Tool Tip Replacement Instructions

QA Technology tools are designed to allow for easy replacement of a damaged or worn-out tip without having to return the tool for repair. We offer several different replacement methods for various tool products. Please see our catalog or website for individual replacement part numbers. The following are instructions for the different tools we offer.

Tool Variations

Replacement Tip

Replacement Tip

Replacement Tip

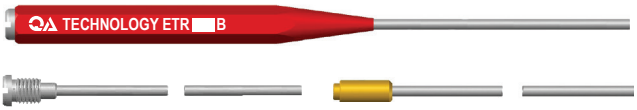
Replacement Tip

Replacement Tip

Replacement Tip

Replacement Tip

Replacement PIN *Replacement STOP*



Replacement Tip (2 pcs)

SPECIAL NOTES BEFORE YOU BEGIN:

- Since the handles and TIPS are engraved with the specific tool part number, it is important to match the one being replaced to avoid an improper set height or damage to an associated component.

- Applying low heat to the threaded area with a torch will help to loosen threads when Loctite has been applied.
- Clean the internal threads and smooth bore with compressed air or a cotton swab. If needed use a mild solvent to help dissolve contaminants and to dry the part.
- All threaded assemblies are right hand threads.

Replacement Instructions

STEP 1

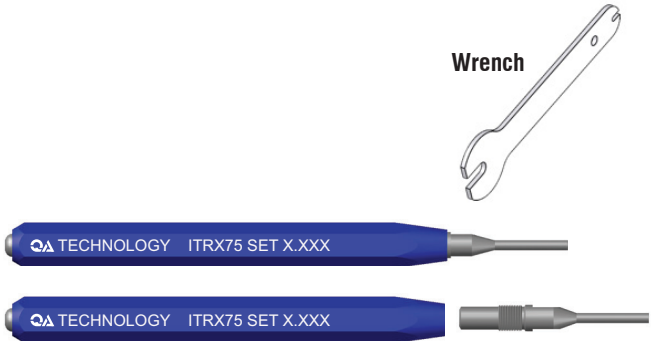
Clamp the handle in a vise to remove damaged/worn/broken tip assembly. Use soft jaws to prevent damage to the handle.

STEP 2

Remove the tip from the handle.

Style: ITR-SET

Using the 4.5mm open ended wrench, unscrew the ITR-TIP from the handle.



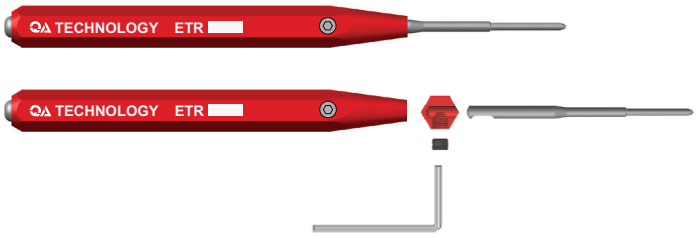
STEP 3

Thread the replacement tip until it is tightened by using the 4.5mm wrench. Be sure that the tip is tightened securely. Your tool is now ready for use.

OR

Style: ITR-FL, ETR, WTR, JTR, GTR AND TERX

Using the 1.5mm hex key, loosen the set screw from the handle and pull out the tip.



STEP 3

Insert the replacement tip into the bottom of the bore while keeping the flat side on the set screw side.

STEP 4

Tighten the set screw with the 1.5mm hex key. Your tool is now ready for use.

Style: ETR___B

Using a flathead screwdriver, unscrew the drive pin assembly from the handle turning counter clockwise. Remove the drive pin assembly from the handle (use pliers if necessary).

STEP 3

Clean the threads in the handle using compressed air or cotton swab. If needed use a mild solvent to help dissolve contaminants and dry.

STEP 4

Unclamp the handle from the vise and remove the internal spring and support tube assembly. Place the spring aside as this will be reused.

STEP 5

To reassemble, insert the spring onto the drive pin assembly, then onto the support tube assembly, pin end down, into the tool handle.

STEP 6

Thread the drive pin assembly into the handle and tighten it with the flathead screwdriver.

Style: ATR

STEP 1

Loosen the two 3mm thimble locking hex screws with the 1.5mm hex wrench key.

STEP 2

Remove the thimble from the handle by unscrewing the two assemblies.

STEP 3

Using the 4.5mm wrench, unscrew the stop tube from the thimble.

STEP 4

Using the 1/16" wrench, unscrew the drive pin from the handle.

STEP 5

Screw the drive pin with 5-40 thread onto handle, tighten with a 1/16" wrench.

STEP 6

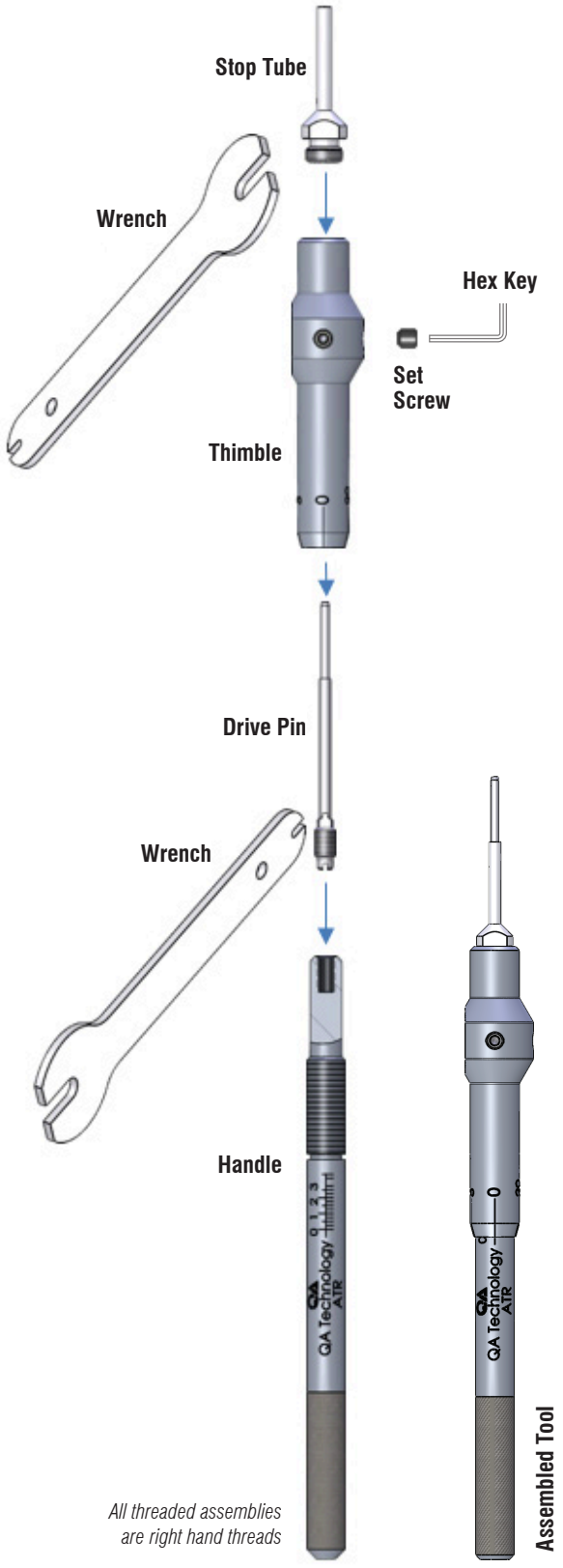
Screw the stop tube with 10-32 thread onto the thimble and tighten it with 4.5mm wrench.

STEP 7

Thread the thimble onto the handle.

STEP 8

Set the tool to the desired set height and tighten the 3mm set screws to maintain the setting.



All threaded assemblies are right hand threads

More details can be found on our website
www.qatech.com/en/resources-videos/resources-videos.html