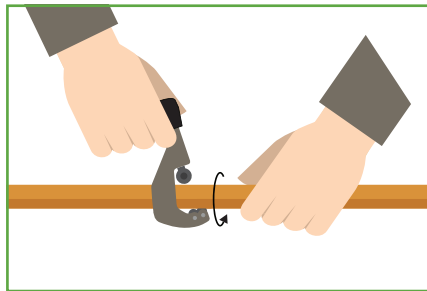


ZoomLock **PUSH**

Push-to-Connect Refrigerant Fittings

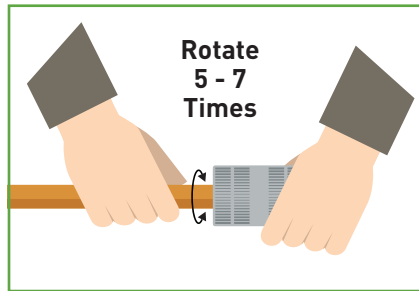
INSTALLATION OF FITTING

⚠ CAUTION: Do not insert fingers in to the grip ring inside the fitting. Immediate emergency medical attention may be required for removal.



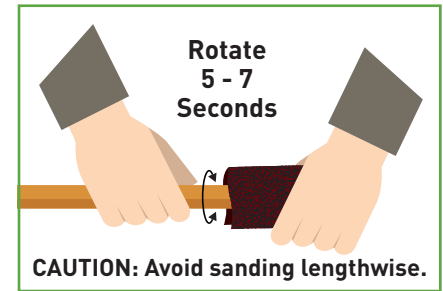
STEP 1 - CUT COPPER TUBE

Cut copper tube using a commercially available tube cutter. Verify tube cutter is properly maintained and wheel is sharp. **DO NOT** use any type of saw as this creates a sharp surface that will cut the o-ring.



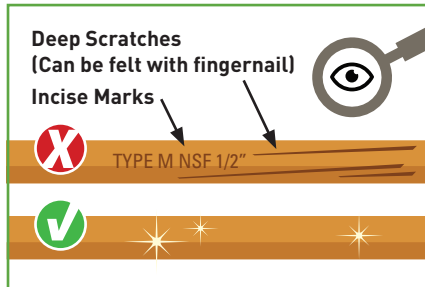
STEP 2 - DEBURR

ALL tubing MUST have the outer diameter **deburred** prior to ZoomLock PUSH fitting installation. Rotate tool back-and-forth 5 - 7 times to remove all sharp edges and burrs. **Perform this step BEFORE** sanding.



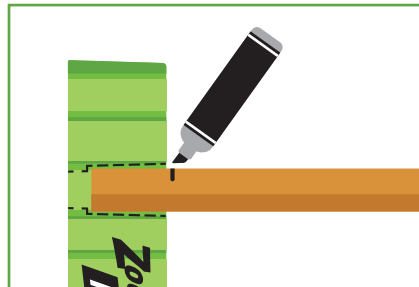
STEP 3 - SAND and CLEAN

ALL tubing must be SANDED and CLEANED. Use a general purpose hand pad or sand cloth. **SAND tube in RADIAL DIRECTION** as shown with arrows for 5 - 7 seconds or 10 - 14 times back-and-forth. Remove residual debris from tube end.



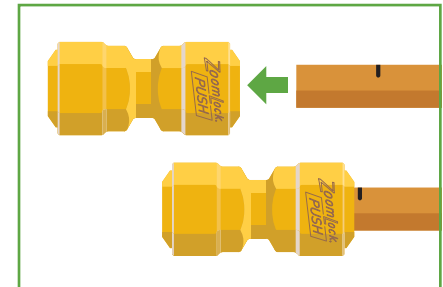
STEP 4 - INSPECT TUBE

INSPECT copper tube AFTER sanding. Assure there are **NO VISIBLE SCRATCHES, INCISE MARKS, TUBE DEFECTS OR TUBE OUT OF ROUND.** Area of importance is within 1½ inches from tube end. If scratches are present, cut off affected areas and repeat Steps 2 and 3 or sand thoroughly to remove.



STEP 5 - MARK DEPTH

Using the depth gauge (provided in the ZoomLock PUSH Installation Kit, P/N 777091) determine the correct insertion depth. Mark the tubing with permanent marker to indicate proper insertion depth on every tube.



STEP 6 - PUSH INTO FITTING

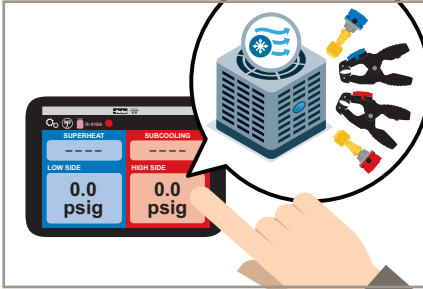
Push the tube into the fitting. Use the mark to assure insertion depth and secure fit.

ZoomLock PUSH

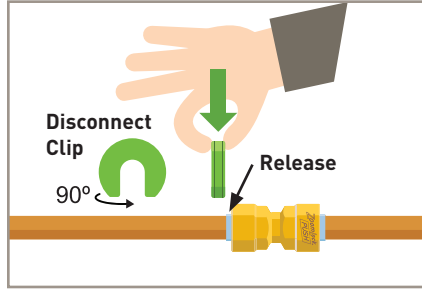
Push-to-Connect Refrigerant Fittings

REMOVAL OF FITTING (Removable Fittings Only)

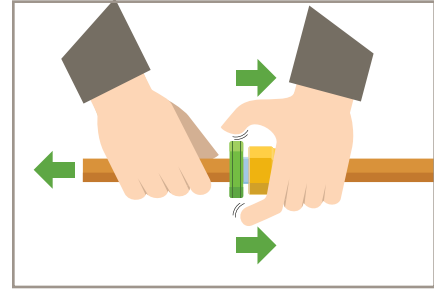
⚠ CAUTION: Removal of fittings while system is under pressure can result in serious injury.



STEP 1 - ISOLATE OR REMOVE SYSTEM CHARGE



STEP 2 - INSERT CLIP



STEP 3 - PRESS RELEASE

NOTE:

1. ZoomLock PUSH Removable fittings are not designed for repeated reinstallations. Observing the removal instructions above, the fittings can be removed.
2. Care should be taken when connecting copper tubing to avoid using damaged copper or fittings.
3. Fittings and linesets should be inspected with other components during routine annual maintenance checks.

INSTALLATION PARTS and ACCESSORIES



Installation Kit

3 piece ZoomLock PUSH installation kit includes depth gauge, permanent marker, and Scotch-Brite® general purpose hand pad. Tubing cutter and deburring tool sold separately.

- » **Description:** PZKP-IK
- » **Part Number:** 777091



Removal Tools

Removal tools for 1/4" - 7/8" sizes of ZoomLock PUSH removable fittings.

- » **Description:** PZKPR-RT
- » **Part Number:** 777090