

## IMS STRAPPING TOOL OPERATION INSTRUCTIONS

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### INTRODUCTION

The BT2HTI Tool installs Panduit Pan-Steel coated and uncoated IMS Series strap and buckles in widths of:

- 3/8" X .015" thick (9.5mm x 0.35mm thick)
- 1/2" X .015" thick (12 mm x 0.35mm thick)
- 5/8" X .015" thick (16mm x 0.35mm thick).
- 3/4" X .030" thick (19mm x 0.7mm thick)

The inverted blade provides longer cut-off lengths.

**Note:** This tool is not intended for other uses such as cutting or tensioning other types of fastening devices.

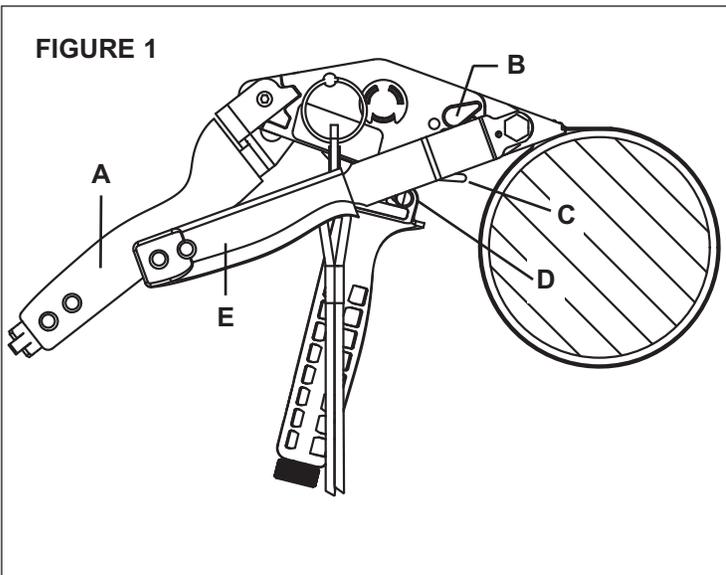
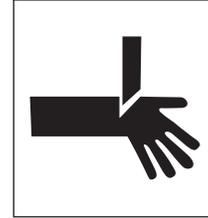
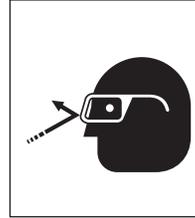


FIGURE 1

### TOOL FEATURES

- A. Rear Handle
- B.\* Tension Pawl Release - Knob pointing towards the front of tool for pawl engagement and to rear of tool for disengagement.
- C.\* Anti-Backup Pawl Release - Lever up against tool for pawl engagement and pulled down to disengage pawl.
- D.\* Detent Lock Pins - For controlled tension, pull both pins forward; for manual tension, push both pins backward.
- E. Cutter Handle - Cuts tie when strap is tensioned properly.
- F. Cutter Blade
- G. Tensioning Mandrel
- H.\* Tension Indicator Window - Located on the back of front handle.
- I.\* Adjustment Knob - Adjust tension of strap application.
- J. Tension Locking Set Screw
- K. Front Handle - With ratchet controlled tensioning.

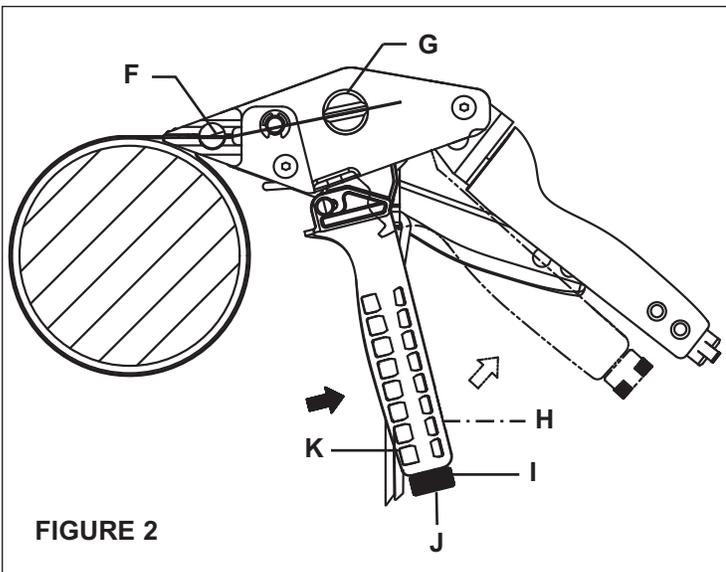


FIGURE 2

\* See Page 2 for Feature Detail

### TOOL OPERATION

See Steps 1 - 8 on Pages 3 and 4.

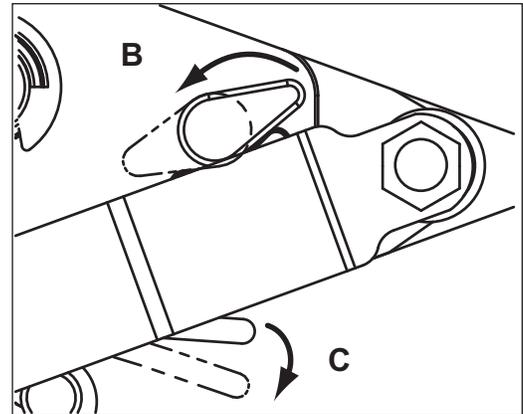
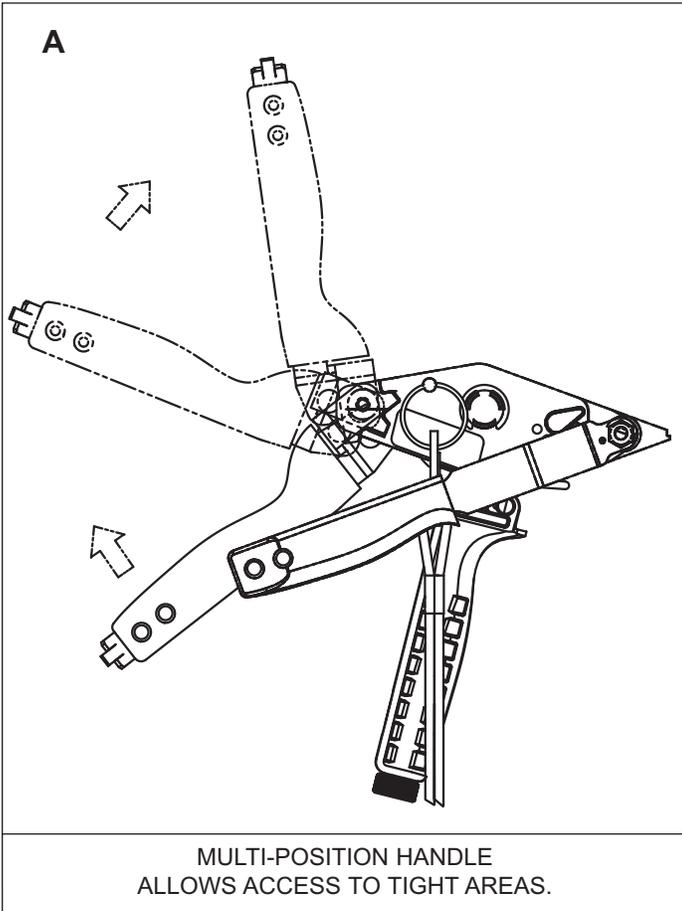
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techsupport@panduit.com

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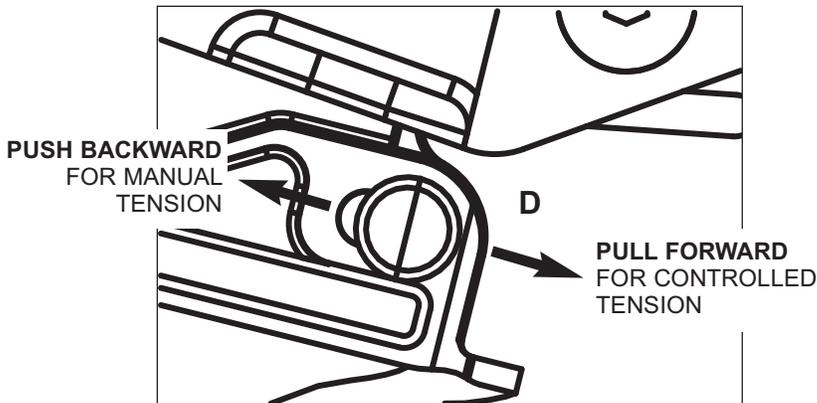
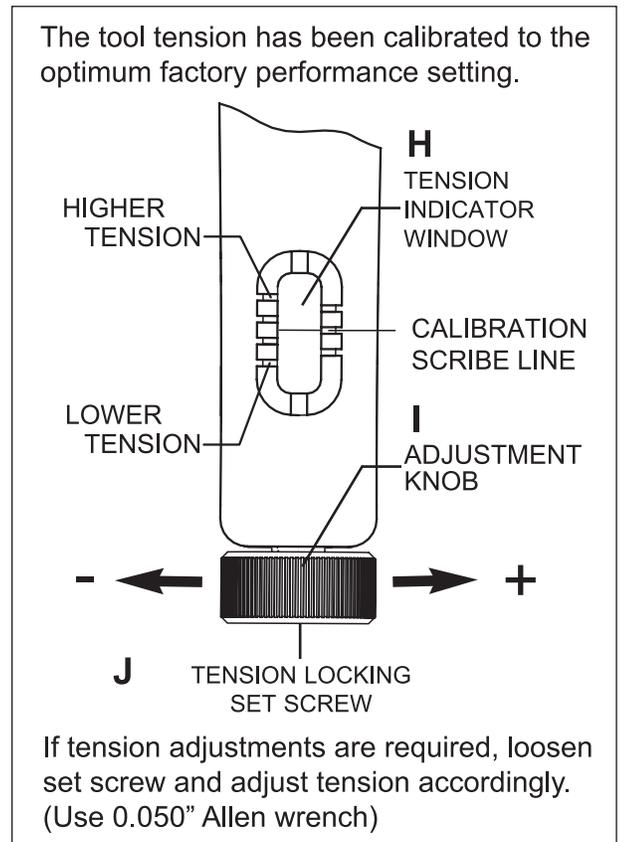
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1-800-777-3300

**TOOL MAINTENANCE**

TO INHIBIT CORROSION AND MAINTAIN PERFORMANCE OF THE TOOL, KEEP THE METAL SURFACES COATED WITH A LIGHT OIL (WD-40® OR EQUIVALENT). After every 5,000 cuts (or when experiencing a significant increase in cutting force), use a WD-40 aerosol to blow the dirt and debris off of the blade and blade housing area.



**TROUBLESHOOTING**  
TO RELEASE AND REMOVE STRAP FROM TOOL BEFORE CUTTING, DISENGAGE BOTH KNOB AND LEVER.



STEP 1	STEP 2
	
<p>Slide in buckle and bend the end of strap.</p>	<p>Loop strap around bundle and through buckle. Thread strap through nose of tool and through slot of the tensioning mandrel.</p>
STEP 3	STEP 4
	
<p>Pull front handle to tension strap and rotate the tool to touch the buckle (as shown).</p> <p><b>NOTE:</b> Under controlled tension, the front handle will break free when pre-determined tension is attained.</p>	<p>Pull cutter lever downward to cut strap. Remove cut-off portion of strap from tool. Remove tool while maintaining the position of cut strap shown above.</p>

**STEP 5**



Push cut-off end of strap down between ears

**STEP 6**



Start to bend ears to retain cut end of strap.

**STEP 7**



Bend the buckle ears as shown above.

**STEP 8**



Ears flat, strap correctly installed.