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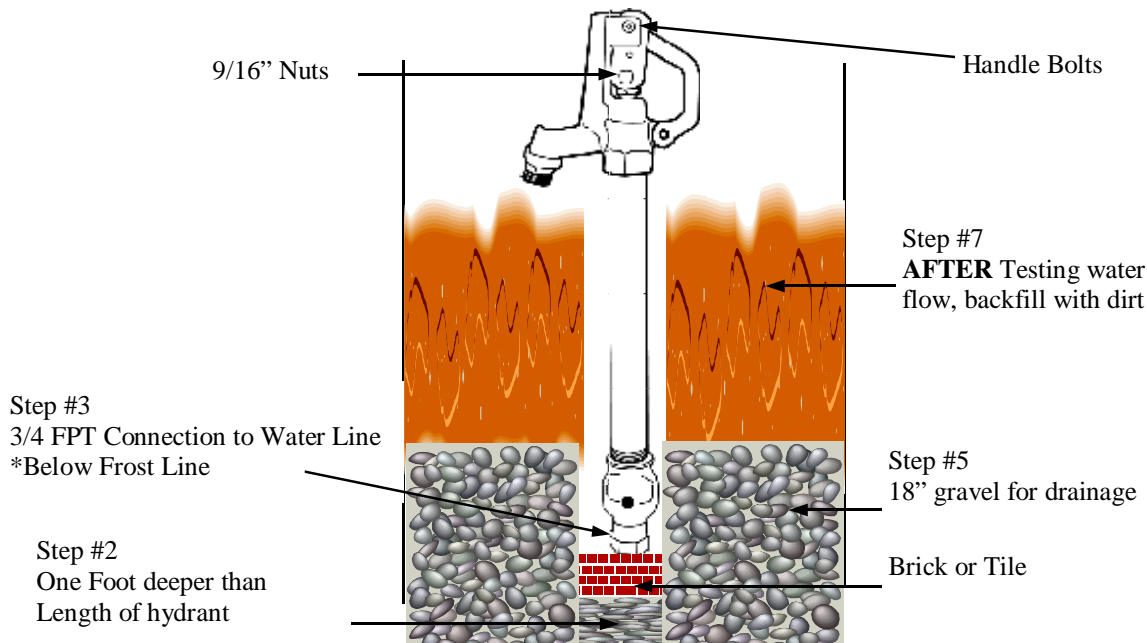
## INSTALLATION INSTRUCTIONS - PRIER C-240/C-250 BURY HYDRANTS

1. **Flush Water Line to wash out any foreign particles prior to installation**
2. Dig hole 1 foot beyond required bury depth, (for 5' bury dig 6' hole).
3. Tie into water line and connect to bury hydrant (3/4" FPT). A 1/8" brass nipple and 90 degree elbow can be installed in the waste hole and pointed down to help prevent blocking of the hole.
4. Prior to burying the hydrant, check for proper operation:  
Raise the lever; water should not run through the hydrant until the lever passes the half way point or horizontal position. When water is flowing through the hydrant, it should shut off when the lever comes down to the horizontal point. (The last half travel of the lever in closing the hydrant opens the drain hole.)
5. Fill bottom 18" of hole with gravel for proper drainage. A few tiles can be laid to form a field system for the drain.  
**Do not use sand or other fill as the hydrant will not drain.**
6. Make sure that Hydrant is straight.
7. Fill the balance of the hole with earth to grade.

**IMPORTANT—BEFORE BACKFILLING THE TRENCH.**

Turn on the water. Then turn on the hydrant by raising the handle to let the water flow. If the hydrant is not working properly, refer to Adjustment Section.

**Prier will not accept any responsibility for digging up the hydrant if the installer fails to flush out the water line before attaching hydrant to water line AND to check the hydrant for proper operation before backfilling the trench.**



### **CAUTION:**

- When the hydrant is tightened, be careful that it is not tightened so tightly that the hydrant head or valve body will be screwed further onto the pipe and thus change the adjustment of the hydrants. If this should happen, refer to the adjustment section for the proper adjustment.
- Do not use Wrench on the stand pipe. Using a wrench on the stand pipe could change adjustment of hydrant and restrict water flow or make the hydrant inoperative.
- Back Siphonage can occur if end of attached hose is left in container of liquid. End of hose must be left open to the air to allow hydrants to drain.



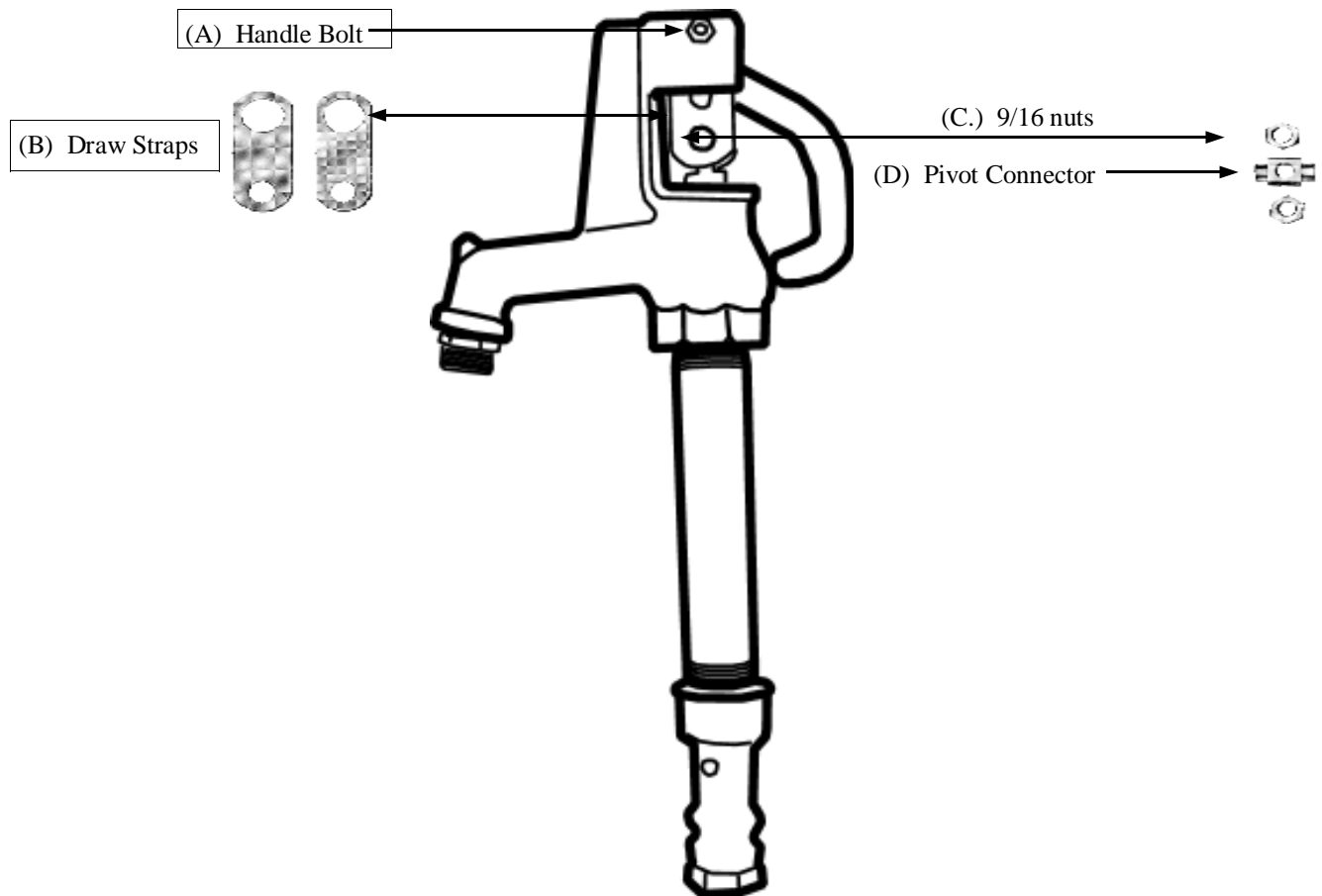
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**ADJUSTING THE PLUNGER IN THE LOWER VALVE BODY:**

- Step 1. Take the handle bolt (A) out of the head casting and remove the handle and draw straps.(B)  
*(Note: Draw straps are bent inward, which applies pressure on the handle when opening the hydrant)*
- Step 2. With two wrenches loosen the 9/16” nuts (C ) on each side of the pivot connector.(D)
- Step 3. To lower the plunger, turn the top nut UPWARD (only one thread) - Turning the top nut upward lengthens the stem so when the hydrant is shut off, the plunger will be in a lower position.
- Step 4. Tighten the LOWER nut upward toward the pivot connector.
- Step 5. Tighten the Top Nut.

To determine if the water is not draining out the stand pipe, turn the hydrant on and let the water flow. Now push down the handle to close the hydrant with a cup of water covering the nozzle. If the water in the cup siphons back through the hydrant, the plunger is in the correct position. If the water does not siphon out of the cup, then adjust the plunger in the same way stated above .

Check to see if the water siphons out of the cup after each adjustment.



**If you have any questions, DO NOT DIG UP HYDRANT. Please call Prier’s technical service department at 800-362-1466.**