

Midspan Insulation Removal Tool Instruction Sheet

Warning! This tool is not protected against electrical shock! 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 *Utility Tool* WS61B is an adjustable midspan insulation removal tool for overhead insulated wire. It is designed to remove insulations up to 35kv (320 mils). It will strip cables with outside diameter range of 5/8" - 1-7/8".

Operating Instructions

A line clamp or stop clamp is a necessary accessory when using the WS61-B tool. The *Utility Tool* QC-1 clamp is available from Ripley.

1. Ensure that the cutting blade is fully retracted before operation. Turn the blade adjusting knob counterclockwise until it stops and the blade is retracted.
2. Open the tool an adequate amount to fit on the cable by retracting the tool jaw. Turn the jaw adjusting knob CCW to open.
3. Secure the stop clamp at the desired strip location.
4. Secure the WS61B tool on the cable next to the stop clamp. Turn the jaw adjustment knob clockwise until the tool is secured, but not tight. (Fig.1)
5. Carefully lower the blade until it only contacts the cable diameter.
6. The blade will now be dropped into the stripping position.
 - A. Lower the blade by turning the blade knob clockwise exactly 2-3 turns. The blade knob has an indicator mark to assist in this blade adjustment.
 - B. With the tool butted up against the stop clamp, apply downward pressure on the blade into the cable with the thumb knob. Rotate the tool to engage the blade and turn the tool 1 or 2 revolutions to remove a 90 mil thick chip of insulation. (Fig.2)

(continued)



Fig 1: Step 4 - Clamp and tool secured and positioned on cable.

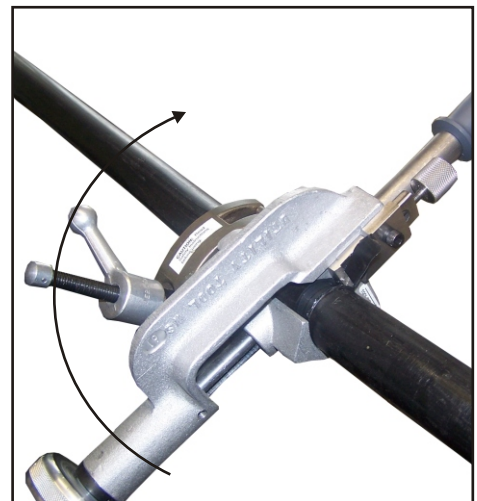


Fig 2: Step 6 - Cut channel to conductor in small segments.

WS61-B Instruction Sheet

7. Repeat steps 6A and 6B to create a channel, always observing the cable. Only remove small segments of insulation at a time by dropping the blade depth only 2-3 knob revolutions. Once the conductor is exposed, you have reached the appropriate blade depth. (Fig. 3)
8. Re-position the stop clamp for the desired length of insulation removal.
9. Rotate the tool and remove the full insulation chip (Fig.4). Rotate the tool 1 turn while it bears against the stop clamp and the insulation chip will break off. (Fig.5)
10. Remove the tool and stop clamp. (Fig.6)

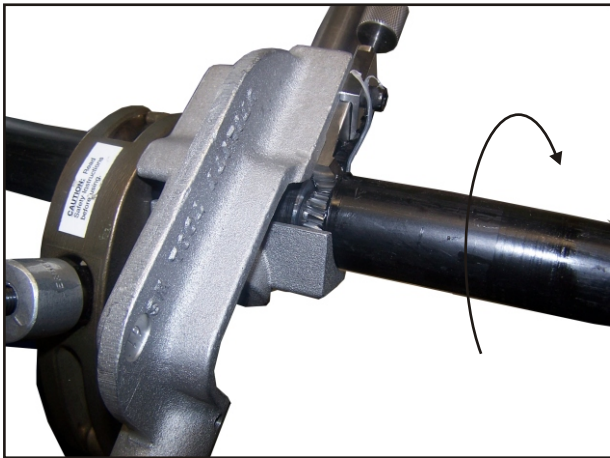


Fig 3: Step 7 - Conductor is exposed on last channel cut.

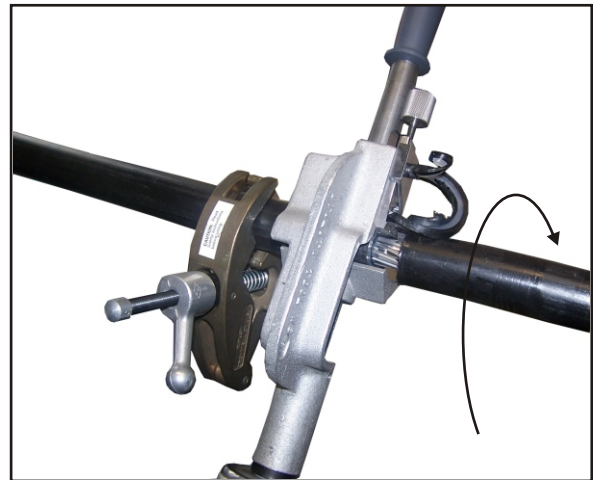


Fig 4: Step 9 - Full insulation chip being removed.

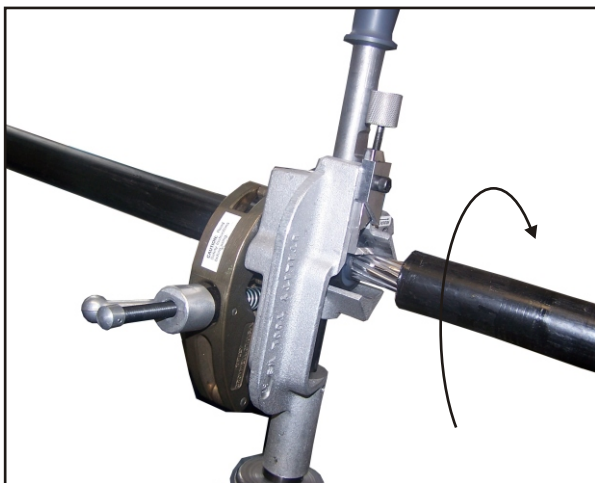


Fig 5: Step 9 - Insulation chip broken off. Strip is complete.



Fig 6: Step 10 - Completed strip.

Replacement Blade: CB 286 p/n 43599

WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



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