

Midspan Stripper 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. Please read and understand instructions before using this tool

Note: This tool has been specifically designed to remove polyethylene covering on 25 to 46 kV Aerial Cable for End Stripping or Mid-span Stripping applications.



FEATURES AND BENEFITS

- Operates on all Tree Wire and Spacer Cable
- Separate tool required for each cable size
- Designed for manual operation
- Preset blade settings
- Strips to any length

Operating Instructions for Mid Span Stripping

Step 1. Check blade settings. (Fig.1) Before operating the tool and stripping cable, check that the channel blade (A) is fully retracted outside the bore of the tool. The stripping blade (B) should also be clear of the tool bore. The stripping blade handle (C) should be in the forward position as shown

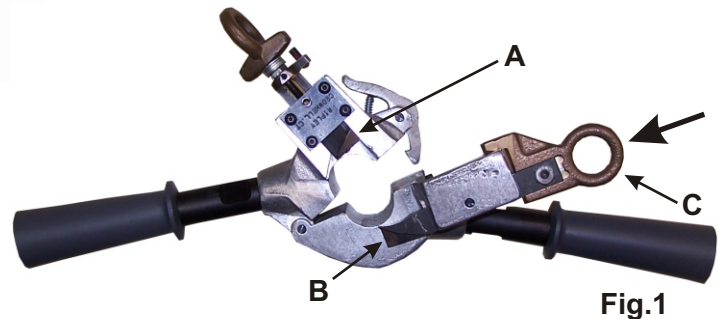


Fig.1

Step 2. Secure tool on cable. (Fig.2) Disengage latch, open tool, and secure tool on cable. Ensure latch is snapped closed

WSPK10 tools

Note: The plastic handles are not insulated against electrical shock on energized circuits. Maintain proper phase to phase clearance from the tool handles. Always use industry approved rubber insulated gloves when using this tool.

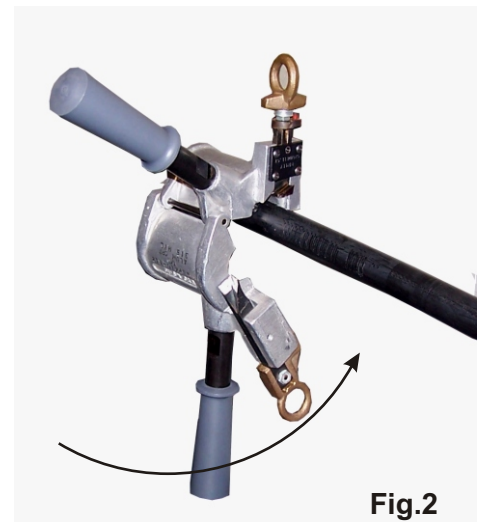


Fig.2

Figure 3. Tool on cable ready for two step stripping operation



Fig.3



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Step 3. Make channel cut to conductor. (Fig. 4) A channel in the covering down to the conductor must first be made. Turn the bronze ring (D) exactly two counter-clockwise turns. This will lower the channel blade (A) about 1/16" (1.59mm). Rotate the tool CCW around the cable. A thin chip of shaved covering will be removed. Continue the above process of removing thin layers of covering. Do not make overly aggressive cuts with the channel blade. The blade can be damaged by an insulation chip that is too thick. Continue until set screw (F) hits the tool body casting. This is a factory setting, but small adjustments can be made in the field, if necessary. The conductor should be exposed when set screw F hits the tool body casting. With the channel cut down to the conductor as in (Fig. 5), retract the channel blade (A) completely out of the bore of the tool.

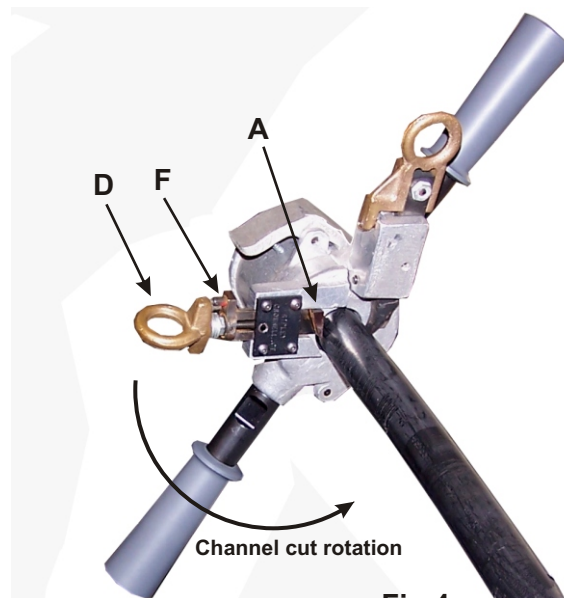


Fig.4

Step 4. Strip insulation off. (Fig. 5) The stripping blade (B) will now be placed in position for mid span stripping. Pull the stripping blade handle (C) back and observe that the stripping blade drops in position just above the conductor. This blade position is factory set, but small adjustments can be made to ensure the blade depth is precise. Rotate the tool in a clockwise direction to begin the stripping operation. It may be necessary to hold the blade down in position with the blade handle C on the first 1/2 rotation.

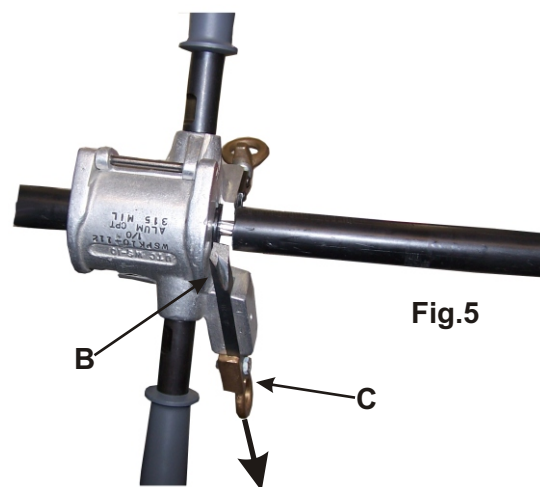


Fig.5

(Fig. 6) Once the blade engages the insulation, continue rotating the tool until the desired length of exposed conductor has been reached and remove the tool. **For a controlled strip length, we recommend a cable clamp is used to stop the forward motion of the tool.**

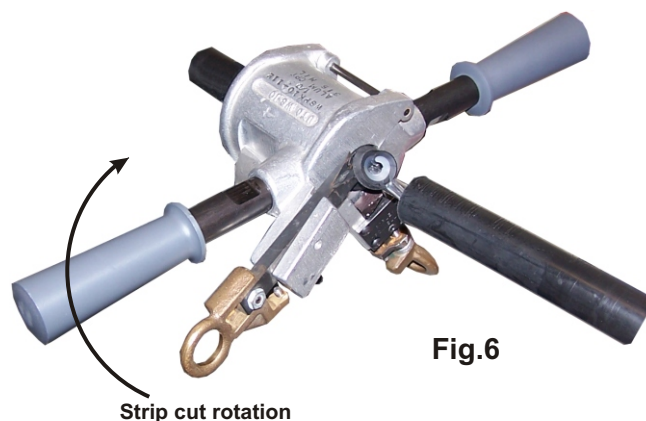


Fig.6

Ordering Information

Models			Cable O.D.		Covering Thickness	Replacement Blade
Plastic Handles	3/4" (19mm) Rings	2 1/2" (64mm) Rings	(inch)	(mm)	(mils)	
WSPK 10	WSRK 10	WSBK 10	1.30 to 2.00	33.02 to 50.80	>200	CB 8-2B CB 162

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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