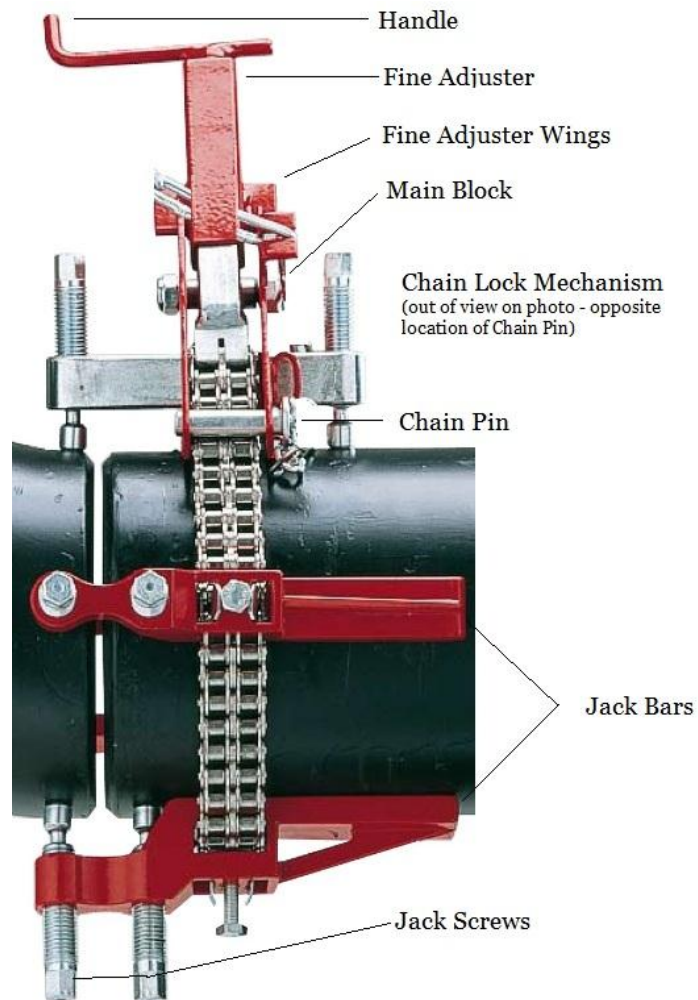




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Chain Clamps - Installation Guide



Installation Instructions

Step One: Remove the clamp from the tool box. Place the clamp on the floor or workbench. If necessary, release the chain from the clamp so that it lies flat across your work space (you may need to release the Chain Pin and Chain Lock



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Mechanism in order to do this).

- Step Two: Work out the circumference of the pipe or fitting that you are going to be aligning or reforming. Remove or add Jack Bars to the clamp as necessary (ensure they are facing the correct direction, as shown in the photo on the previous page) to suit the size of the pipe being fitted.
- Step Three: Holding the Main Block in place on top of the pipe, wrap the chain and Jack Bars around the pipe and lock the Fine Adjuster wings back into the Main Block in the slots. Pull the Chain through the Main Block until the Jack Bars touch the pipe. Place the Chain Pin back into the Main Block and engage the Chain Lock Mechanism.
- Step Four: If the Jack Bars are not equally spaced on the Chain, then loosen the Chain Screw on the Jack Bars and move them now. Retighten the Chain Screws.
- Step Five: Rotate the Handle on the Fine Adjuster until the clamp is tight on the pipe then rotate the Jack Screws until they make contact with the pipe. Then back off one full turn.
- Step Six: Rotate the Handle on the Fine Adjuster to loosen the Chain then slide the clamp forward until the Jack Screws are an equal distance from the weld joint.
- Step Seven: Tighten the Handle on the Fine Adjuster to tighten the clamp on the pipe. The clamp is now ready to accept any clamp, fitting, or valve which is the same size as the fit-up pipe, fitting, or valve.

Note: The Main Block Jack Screws should be in full contact with the pipe. If they are not, adjust them now.

Chain Clamps can reform pipe up to Schedule 40. Please note that working with particularly heavy walled pipes may affect the reforming capabilities.



The Chain Clamp can also be used to align elbows, using the Level and Support Device, as shown in the photo above.

If you are unfamiliar with operating this clamp in this way, please contact us at info@sawyeremfg.com and we can advise the best operating set-up for your application.

Safety

1. The Chain Clamps are not intended to support or lift the entire length of the pipe.
2. Reforming and alignment capacity will vary depending on the pipe diameter, wall thickness and pipe tensile strength.
3. All Jack Bars must be in contact with the pipe before commencing any procedures.
4. The Level and Support Device should never be used as sole support of the pipe, fitting, or valve.
5. The Chain Clamp should be inspected prior to use.
6. Two people should be present to operate the clamp.
7. The Chain Clamps should never be used on pipes outside of their stated size range.