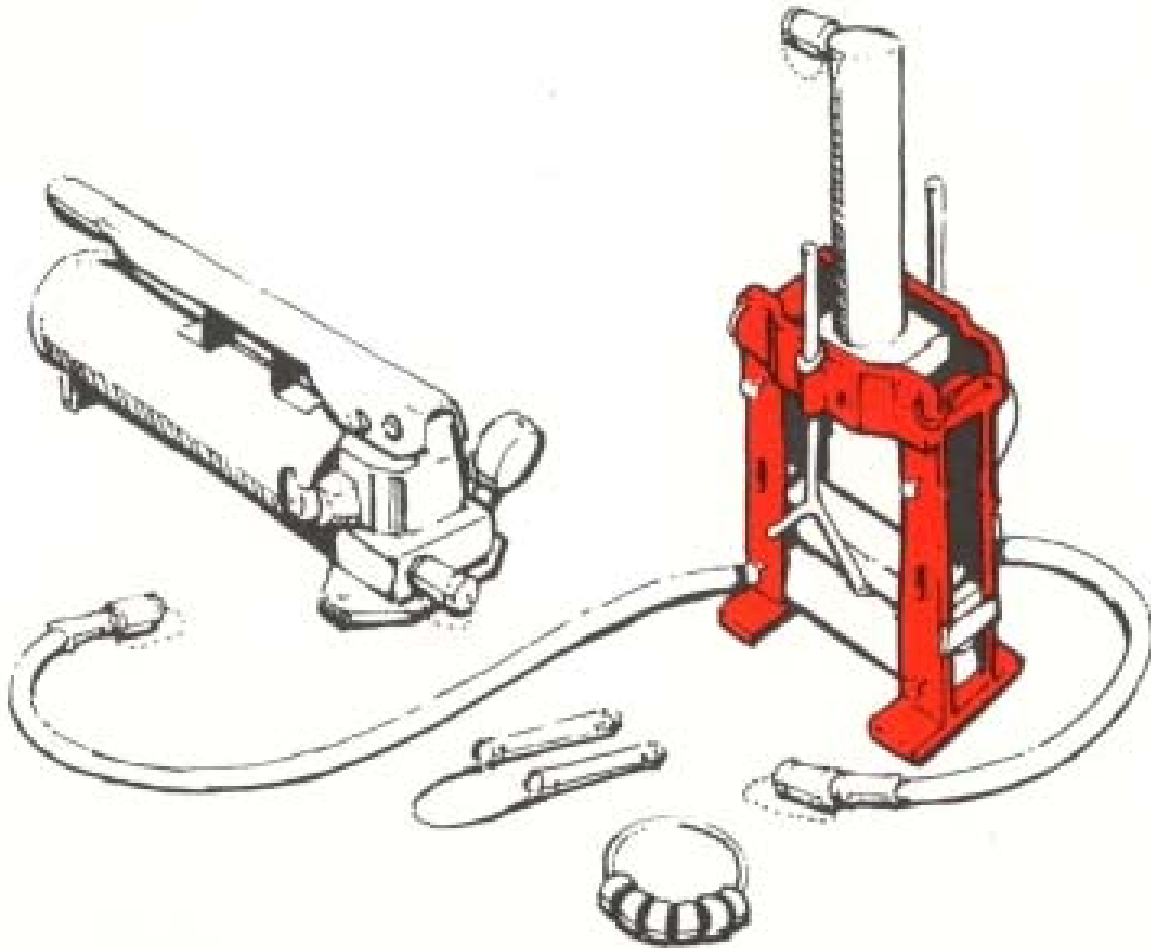


PIPE CHOKE USER'S GUIDE

**THESE INSTRUCTIONS ARE INTENDED AS A GUIDE ONLY.
FOLLOW THE PROCEDURES SPECIFIED BY YOUR COMPANY
AND THE PIPE MANUFACTURER.**

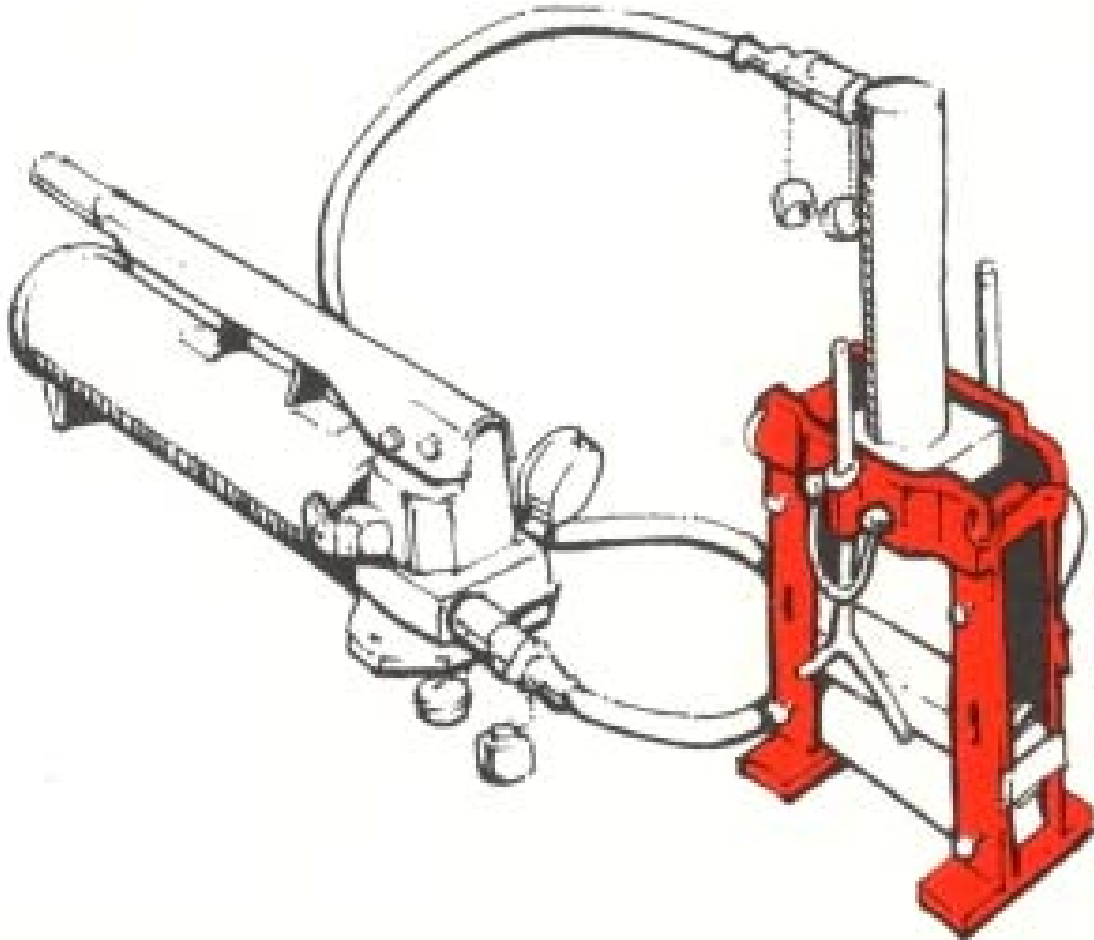
1

Prepare the pipe-choke tool for operation.
Be sure that you have all parts and the proper size squeeze stops.



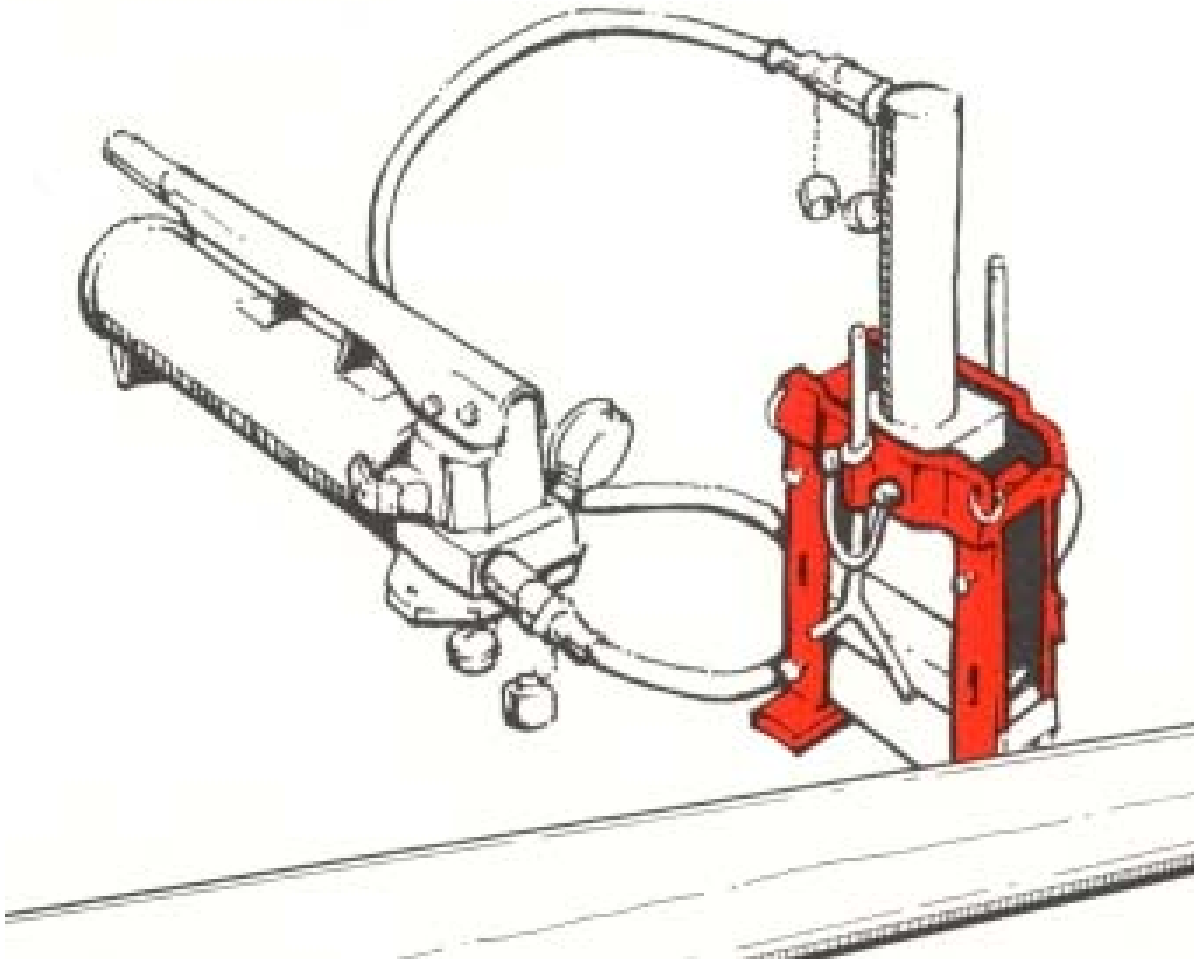
2

Assemble the squeeze unit. Visually inspect your equipment and test it to ensure proper operation. Pipe-choke tools should be maintained in good working order for emergency use. Examine the hydraulic hose(s) for kinks or nicks before each use.



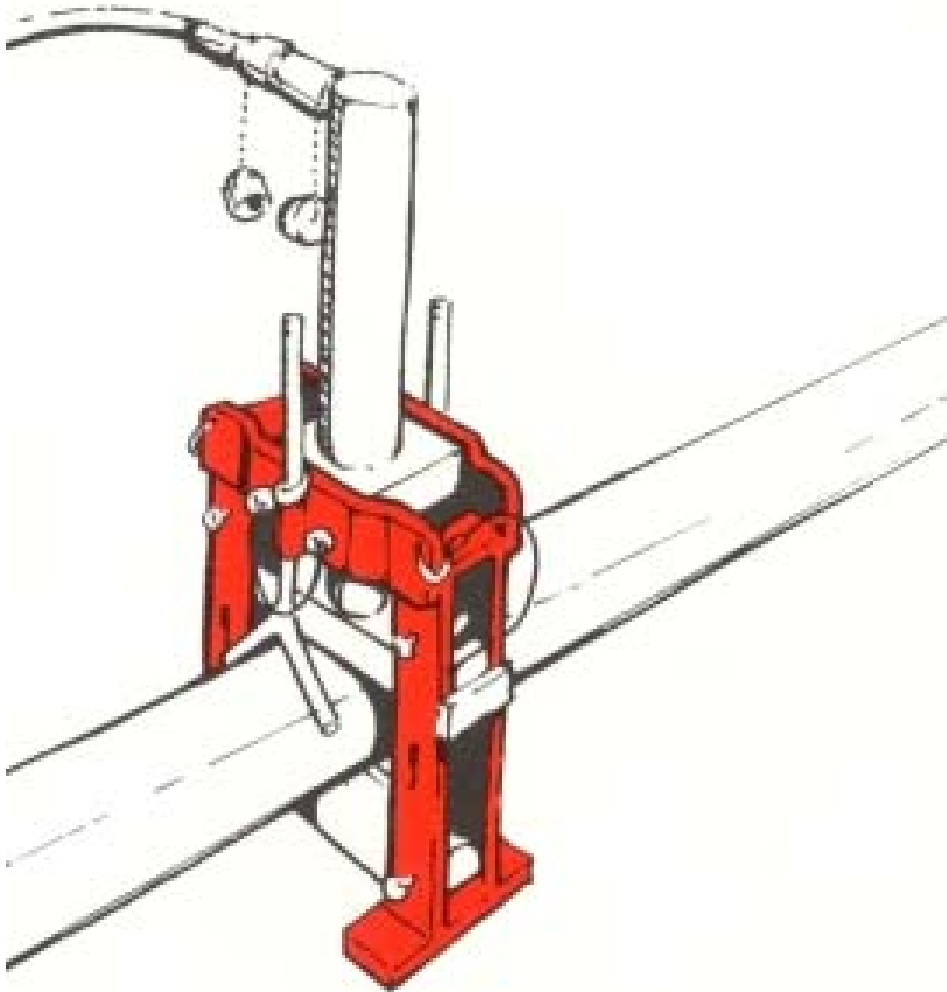
3

Check the pipe area that will be squeezed. **DO NOT** attempt to squeeze an area of pipe that has been squeezed-off previously. Make sure that you have enough work space for the pipe-choke and for the repair work.



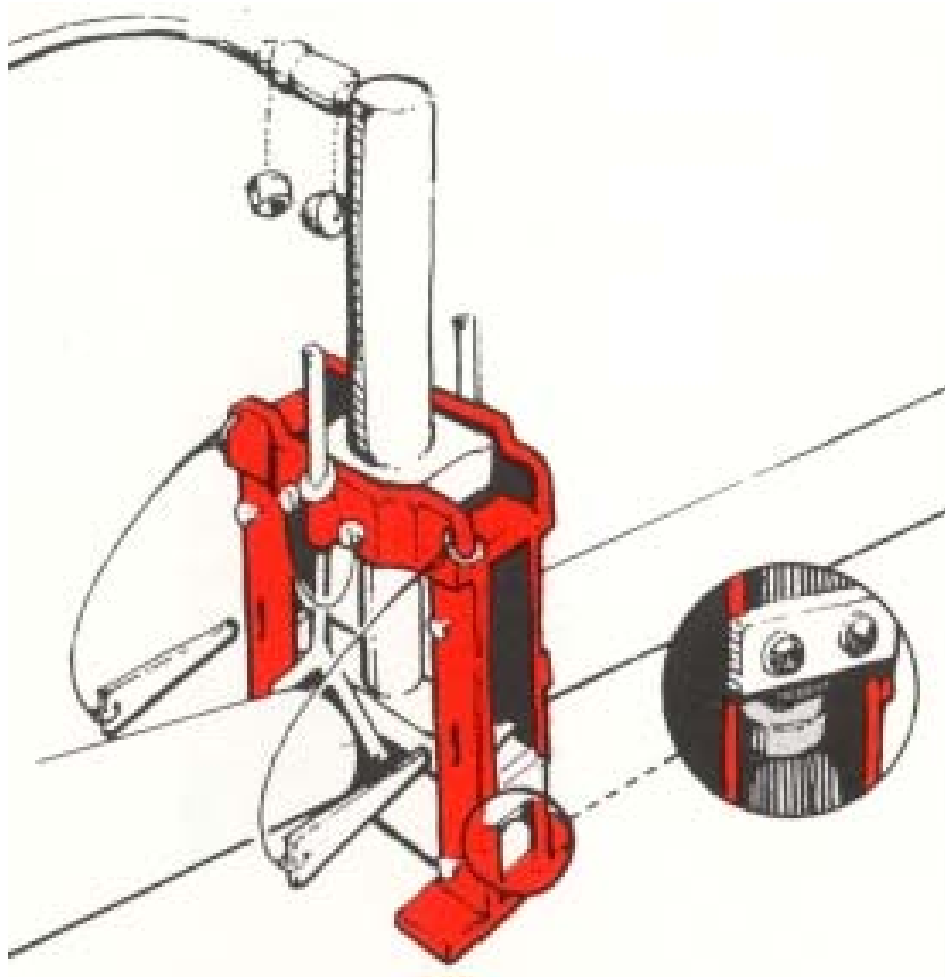
4

Place the pipe-choke tool over the area of pipe to be squeezed. Center the machine on the pipe. Make sure the correct stops are in place and the tool is grounded. **(Follow your company's squeeze-off procedures exactly.)**



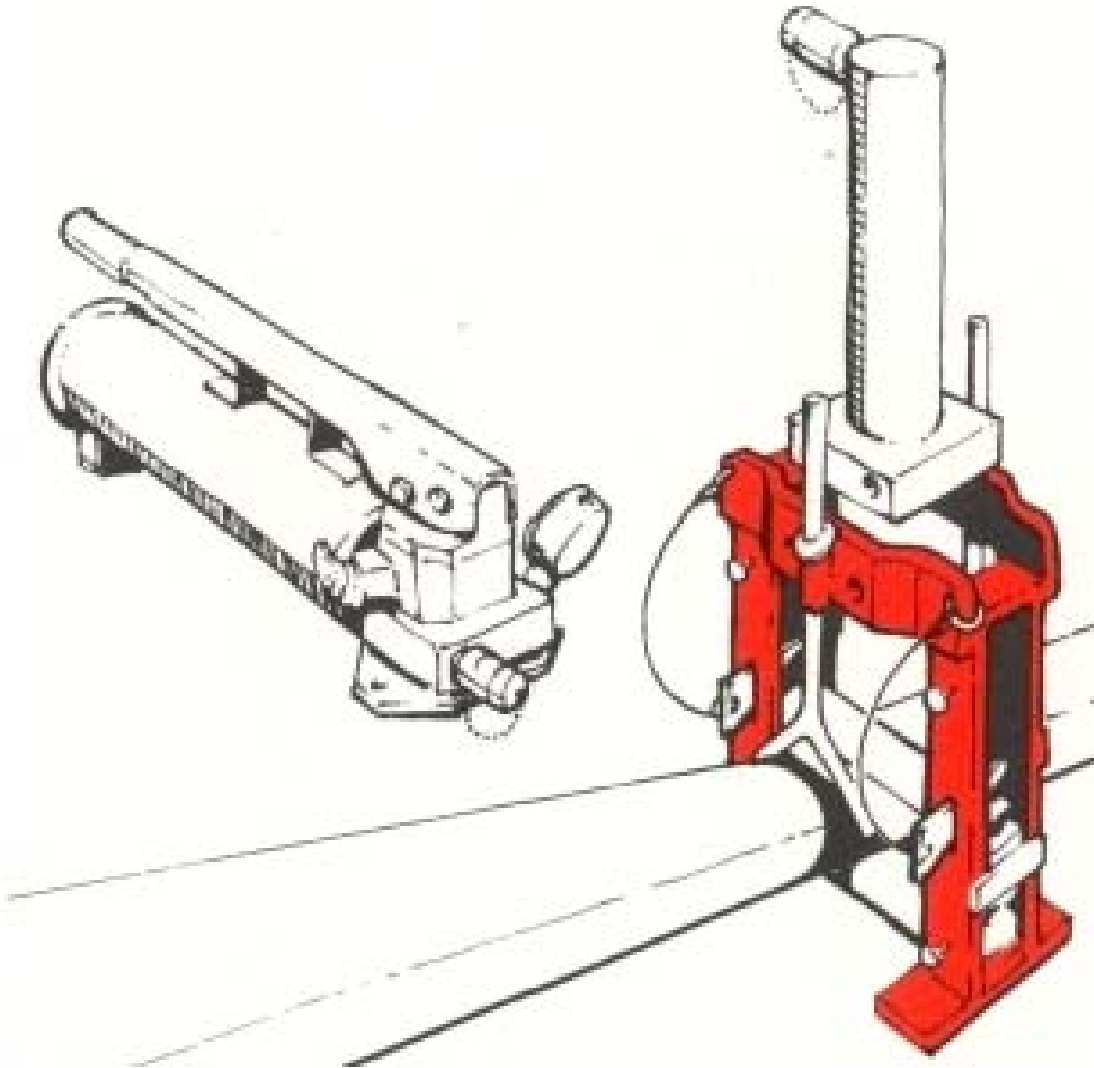
5

Begin to apply pressure until the squeeze bars seat on the squeeze stops. A slow, uniform rate of pressure will lessen possible damage to the pipe. Place the mechanical back-up lock wedges in position and tap lightly to lock. Visually examine the squeeze-off.



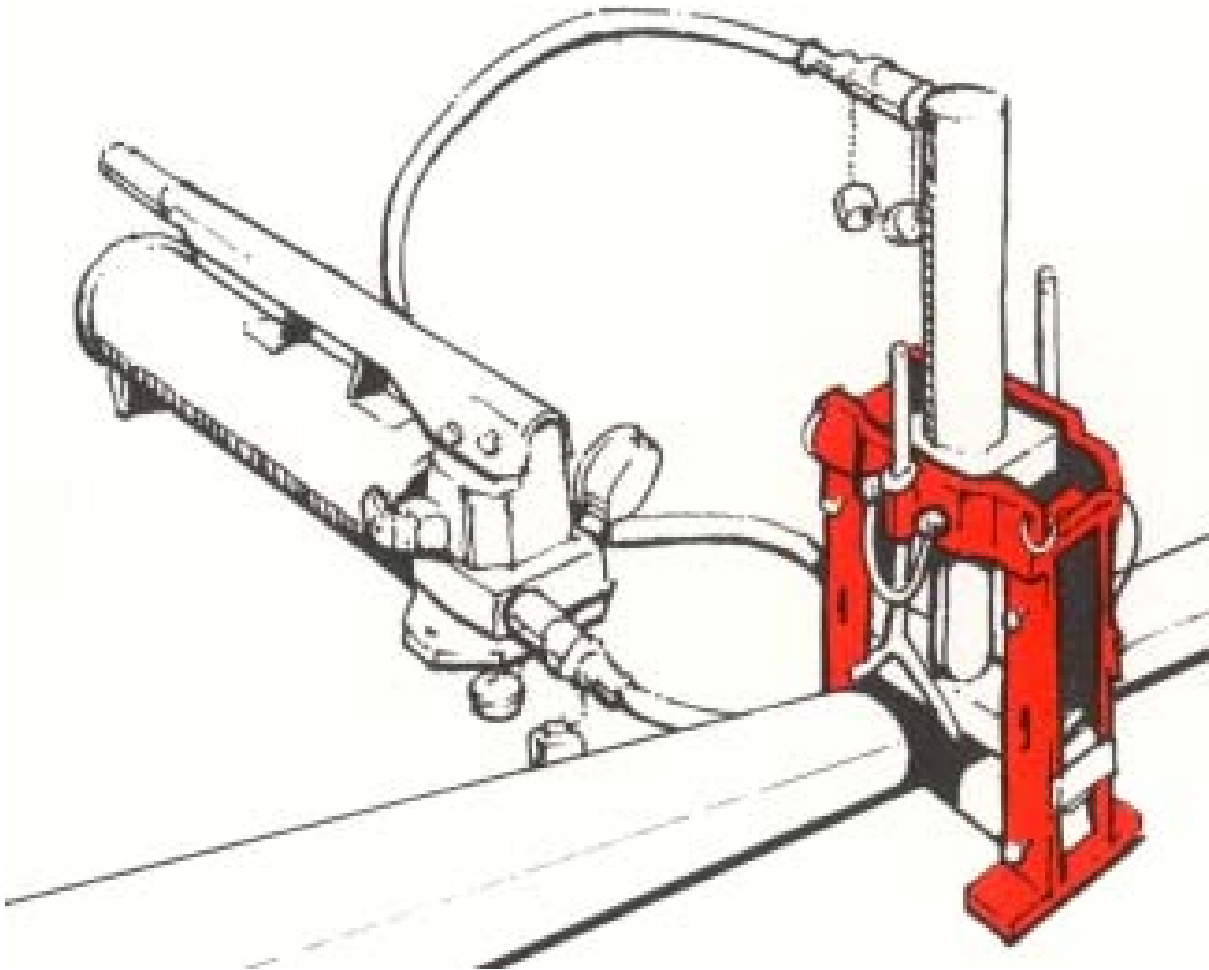
6

Remove the hydraulics. The wedge locks will keep the pipe squeezed-off and will help to eliminate any release or tampering.



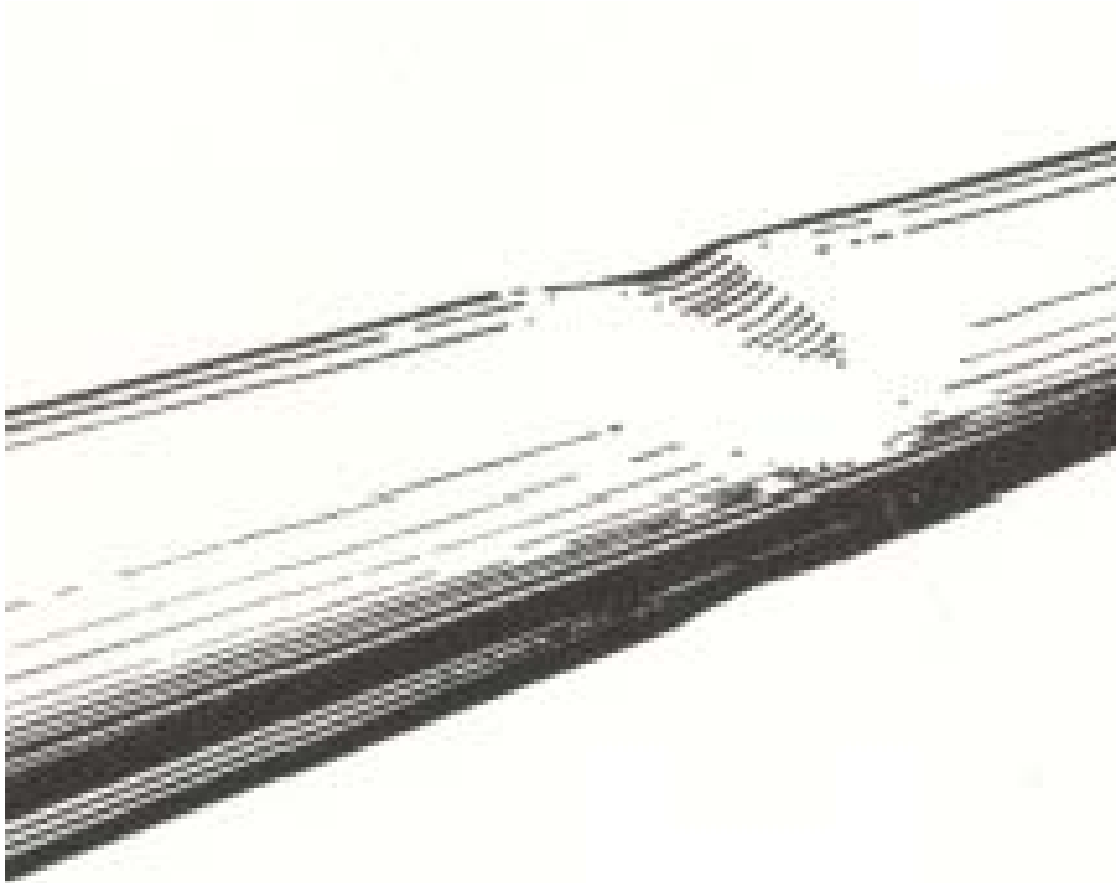
7

When repairs are completed, re-install the hydraulics and apply only enough pressure to loosen the wedge locks. Remove the wedge locks and slowly release the pressure. A slow reduction of pressure is as important as a slow squeeze rate.



8

The pipe-choke may be rotated 90° and pressure re-applied to re-round the pipe. Inspect the squeezed area. Report any damage immediately. Mark **the squeezed area**.



9

A support clamp may be installed on the squeezed area. The clamp will help maintain the correct pipe profile, support the squeezed section and aid in identifying the squeezed area.



CHOKES™ USER'S GUIDE

1. Prepare the pipe-choke tool for operation. Be sure that you have all parts and the proper size squeeze stops.
2. Assemble the squeeze unit. Visually inspect your equipment and test it to ensure proper operation. Pipe-choke tools should be maintained in good working order for emergency use. Examine the hydraulic hose(s) for kinks or nicks before each use.
3. Check the pipe area that will be squeezed. DO NOT attempt to squeeze an area of pipe that has been squeezed-off previously. Make sure that you have enough work space for the pipe-choke and for the repair work.
4. Place the pipe-choke tool over the area of pipe to be squeezed. **Center** the machine on the pipe. Make sure the correct stops are in place and the tool is grounded. **(Follow your company's squeeze-off procedures exactly.)**
5. Begin to apply pressure until the squeeze bars seat on the squeeze stops. A slow, uniform rate of pressure will lessen possible damage to the pipe. Place the mechanical back-up lock wedges in position and tap lightly to lock. Visually examine the squeeze-off.
6. Remove the hydraulics. The wedge locks will keep the pipe squeezed-off and will help to eliminate any release or tampering.
7. When repairs are completed, re-install the hydraulics and apply only enough pressure to loosen the wedge locks, Remove the wedge locks and slowly release the pressure. A **slow** reduction of pressure is as important as a slow squeeze rate.

8. The pipe-choke may be rotated 90° and pressure re-applied to re-round the pipe. Inspect the squeezed area. Report any damage immediately. **Mark the squeezed area.**
9. A support clamp may be installed on the squeezed area. The clamp will help maintain the correct pipe profile, support the squeezed section and aid in identifying the squeezed area.

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