

C.R. LAURENCE CO.

TAPER-LOC™ System Cat. No. TLK4EX - Taper Extractor Tool

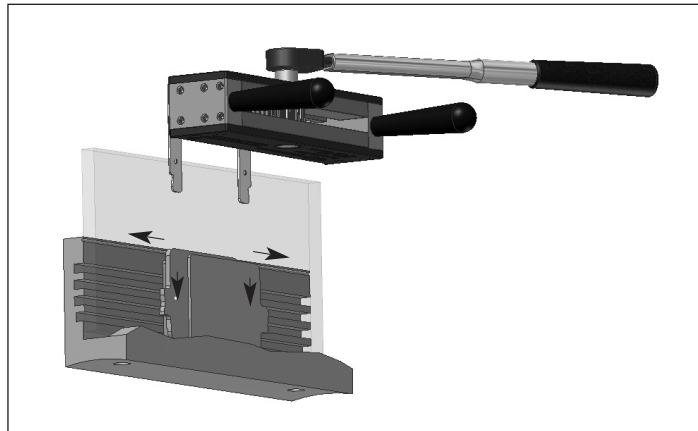
CRL's new Taper Extractor Tool Cat. No. TLK4EX is designed to remove weathered and broken tapers that cannot be removed with the standard TLK9 TAPER-LOC™ TOOL.

Taper Removal:

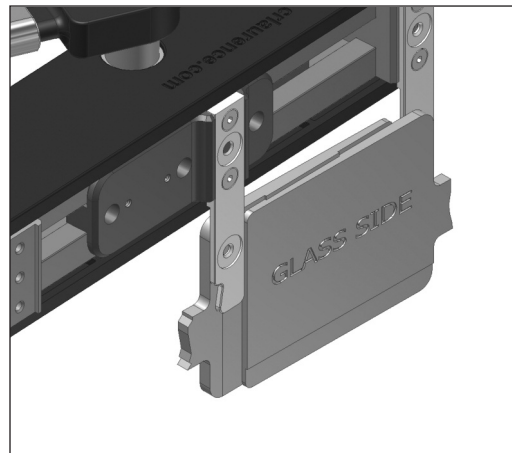
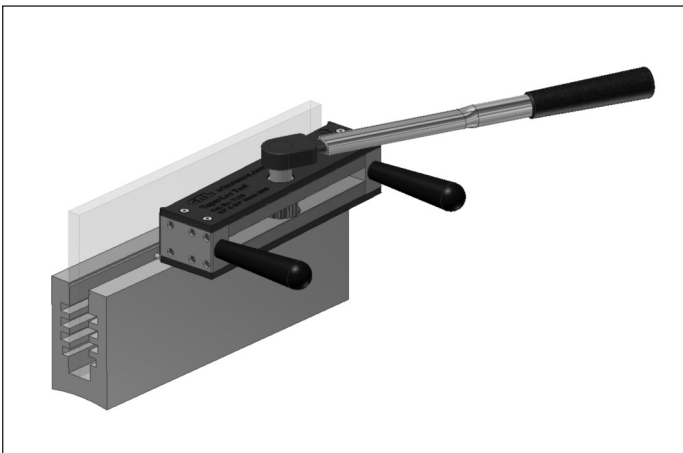
IMPORTANT: The blades used for extraction are very thin and must be inserted properly to prevent bending. Ensure that the tool is fully inserted and held steady during the procedure to avoid twisting.

Steps:

- 1) Spread the blades, using the ratchet, until they are slightly wider than the overlap of both Tapers.

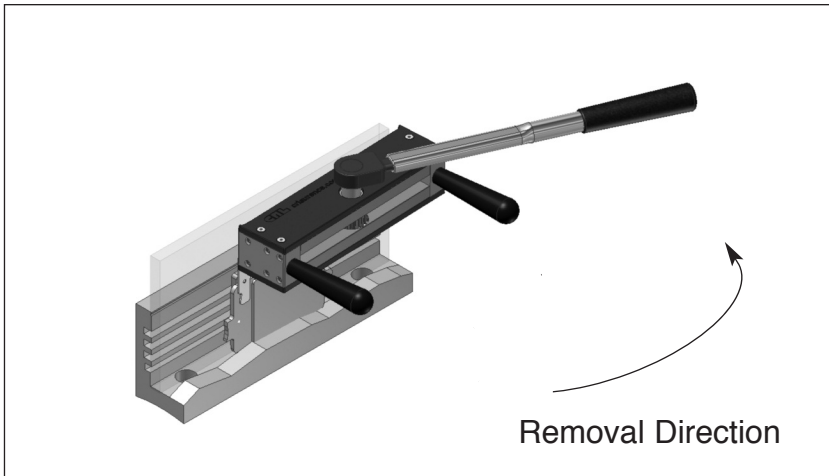


- 2) Carefully push the tool down into position as you slide the blades into the small gaps on each side of the Tapers. The tool body should be pressed down firmly until it rests on top of the Base Shoe.

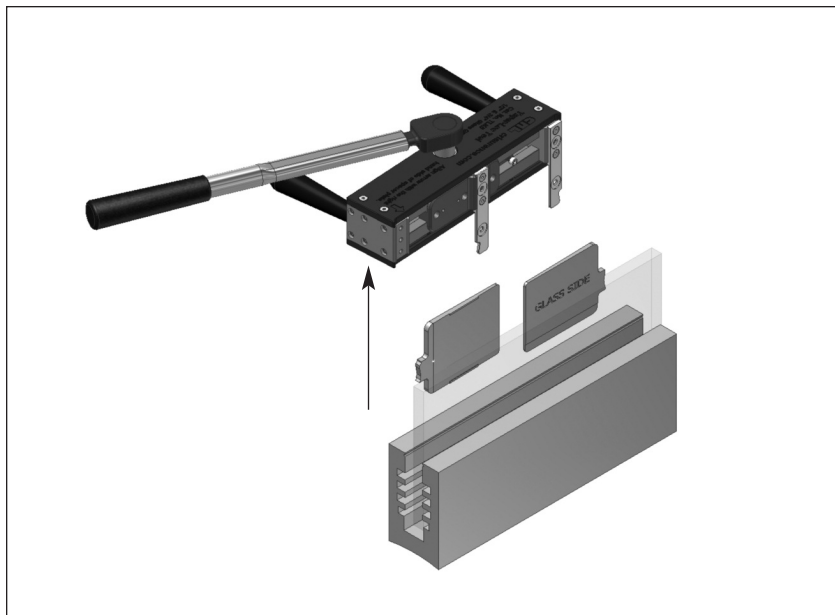


- 3) Gently close the blade gap until they contact each taper evenly.

4) Assuming the Tapers are wedged tightly and possibly expanded from weathering, moderate force will be required to break them loose. Therefore, we suggest having a second person steady the tool body using the two handles while you apply pressure to the wrench. The blades will bend if not kept straight inside the gap. Just a slight lateral displacement will be enough to break the Tapers free. Apply smooth, even pressure to the handle until you feel the separation take place.



5) Once the Tapers are separated, carefully remove the Tool Assembly by pulling straight up until the blades are clear from the Base Shoe.



6) Remove the damaged Tapers.