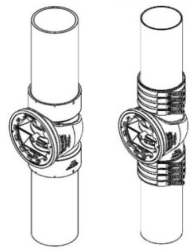
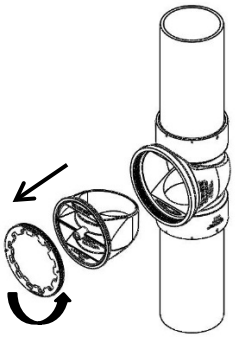
# TestRite® Safety & Usage Instructions**

## STEP 1



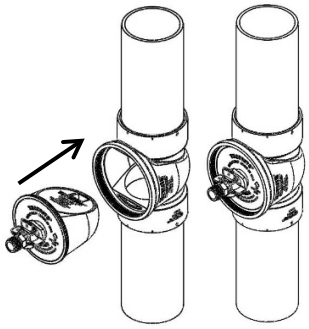
Install TestRite clean out tee, per best practice; for PVC &ABS with cement (do not get glue where test device O-ring must seal) or for No-Hub Cast Iron with 2 no-hub couplings (when installing no-hub TestRite tee, be sure to support the cast iron pipe stack at each floor level, as required by code).

## STEP 2



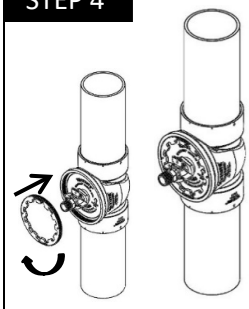
Remove Spanner Ring and Clean Out Plug.

## STEP 3



Insert Test Wedge into Clean Out Tee, with "pressure side" up. (Prior to installation, be sure all contact surfaces are clean and free of excess glue, etc.)

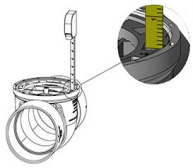
## STEP 4



Re-install Spanner Ring onto Clean Out Tee. Tighten completely (utilize spanner wrench).

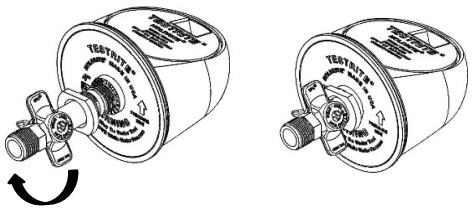
## STEP 4b

**VERIFY VALVE IS SEATED TO PROPPER DEPTH**



6" Spanner Ring must be tightened down to a depth of at least 1/8" past flush. All other sizes should be tightened down at least flush.

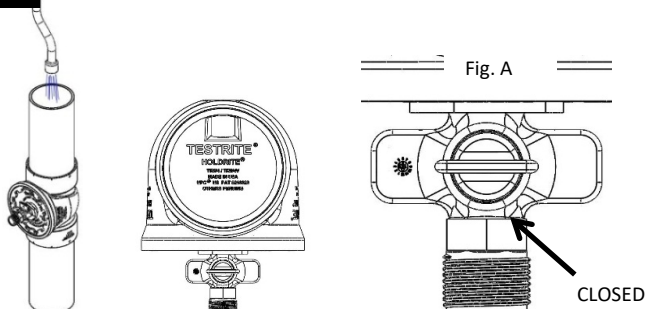
## STEP 5



Hand tighten fill/drain stem into Test Wedge clockwise until snug.

## STEP 6a**

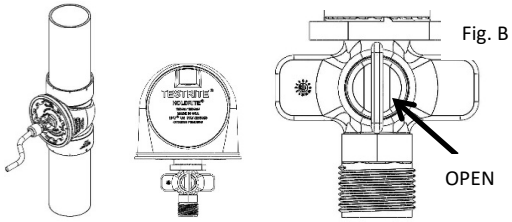
**IF FILLING SYSTEM WITH WATER FROM ABOVE**




If using Test Wedge with valve stem, turn spigot ball valve to the "closed" position (See Fig A). Fill pipe stack (maximum 50' head/22PSI).

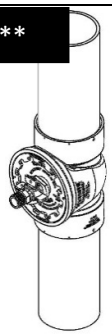
## STEP 6b**

**FILL/DRAIN THROUGH VALVE STEM METHOD (For Test Wedge with integral rotary valve only)**




Make sure ball valve is in open position (See Fig B). Fill pipe stack (maximum 50'/22PSI). Then close spigot ball valve.

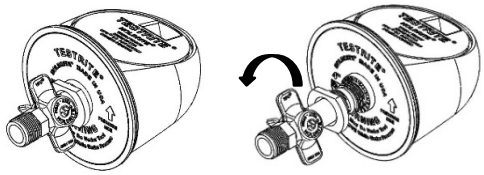
## STEP 7**



**TEST READY**

## STEP 8a**

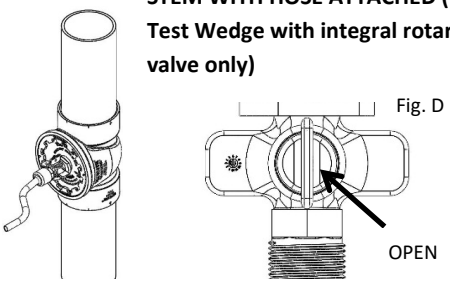
**RELEASE WATER DOWN STACK**



To release water down pipe stack, rotate valve stem to the left (counterclockwise) several full rotations (See Fig C.).

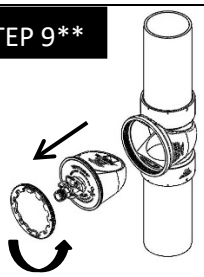
## STEP 8b**

**RELEASE WATER THROUGH VALVE STEM WITH HOSE ATTACHED (For Test Wedge with integral rotary valve only)**



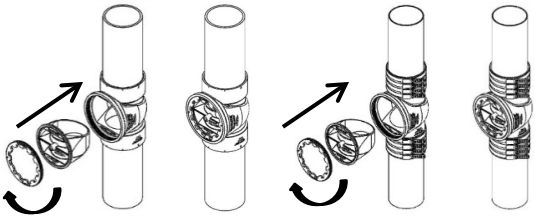

Confirm that hose is not attached to water source. Rotate spigot ball valve to open position (See Fig D.) Completely drain water out.

## STEP 9**



After water is drained, remove Spanner Ring. Remove Test Wedge (with proper care and handling Test Wedge can be re-used many times).

## STEP 10



Re-install Clean Out Plug and Spanner Ring into Clean Out Tee. Tighten completely (utilize spanner wrench). **TEST COMPLETE.**

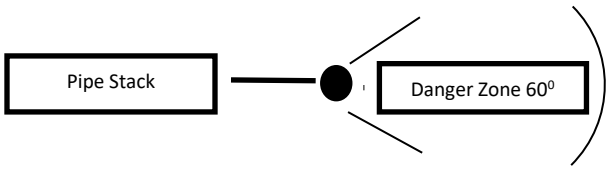
*****WARNING: Avoid potential damage or injury – close spanner ring securely and DO NOT open while under pressure.***

## TestRite® Safety Guidelines

1. **Read and understand these Safety Guidelines before using TestRite.**
2. **Exercise Caution! - Always wear safety glasses and hard hat around pressurized systems.**
3. **Injury, property damage or death can result from sudden pressure release or flying debris if system components fail during pressure test.**
4. Warn others in area when pressurizing systems.
5. Always make sure correct type and size of TestRite is being used.
6. Always use correct size TestRite Wedge for the selected TestRite Tee.
7. Air testing not recommended; consult pipe/fitting manufacturer's instructions and use extreme caution.
8. Do not exceed pressure specs for TestRite product in use:

| TestRite Size | Back-pressure Rating - Water | Back-pressure Rating - Air |
|---|---|---|
| 2" | 50' of head pressure | 5 PSI |
| 3" | 50' of head pressure | 5 PSI |
| 4" | 40' of head pressure | 5 PSI |
| 6" | 40' of head pressure | 5 PSI |

Avoid standing in **[DANGER ZONE],** in front of the TestRite Wedge, with system under pressure!




9. Use a hose to fill or drain through TestRite pressure port; stand aside out of DANGER ZONE.
10. Never pressurize system until Spanner Ring is securely installed.
11. Never loosen Spanner Ring until system has completely drained down and de-pressurized.
12. Use a spotter to prevent overflow at top or breaks in stack if filling at TestRite tee location.
13. Inspect the TestRite Wedge Tool before each use and periodically; repair or discard if damaged.
14. Always keep pressurizing equipment in good condition and be sure gauges are accurate.

**TestRite® Job Site Storage Guidelines:** Indoor storage is generally preferred for plastic pipe and fittings, where possible, store fittings in original cartons, out of direct sun and away from hot surfaces or sources of heat (boilers, steam lines, engine exhaust, etc.). If stored loose outside, keep in shaded area, if possible minimizing any loads placed on top. Use lighter colored opaque tarp or shade in exposed or sunny areas, not black (if possible), and allow for air circulation. If installed in a sun-exposed location, painting with a latex (not solvent) paint is recommended to protect from UV light.

### TESTRITE® LIMITED WARRANTY *

HoldRite® ("Manufacturer") warrants that TestRite® products ("Product" or "Products") (a) conform to Manufacturer's published specifications and (b) will be free from defects in material and workmanship for a Warranty Period of twelve (12) months from the date of manufacture. Any Product found to have manufacturing defects in materials or workmanship which prevent the Product from performing as provided in Manufacturer's published specifications, during the Warranty Period, shall be either refunded, repaired or replaced, at the Manufacturer's sole and exclusive option. Warranty repairs or replacements shall be made available at Manufacturer's expense, including freight and handling charges to deliver said repairs or replacements to the distributor or job site, as appropriate. The above shall be the sole and exclusive remedy available for any claim of defective Product. Manufacturer's obligation under this warranty shall be considered fulfilled even if claimant refuses the repair or replacement, as long as a timely and good faith offer to remedy according to the policies stated herein is made by Manufacturer. Manufacturer reserves the right to examine all goods before concluding a warranty claim and offering remedy. Replacement will usually be made with identical Product; if such is not available, a functionally equivalent product may be offered instead. Always contact HoldRite Customer Support for instructions and to request a Returned Goods Authorization before returning any materials for any reason, to ensure proper handling and a timely response. All returns must be shipped prepaid, according to the instructions received from HoldRite Customer Support. Product shall be covered by this warranty as long as the item: (i) was installed and/or used in accordance with Manufacturer's supplied instructions and existing plumbing codes; (ii) has not been subjected to abusive conditions; and (iii) was at all times used in a manner consistent with its intended function. Manufacturer does not warrant (i) any product, component or parts not manufactured by Manufacturer; (ii) defects caused by neglect or by failure to provide a suitable storage, handling or installation environment for the Product; (iii) damage caused by freezing, mold or UV degradation, or by excessive outdoor exposure; (iv) damage caused by use of the Product for purposes other than those for which it was designed; (v) damage or loss of Product function due to normal wear and tear of Product or components caused by use; (vi) damage caused by natural phenomena such as earthquake, fire, flood, wind and lightning; (vii) damage caused by unauthorized attachments or modifications; (viii) damage during shipment; (ix) vandalism; or (x) any other abuse or misuse. If a warranty claim is made against a Product which has been installed and is still in place, Manufacturer may, at its option, request that its representatives be allowed to inspect the installation within a reasonable time frame before responding to the claim. If Manufacturer determines that a defect exists, Manufacturer will promptly make suitable remedy available, according to the policies stated herein, for the defective Product. The TestRite® Test Wedge™ tool (#TRW or #TRWV Series) is designed solely for use with TestRite® Fittings and cannot be used with any other manufacturer's products. The O-ring seals of the TestRite® Test Wedge™ tool are considered wear components; replacement seal kits may be purchased at a nominal charge from HoldRite. The buyer assumes all responsibility for determining whether the Product is fit for a particular purpose and suitable for buyer's methods and application. Any claim with reference to defects in Products sold under this warranty shall be considered waived and without effect unless Manufacturer is notified in writing within the earlier of a) thirteen (13) months following the date of manufacture, or b) thirty (30) days after the defects were discovered or by reasonable diligence should have been discovered. In no event will Manufacturer be liable for any special, incidental, or consequential damages or expenses based on breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Damages or expenses that Manufacturer will not be responsible for include, but are not limited to, loss of profits, loss of savings or revenue, labor or related expenses of Product replacement or repair of damage, loss of use of the Product or any associated equipment, cost of capital, cost of any substitute equipment, facilities or services, downtime, the claims of third parties including customers, and injury (including death) to persons or property. Buyer shall indemnify Manufacturer against all liability, cost or expense which may be sustained by Manufacturer because of any such loss, damage or injury. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER MAKES NO OTHER WARRANTIES, NOR OFFERS ANY ADDITIONAL REMEDIES, EXPRESS OR IMPLIED, OF ANY KIND, BEYOND REFUND, REPAIR OR REPLACEMENT OF THE PRODUCT PURSUANT TO THE CONDITIONS HEREIN. MANUFACTURER RESERVES THE RIGHT TO MAKE CHANGES OR IMPROVEMENTS TO ITS PRODUCTS OR SPECIFICATIONS AT ANY TIME WITHOUT NOTICE. IN THE EVENT OF SUCH CHANGES OR IMPROVEMENTS, MANUFACTURER IS UNDER NO OBLIGATION TO OFFER UPGRADES, REPLACEMENTS OR ANY OTHER COMPENSATION FOR ANY PRODUCTS PREVIOUSLY SOLD. ***The above Warranty shall apply to TestRite® Products ONLY. Contact HoldRite Customer Support at (800) 321-0316 for warranties applicable to HoldRite® HydroFame™ and other HoldRite® product lines.**