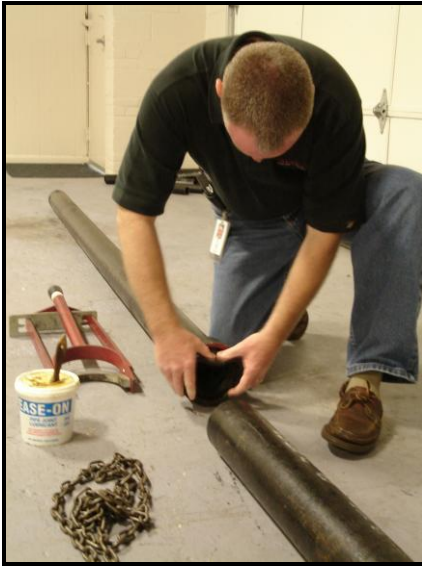


## How to Use the Evans Puller on Service or Extra Heavy Cast Iron Soil Pipe:

### • Pulling Hub and Spigot Pipe Together

1. For 2"-4" pipe
  - a. Put the compression gasket in the hub of the pipe
  - b. Put Ease-On pipe joint lubricant\* in the inside of the gasket and on the outside of the spigot end of the pipe



1. For 5"-15"
  - a. Put adhesive lubricant\* on the inside of the pipe's hub and the outside of the spigot end of the pipe
  - b. Put the compression gasket in the hub of the pipe
  - c. Put adhesive lubricant on the inside of the gasket

2. Place the yoke just behind the hub of the pipe



3. Wrap the chain around the other pipe about 3 feet from the spigot end



4. Make sure that the end of the chain is fastened securely on a link



5. Take the chain through the puller, under the handle and above the yoke



6. Place the handle at about a 60 degree angle toward the hub



7. Pull the chain tight, and place a link through the slot at the back end of the puller



8. Pull back on the handle toward the end of the pipe where the chain is linked to the puller until the spigot end of the pipe is completely grounded in the gasket





- **Pushing Hub and Spigot Pipe Apart**

1. Place the yoke on the spigot end of the pipe, up against the compression gasket



2. Wrap the chain around the spigot end of the pipe about 6" from the hub (between the yoke and the back end of the puller)



3. Make sure that the end of the chain is fastened securely on a link



4. Place the handle at about a 60 degree angle toward the hub

5. Pull the chain tight, and place a link through the slot at the back end of the puller



6. Pull back on the handle toward the end of the pipe where the chain is linked to the puller until the spigot end of the pipe is removed from the gasket

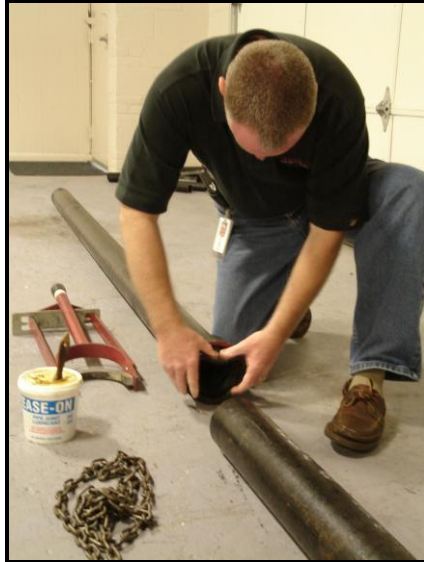


NOTE: The Evans Puller comes with 2", 3" and 4" yokes that you can change out with the same puller. You have to purchase a larger Evans Puller for 5", 6" and 8"

## How to Use the Charlotte Puller on Service or Extra Heavy Cast Iron Soil Pipe:

- **Pulling Hub and Spigot Pipe Together**

1. For 2"-4" pipe
  - a. Put the compression gasket in the hub of the pipe
  - b. Put Ease-On pipe joint lubricant\* in the inside of the gasket and on the outside of the spigot end of the pipe



1. For 5"-15"
  - a. Put adhesive lubricant\* on the inside of the pipe's hub and the outside of the spigot end of the pipe
  - b. Put the compression gasket in the hub of the pipe
  - c. Put adhesive lubricant on the inside of the gasket
2. Wrap the chain around the hub end of the pipe about 1" from the end

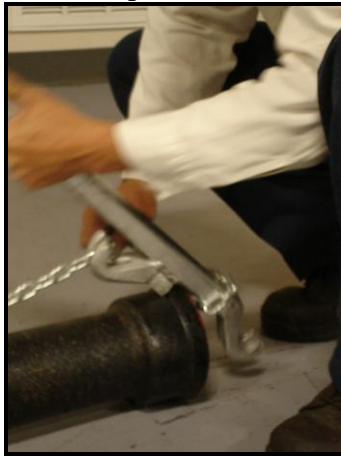


3. Make sure that the end of the chain is fastened securely on a link

4. Take the chain down to the far end of the other pipe (the hub end of the pipe, opposite the joint)

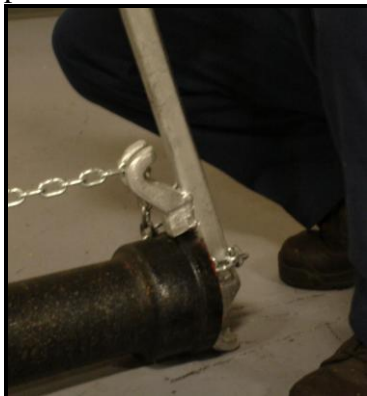


5. Place the puller in the hub with the claw of the puller facing out



6. Place the handle of the puller at about a 60 degree angle towards the direction of the joint

7. Securely fasten a link of the chain through the claw that is near the middle of the puller



8. Pull back on the handle toward the end of the pipe where the chain is linked to the puller until the spigot end of the pipe is completely grounded in the gasket

- **Pushing Hub and Spigot Pipe Apart**

1. Wrap one end of the chain around the spigot end of the pipe a few inches from the joint
2. Set the puller on top of the spigot end of the pipe about 6" from the joint (a few inches from where the chain is already wrapped, and opposite the joint from the chain)
3. Place the handle of the puller at about a 60 degree angle in the opposite direction of the joint, with the claw on the end facing away from the joint
4. Wedge a steel plate or other solid material on top of the pipe between the compression gasket (lip of the joint) and the base of the claw that is near the middle of the puller)



5. Securely fasten a link of the chain through the claw that is near the middle of the puller
6. Push the handle of the puller towards the joint until the spigot end of the pipe is removed from the gasket



NOTE: These instructions are intended for use when joining Charlotte Pipe and Foundry products using Charlotte Pipe and Foundry supplied gaskets and pulling tools.

**\*Warning for Adhesive Lubricant and Ease-On Pipe Joint Lubricant:**

Always wear appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where these materials are handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.