U.S. Patent No. 6,427,331

MWSS & MWS

Messengered Web Slitting and Shaving

Warning! **<u>This tool should not be used on live electrical circuits.</u>** **<u>It is not protected against electrical shock!</u>** Always use **OSHA/ANSI** or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

The Messenger Web Slitter/Shaver and Web Slitter are designed to separate the messenger from the cable and shave the residual webbing material on messengered cable.

MWSS
SLITTER/SHAVER

MWS
SLITTER

<u>OPERATING INSTRUCTIONS</u>

Slitting the Webbed Messenger Cable

Steps 1 through 4 apply to both the MWSS and MWS.

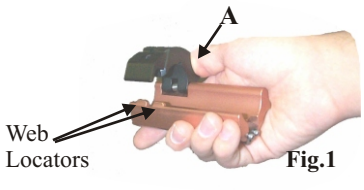


Fig.1

Step 1. Place the tool in the palm of the right hand as in Figure 1. With the thumb, depress the grooved area on the back of the Blade Hinge (A) to open the tool.

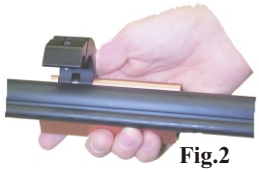


Fig.2

Step 2. Position the underside of the webbing of the cable on the two Web Locators (see Figure 1) at the point where the cables will be separated. Insure that the coax side of the cable is placed inside the tool.

Fig.3

Step 3. Close the Blade Hinge with your thumb pressing the blade into the webbing between the cables

Fig.4

Step 4. Slowly pull the tool toward the end of the cable in a steady motion keeping slight downward pressure on the Blade Hinge. Continue pulling in this manner until the tool is pulled off the end of the cable.

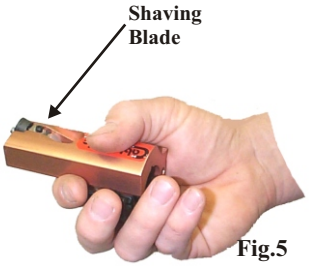


Fig.5

Step 5. Place the tool upside down with the Blade Hinge in the palm of the right hand. The shaving blade should be away from you as in Figure 5.

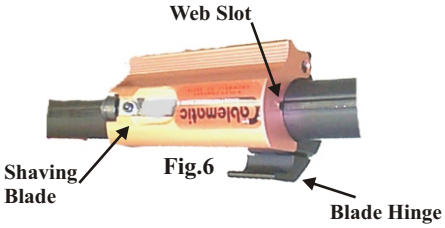


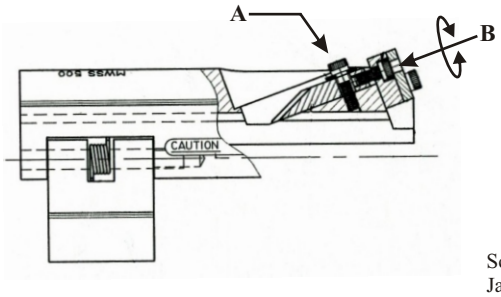
Fig.6

Step 6. Slide the tool over the cable. The length of the shave should be 2 inches beyond the heat shrink tube length. Align the tool so the residual web material is in the slot in the body of the tool.

Fig.7

Step7 . Keeping the residual web material aligned in the Web Slot, grip the tool as in Figure 7 and pull in this manner until the tool is pulled off the end of the cable. Insure that the body of the tool is kept firmly and evenly against the cable during the complete pull.

MWSS Shaving blade adjustment



The MWSS tool is factory designed and set to shave a round form on the trunk jacket, but some final adjustment may be desired. The forms depicted below illustrate a blade set deep (1), a blade set shallow (2), and a blade set properly (3).

The line drawing at left depicts the working parts of the shaving blade mechanism.

1. With a 3/32 hex wrench, loosen cap screw (A) about 1/4 turn.
2. The depth adjusting screw (B) is accessed thru the hole in the back plate. To raise the blade, turn clockwise. To set the blade deeper, turn CCW. *Note the total adjustability is limited to 1½ turns.*
3. Re-tighten cap screw A.

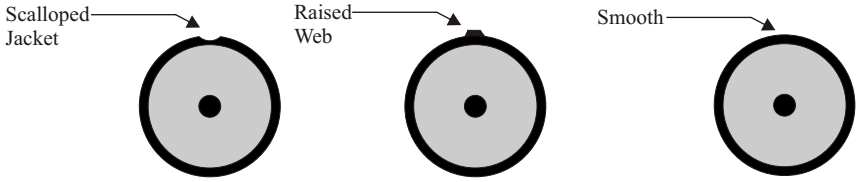


Fig.1 Fig.2 Fig.3

Model	Slitting Blade	Shaving Blade
MWSS 400	CB 209	CB 229
MWSS 500	CB 209	CB 227
MWSS 700	CB 209	CB 226
MWSS 800	CB 209	CB 228
MWS 400	CB 209	
MWS 500	CB 209	
MWS 700	CB 209	
MWS 800	CB 209	

Tool/Model	CommScope QR	CommScope P3	Times Fiber	Times Fiber	Trilogy MC²
MWSS 400	QR 320	P3 412 JCAM	T10 412 MS		
MWSS 500	QR 500, QR 540	P3 500 JCAM	T10 500 MS	TX 565 MS	
MWSS 700	QR 715	P3 625 JCAM, P3 750 JCAM	T10 625 MS, T10 750 MS	TX 700MS	
MWSS 800	QR 860	P3 875 JCAM	T10 875 MS	TX 840 MS	
MWS 400	QR 320	P3 412 JCAM	T10 412 MS		440 F8
MWS 500	QR 500, QR 540	P3 500 JCAM	T10 500 MS	TX 565 MS	500 F8UA
MWS 700	QR 715	P3 625 JCAM, P3 750 JCAM	T10 625 MS, T10 750 MS	TX 700MS	650 F8UA, 750 F8UA
MWS 800	QR 860	P3 875 JCAM	T10 875 MS	TX 840 MS	

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