

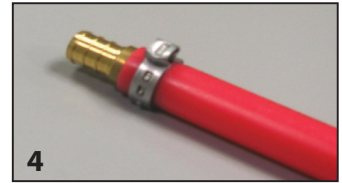
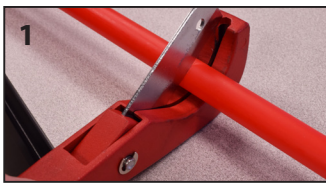
Legend Cinch Clamp Tool

Installation Guide

The Legend Cinch Clamp Tool is designed for use with stainless steel cinch clamps in combination with brass insert fittings, meeting the requirements of ASTM F1807 or plastic insert fittings meeting the requirements of ASTM F2098. The Legend Cinch Clamp Tool should only be used on cinch fittings and flexible plastic tubing meeting the requirements of ASTM F876 / 877 or ASTM F2769.

Making a Cinch Clamp Connection

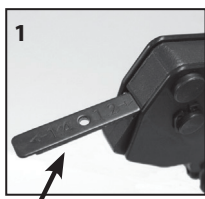
1. Cut Tubing end squarely. Remove any burrs.
2. Slide the Cinch Clamp over the pipe and insert fitting. Place the Cinch Clamp 1/8" to 1/4" from the edge of the open pipe.
3. Place the Cinch Clamp nub between the tool jaws and ratchet the clamp until the PEX cinch clamp tool auto-releases. This action will ensure the Cinch Clamp is fully engaged.
4. Pressure test the PEX pipe system and inspect each joint before burying or putting into normal service.



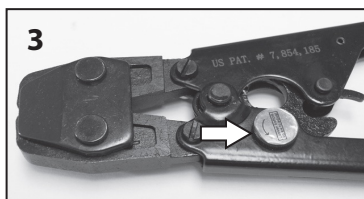
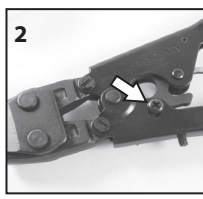
Tool Calibration

1. Insert the calibration gauge provided into the tool as shown. Ratchet the tool to the closed position (tool jaws should be biting into the gauge).
2. Use the calibration gauge to check the jaw gap. Ideally, the jaw gap should be between 0.8 mm and 1.2 mm. If the 1.2 mm side of the gauge slides into the gap, then the jaw space is too large. If the 0.8 mm side of the gauge cannot slide into the gap, then the jaw space is too much.
3. To adjust the jaw gap, turn the tool on its side and locate the locking screw positioned on the handle **(2)**. Use a philips screwdriver to loosen the locking screw by turning counter-clockwise. Flip the tool over and locate the adjustment screw **(3)**. Turn the adjustment screw by hand right or left as needed to change the size of the jaw gap. Turn the adjustment screw clockwise to make the jaw gap smaller and counter-clockwise to make the jaw gap larger. When adjustment is complete, tighten the locking screw with a philips screwdriver by turning in clockwise direction.

Repeat steps 1 & 2 to re-check for proper jaw gap and further adjust per step 3 until jaw gap is correct.



Calibration Gauge



Adjustment Screw