

Adjustable End Stripping Tool

WS50

Warning: This tool is not insulated against electrical shock and should be used with electrically insulated gloves. This tool is not to be used for purposes other than intended.

Side A

1. Always cut the cable end with a proper Cable Cutter (curved jaws), or use a Hacksaw. It is important not to flatten the conductor circumference.
2. Place the WS50 over the cable end, with the blade out just beyond the cable's end.
3. Close the WS50 over the cable by turning the knurled control on the handle bottom. Make tight, but not binding. The WS50 must be free to rotate around the cable.
4. Position and lock the CB50 Cutting Blade so that the bottom of the cutting edge is about 1/32" (0.8mm) above the conductor surface.
(Looking into the cable end.)
5. Slowly rotate the WS50 backwards one full turn, observing to be sure the CB50 will not touch the conductor surface at any point.
THE CB50 CAN BE PERMANENTLY DAMAGED IF THE BLADE IS TOO CLOSE AND TOUCHES THE CONDUCTOR.
6. When the CB50 Blade is properly positioned, begin the WS50 stripping by applying a slight forward pressure into the cable, and rotating the tool in its cutting direction around the cable, continuing so until the desired stripping length is reached. Do not "tilt" the WS50 during this operation. A cable clamp or other "stopping" device can be placed on the cable beforehand, to act as a "stop" to produce a squared ending. (After a little experience, the WS50 can be stopped by hand, making a squared ending.)
On thin insulations, the outer handle may be removed for easier operation.
7. The WS50 can be used to remove plastic outer jacket material over concentric neutrals, or copper tape shielding.



WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.

Tool	Part #	Blade	Blade Part #	Blade Description
WSS0A	30713	C850A	30712	Standard
WSS0	30700	CB50	30703	Long Reach

INSTALLATION AND INSTRUCTION FOR STOP BAR ASSEMBLY STEP 5A: ADDENDUM TO WS50 ADJUSTABLE END STRIPPING TOOL

The WS50 Adjustable End Stripping tool has been redesigned to incorporate the use of an adjustable stop bar for determining the desired length of insulation removal (exposed conductor length). The adjustable strip length can be set from 1/2" to 6 1/2". The stop bar assembly allows the operator to swing the stop bar out of the way in order to strip an infinite length of material, such as jacket removal and then be repositioned again for insulation removal without the need to re-measure the strip length for the insulation removal operation.

Refer to the attached Operating Instruction Sheets; Steps 1 thru 5 for Cable Preparation, Tool Positioning and Blade Adjustment .

(Continued on Side B)



46 Nooks Hill Road
Cromwell, CT 06416
Phone: 800-528-8665
Int'l: (01) 860-635-2200
Fax: (01) 860-635-3631
E-mail: info@ripley-tools.com
Internet: www.ripley-tools.com



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Side B

ASSEMBLY PROCEDURE: (Figure 1)

1. Install the Stop Bar Assembly (1) into the WS50 Body by adding the Stop Jar Assembly into the 3/8" diameter hold and retain by tightening down on the Adjustment Screw (2). Note that there is a flat section on the stop bar, this is so the end of the Adjustment Screw (2) will hold the stop bar assembly into position.

STRIP LENGTH ADJUSTMENT:

To Remove Outer Jacket Material (Figure 2)

1. Swing the Stop Face (3) out of the way by loosening Knob (4) 1/2 turn, rotate the Stop Face so an infinite strip length can be made and retighten knob (4) to secure in this position.

To Remove Insulation Material (Figure 1)

1. Loosen Knob (4) 1/2 turn and rotate stop face into a position where the stop face will contact the conductor of the cable. Secure in this position by retightening knob (4).
2. Adjust strip length (amount of insulation removal) by loosening the Adjustment Screw (2) and sliding the Stop Bar Assembly outward to achieve the desired strip length and retighten the Adjustment Screw (2)
3. Commence with the insulation removal by referring to step 6 in the attached WS50 operating instructions. It may be necessary to pull up or "Train" the Insulation Curl so it does not wrap itself around the conductor.
4. Adjustments to the length of insulation removal can be made by sliding the stop bar to make the final adjustment.

NOTE: In order to remove the outer jacket material over concentric neutrals or tape shielding, the strip stop face can be rotated out of position and secured without moving the preset conductor strip length (refer to Figure 2 for proper position) from its final position.