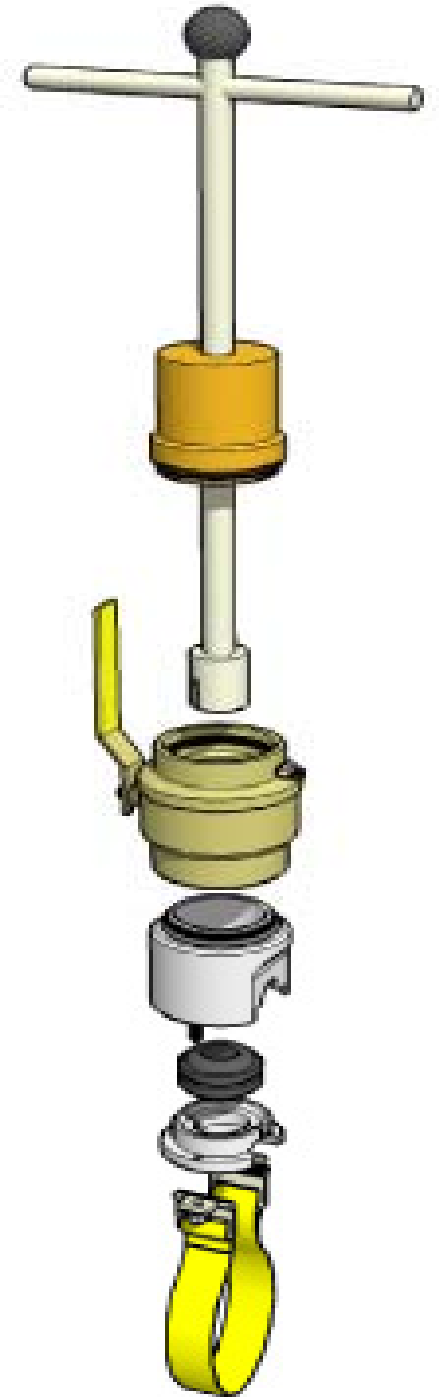


Safe-T-Stopper

Gas-Free* Service Tee Renewal and Removal



Presentation Goals

What is the Safe-T-Stopper?

What tees can the Safe-T-Stopper handle?

What are the differences between the two tool models?

What is the typical operation?

- Welded pipe tee termination
- Street tee on a saddle removal
- Street tee threaded into the main removal

What are some of the other tool capabilities?

What is the Safe-T-Stopper?

Increase Worker Safety: Now is the time to get away from blowing gas when renewing or removing service tees...

The **Safe-T-Stopper** is a tool specifically designed for Gas-Free* service tee renewal or removal on open gut pipe tees, street tees and Mueller tees.

How does it work?

The tool assembly mounts on the tee. The cap or plug is removed and an expandable plug or a threaded weld plug is inserted into the throat of the tee or directly into the pipe to stop the flow of gas. Once stopped, renewal connections or service cutoffs can now be performed Gas-Free*

Stop Doing This!



What types of tees can the tool be used on?

- ❑ **3/4" - 2" homemade open gut service tee connections**
- ❑ **3/4", 1" & 1 1/4" Mueller No-Blo H17500 service tee connections with or without brass completion plug**
- ❑ **3/4" - 2" manufactured street tees threaded into cast iron.**
- ❑ **3/4" - 2" manufactured street tees welded onto steel mains.**
- ❑ **Saddle valve fittings and tees.**
- ❑ **Custom adapters available for all your service tee needs.**

Two Tool Models

Safe-T-Stopper 2500 BV

3/4" – 1-1/4" Manufactured or homemade welded open gut pipe tees.

3/4" Mueller H17500 no-blo without brass plug.



Safe-T-Stopper 3000 BV

1" & 1-1/4" Mueller No-Blo H17500 service tee connections with or without brass completion plug.

3/4" - 2" manufactured street tees threaded into cast iron.

1-1/2" - 2" welded pipe tees.

3/4" - 2" tees on a saddle or threadolet / weldolet.

Custom adapters available.



Procedure on Welded Pipe Tee



Procedure on Welded Pipe Tee



1. Beveled gaskets are fitted over tee cap.



2. Half collars, housing, and ball valve installed.



3. Cap is removed and an expansion stopper is installed into the throat of the tee.



4. Tool assembly is removed.

Procedure on Welded Pipe Tee

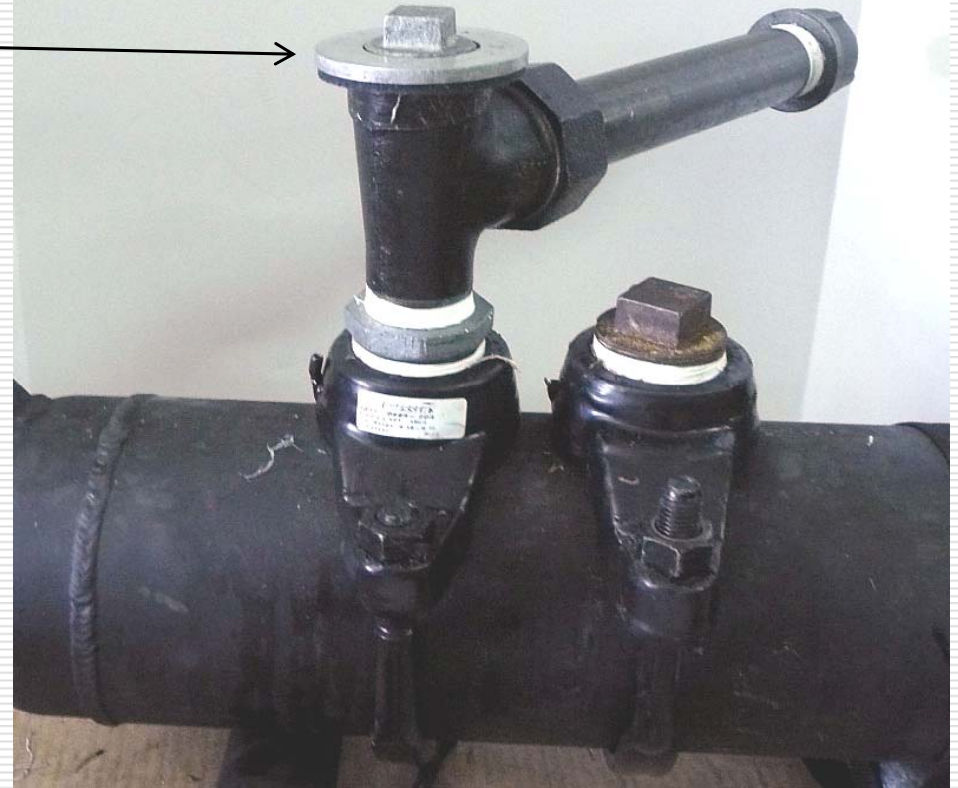


Operation is completed Gas-Free*.

Street Tee Threaded into a Saddle at 100 psi (*Same operation is used on tees attached to a threadolet.*)

1. Aluminum ring with integrated rubber o-ring is placed on the boss of the tee.

Dresser style compression branch street tee attached to a threaded saddle.



Street Tee Threaded into a Saddle at 100 psi *(Same operation is used on tees attached to a threadolet.)*

2. Top housing is secured with a chain strap on top of o-ring assembly creating a seal.



Street Tee Threaded into a Saddle at 100 psi (Same operation is used on tees attached to a threadolet.)

3. Ball valve is installed.

4. Plug removal / insertion tool removes the plug.



Street Tee Threaded into a Saddle at 100 psi (Same operation is used on a tees attached to a threadolet.)

5. The threaded weld plug insertion tool is fitted onto the Safe-T-Stopper.
6. PLCS Threadseal is applied to the plug.
7. Using the threaded weld plug adapter, the plug is screwed into the pipe opening.

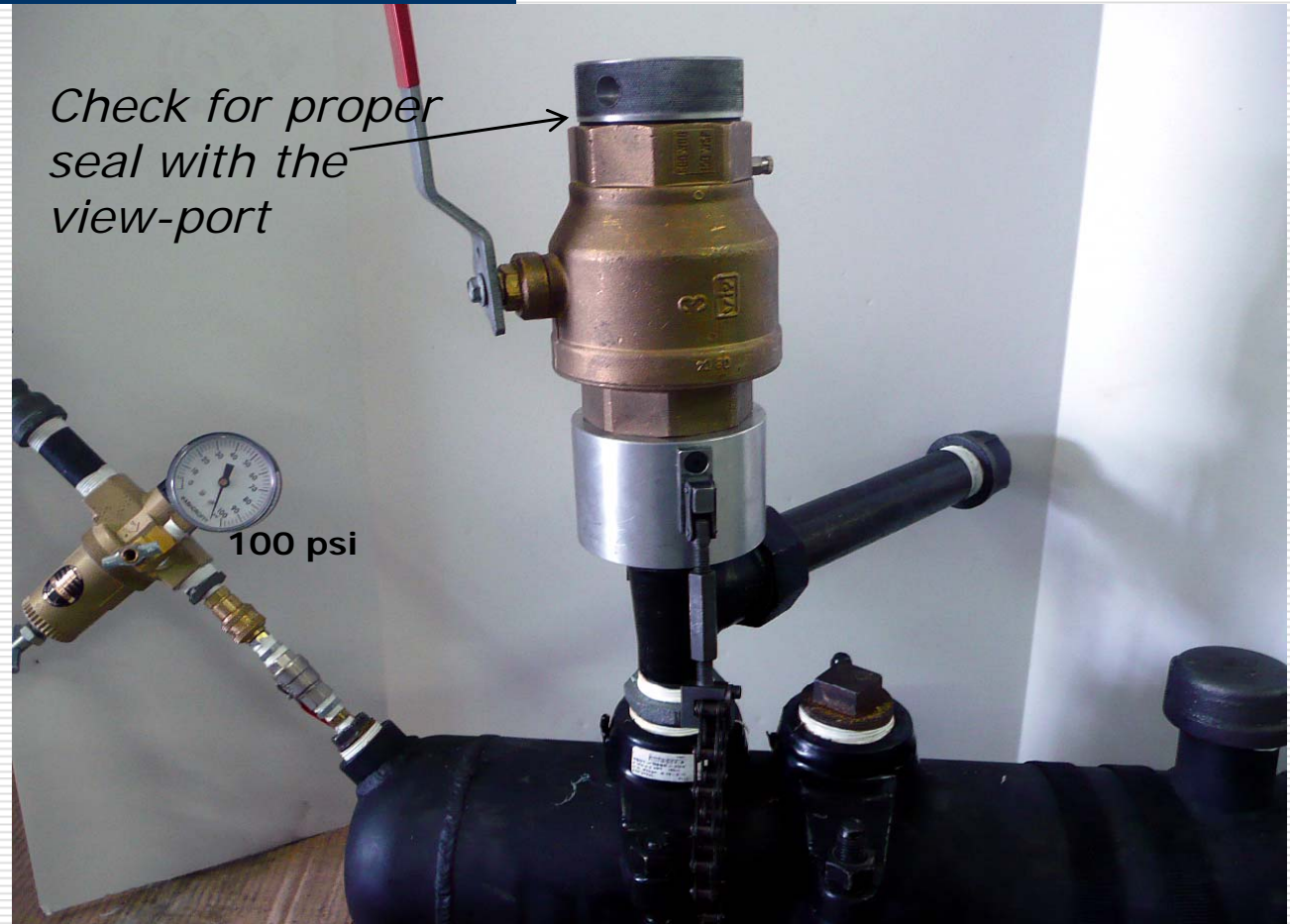


PLCS Threaded Weld Plugs available sizes 3/8" - 1-1/2"



Street Tee Threaded into a Saddle at 100 psi (Same operation is used on tees attached to a threadolet.)

7. The threaded weld plug is screwed into the pipe opening stopping the flow of gas.



Street Tee Threaded onto a Saddle at 100 psi *(Same operation is used on a tees attached to a threadolet.)*

8. It is now safe to break down the Safe-T-Stopper and remove the tee and saddle.

9. The operation is complete. Install company approved full encirclement clamp with threaded outlet over the threaded weld plug.



Threaded Street Tee Removal and NPT Plug Insertion Procedure



1.



2.



3.



5. Remove plug with plug removal/insertion tool



4.

**Branch cut for demonstration purposes.*

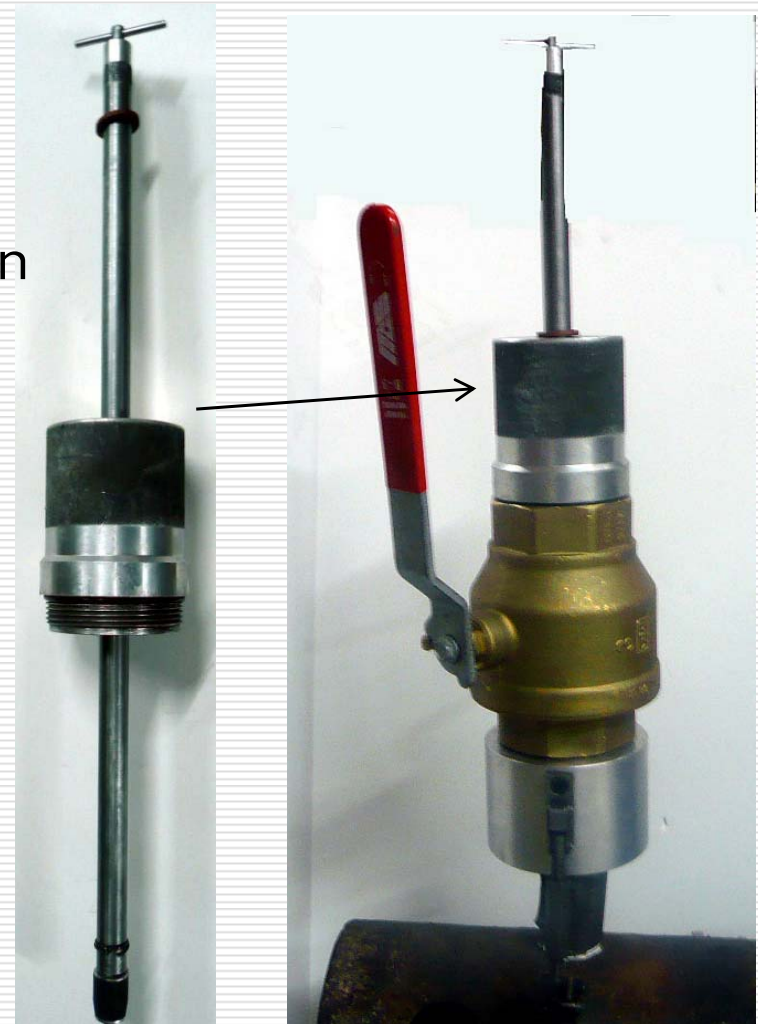
Threaded Street Tee Removal and NPT Plug Insertion Procedure

6. Insert expansion stopper into the throat of the tee to stop the flow of gas.

7. Return plug with plug removal/insertion tool.



Expansion stoppers available sizes 1/2"-2"



**Branch cut for demonstration purposes.*

Threaded Street Tee Removal and NPT Plug Insertion Procedure



8. Cut the branch.
Break tee loose with a wrench. Tighten plug so that it is much tighter than the tee. Then, install the rubber saddle over the tee.



9. Install the tee removal housing adapter over the rubber saddle.



10. Secured the threaded housing with the chain creating a gas tight seal

Threaded Street Tee Removal and NPT Plug Insertion Procedure

11. Install the Safe-T-Stopper ball valve.

12. Install the extension housing so the removed tee can retract above the ball valve.

13. The plug removal / insertion tool is used to withdraw the tee from the pipe.



Threaded Street Tee Removal and NPT Plug Insertion Procedure

14. After the tee is removed, the plug removal / insertion tool screws the NPT plug into main.

15. Once the plug is in place the entire Safe-T-Stopper assembly is broken down and the operation is complete.



Removes the following with optional adapters and equipment



Skinner Tees with flapper valves



Tees that are attached to a corporation shut off

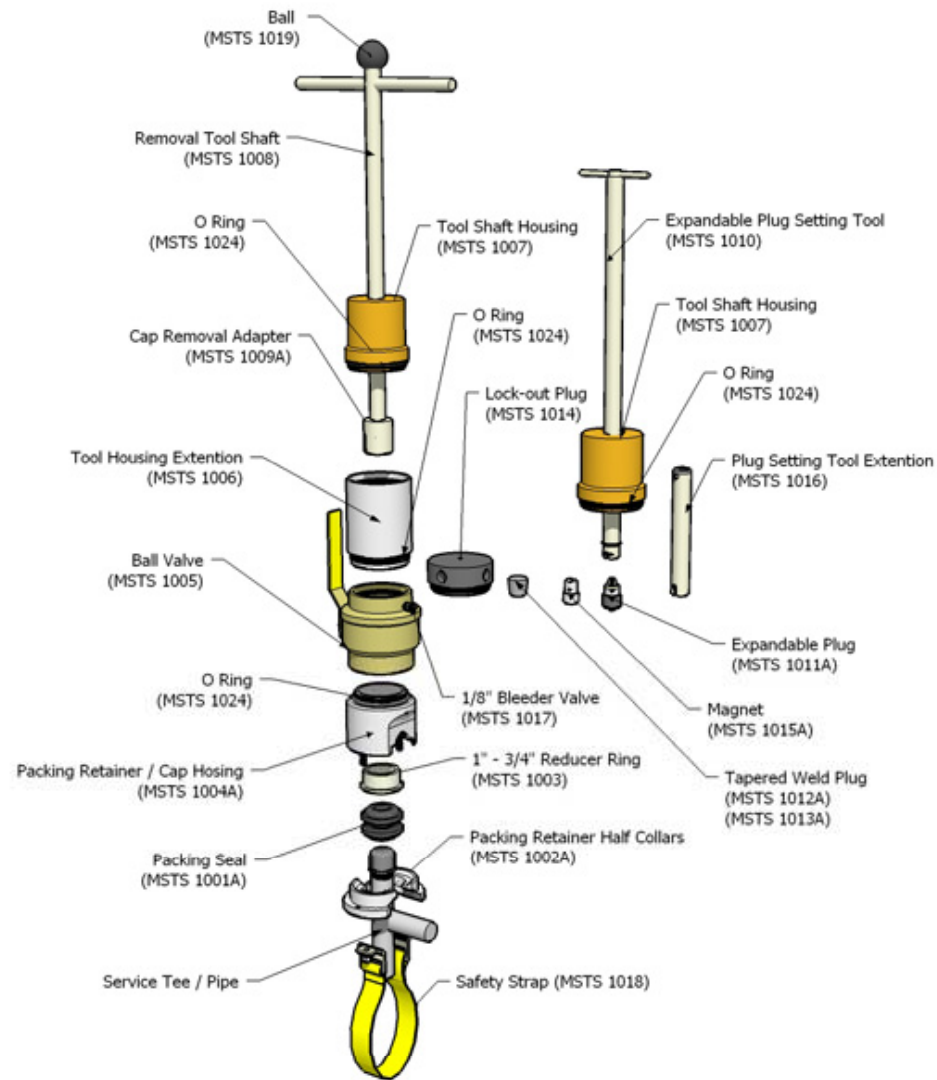


Swing joints, where the street elbow is threaded into the main.

Other Attachments:

- Drill Bits: To provide a concentric hole in case of irregular hole or narrow ID within the tee.
- Reamer Bits: To ream the inside of a tee in case of weld slag inside tee.
- ***The Safe-T-Stopper platform can be customized according to your specific needs.***

Typical Safe-T-Stopper Tool Illustration



Contact

For more information about the Safe-T-Stopper and other products please visit our website at www.plcsusa.com.

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