

SCI Press – Copper Systems 1/2" to 2"

For Types K, L, M Hard Copper Tubing (Soft Copper Tubing 1/2" to 1 1/4")



Read and understand all instructions before use.

WARNING

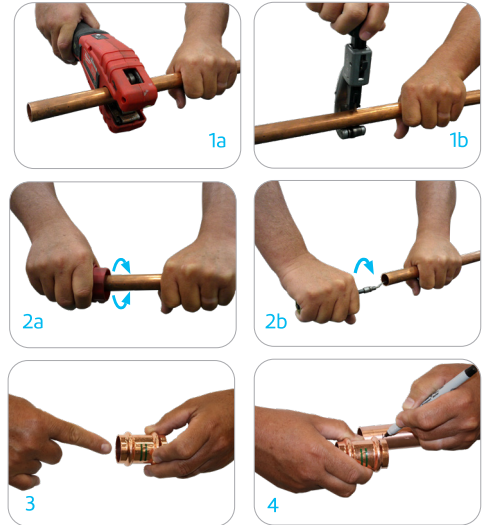
Ensure system is drained and depressurized before installation or service.

Use appropriate personal protective equipment.



Failure to follow these instructions could result in serious personal injury and/or property damage.

- 1 Cut copper tubing at right angles to desired length using a rotational type cutter or fine-toothed steel saw.
- 2 Remove all burrs from inside and outside of tubing to prevent cutting sealing element. The surface of the copper must be free of any form of damage to ensure a proper seal.
- 3 Check seal for correct fit. Do not apply additional oils or lubricants. Use only SCI Press EPDM sealing element.
- 4 Mark proper insertion depth as indicated by the SCI Press Insertion Depth Chart. Improper insertion depth may result in an improper seal.



SCI Press Insertion Depth

Size	1/2	3/4	1	1 1/4	1 1/2	2
Depth	3/4	7/8	7/8	1 1/16	1 3/8	1 9/16



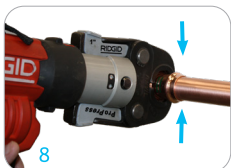
- 5 While turning slightly, slide press fitting onto tubing until the tube end contacts the stop in the fitting. A properly inserted fitting lines up with the insertion depth line.



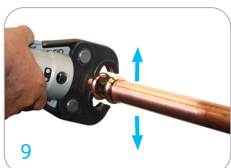
- 6 Install appropriate jaw into the pressing tool. Refer to specific tool manufacturer's instructions.



- 7 Open the jaw and place at right angles on the fitting. Visually check insertion depth using mark on tubing. Both groove halves of the jaw must be engaged with the fitting.



- 8 Start pressing process and hold the trigger until the jaw has completed its cycle. Refer to specific tool manufacturer's instructions.



- 9 After pressing, remove the jaw and inspect that the fitting is secured. After visual confirmation of each connection, a system pressure test may be performed in accordance with local code requirements.

SCI Press – Copper Systems 2 1/2" to 4"

For Types K, L, M Hard Copper Tubing



Read and understand all instructions before use.

WARNING

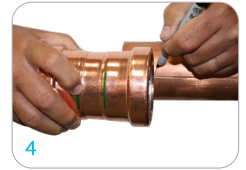
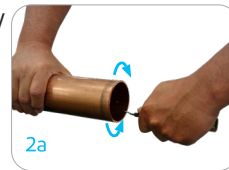
Ensure system is drained and depressurized before installation or service.

Use appropriate personal protective equipment.



Failure to follow these instructions could result in serious personal injury and/or property damage.

- 1 Cut copper tubing at right angles to desired length using a rotational type cutter or fine-toothed steel saw.
- 2 Remove all burrs from inside and outside of tubing to prevent cutting sealing element. The surface of the copper must be free of any form of damage to ensure a proper seal.
- 3 Check seal for correct fit. Do not apply additional oils or lubricants. Use only SCI Press EPDM sealing element.
- 4 Mark proper insertion depth as indicated by the SCI Press Insertion Depth Chart. Improper insertion depth may result in an improper seal.



SCI Press Insertion Depth

Size	2 1/2"	3"	4"
Depth	1 11/16"	1 15/16"	2 5/16"



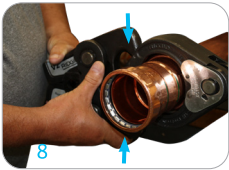
- 5 While turning slightly, slide press fitting onto tubing until the tube end contacts the stop in the fitting. A properly inserted fitting lines up with the insertion depth line.



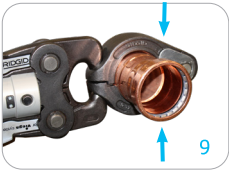
- 6 SCI Press fitting connections (2 1/2" - 4") must be performed with XL rings only. Use of incorrect rings and/or actuator will result in an improper connection. Refer to specific tool manufacturer's instructions.



- 7 Open the jaw and place at right angles on the fitting. Visually check insertion depth using mark on tubing. Both groove halves of the jaw must be engaged with the fitting.



- 8 With actuator inserted into the tool, open the actuator as shown and connect actuator to the ring.



- 9 Place actuator onto ring and start pressing process. Hold the trigger until the actuator has engaged the ring. Refer to specific tool manufacturer's instructions. After visual confirmation of each connection, a system pressure test may be performed in accordance with local code requirements.