pipe
(Wrench Location)

Pipe

Fig 3



Operating
Pipe

Pipe

Valve
Body

Plunger