

HY-420 Plunger Replacement Procedure

- 1) With water turned off, use Loose Key HY-1 to open the hydrant fully.
- 2) Turn Head Nut HY-400-Y2 counterclockwise to remove.
- 3) Using vise grips, capture the square end of the stem assembly, and pull to remove the assembly.
- 4) Flush hydrant, making sure any rubber debris is removed from the drainage slot inside hydrant head.
- 5) Measure dimension "A" on the removed stem assembly.
- 6) Remove and replace the Plunger HY-400-Y10. Confirm dimension "A", secure the new plunger with Locktite.
- 7) Replace the stem assembly into the hydrant, while hydrant remains in the open position.
- 8) *Important* – the front end of the Worm Sleeve HY-400-Y5 has two square corners, and two chamfered corners. The square corners should be in a vertical position, and aligned with grooves inside the hydrant head to prevent the sleeve from turning.
- 9) Replace the Head Nut HY-400-Y2, making sure the C-shaped clip remains in place inside the white fiber washer, while tightening the Head Nut.
- 10) *Note* – check the operation of the hydrant. If the plunger is not seated properly, water will squirt through weepholes in the face immediately after the hydrant is turned on. If this happens, remove the stem assembly, back the plunger out approx. $\frac{1}{2}$ turn, and re-apply Locktite. This will keep the plunger seated

