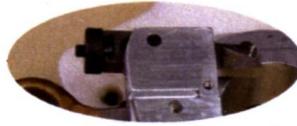


# RMS

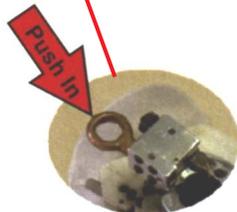
## Remote Mid Span Stripper Instructions for 25 & 35KV

**Warning!** 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.

**BEFORE USING THIS TOOL BECOME FAMILIAR WITH ALL OF THIS TOOLS COMPONENTS AND FEATURES**



Adjustment wheel to move blade closer or away from cable center.



Back Position



Forward Position

The duel blade setting ring must be in the forward position before and during the first stripping operation

MAX DRILL SPEED  
450 RPM

DO NOT USE IMPACT OR  
HAMMER DRILL

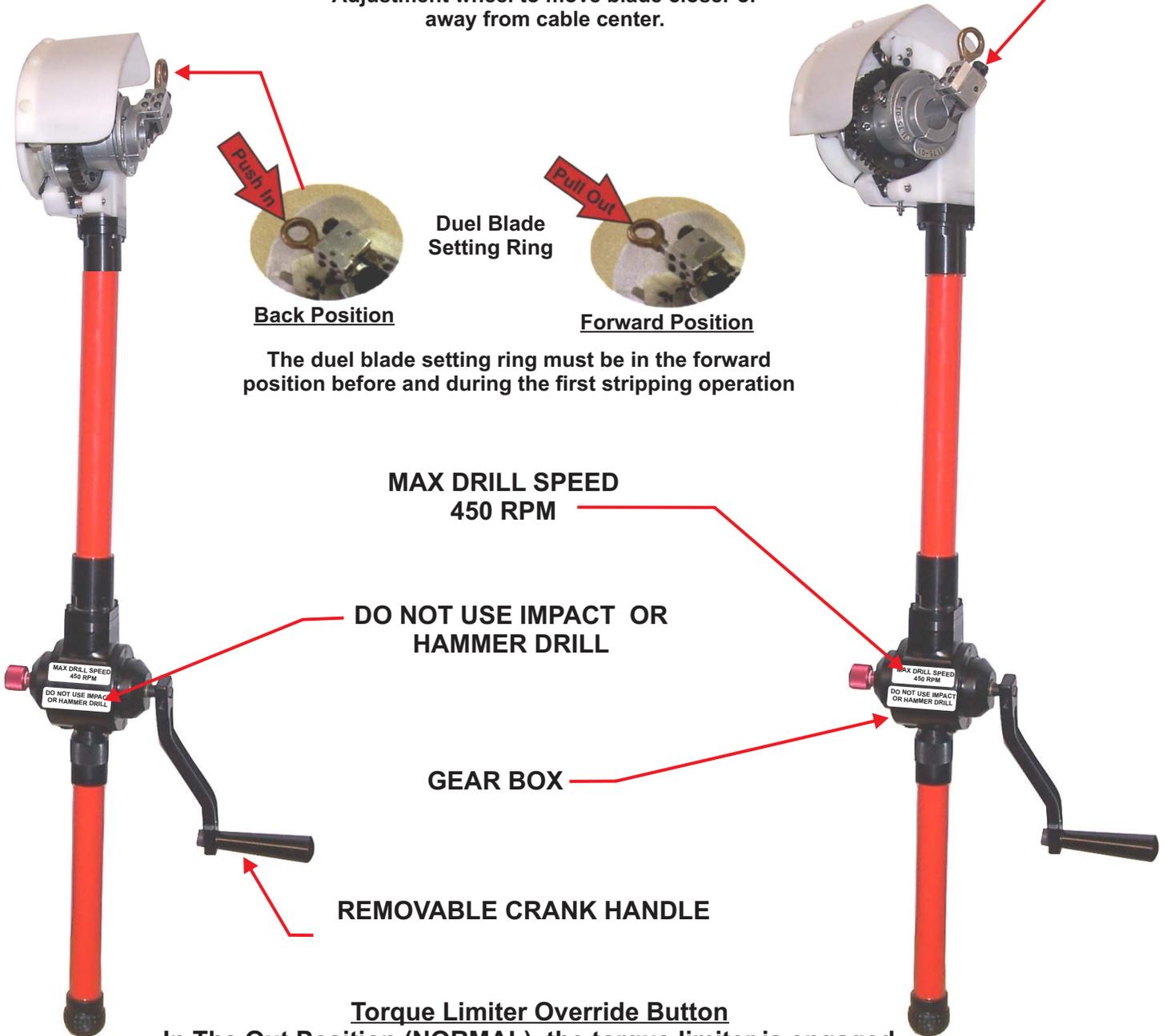
GEAR BOX

REMOVABLE CRANK HANDLE

Torque Limiter Override Button

In The Out Position (NORMAL), the torque limiter is engaged and will not put excessive pressure on the tool while opening it. Pushing and holding the button disengages the limiter.

**THIS FEATURE SHOULD ONLY BE USED WHEN THE LIMITER IS PREVENTING THE TOOL FROM OPENING.**



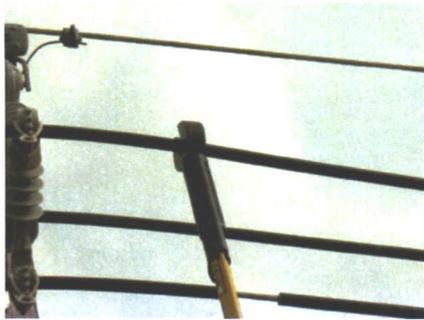
# RMS

## Remote Mid-Span Stripper Instructions For 25 & 35 KV Covered Conductor

STEP # 1. Before using the tool become familiar with all the tools operating features. Inspect the tool for any damage to the tool head, gearbox and insulated hot stick. If the hot stick is dirty clean it with an appropriate cleaner before using.



STEP # 2. Before proceeding, check that the Torque Limiter Override Button is in the "Out" position. Begin by turning the handle Counter Clockwise. This will cause the head to open. When the head is fully open, a loud audible clicking sound will be heard. This is an indication that the tool clutch is operating properly. Turn the handle clockwise until the tool is fully closed and latched, a single audible click will be the indication of proper latching. This operation should be smooth without any binding or grinding of the gears.



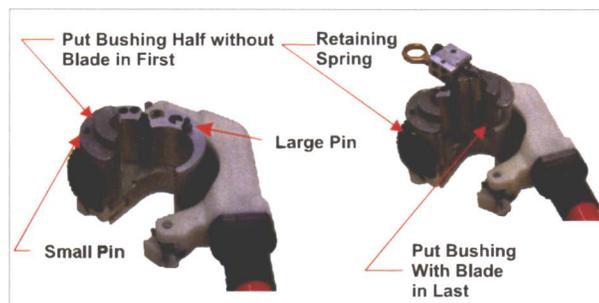
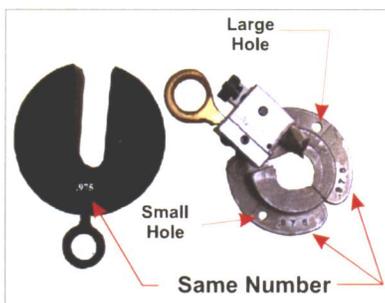
This gage shows correct bushing being used. Cable goes to middle of gage.



Gages Show The Wrong Bushing  
**DO NOT USE**



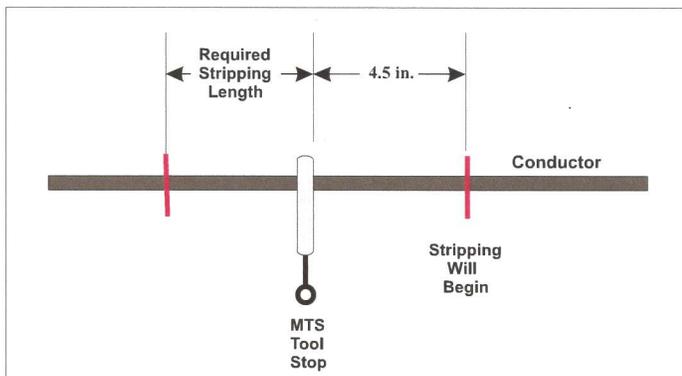
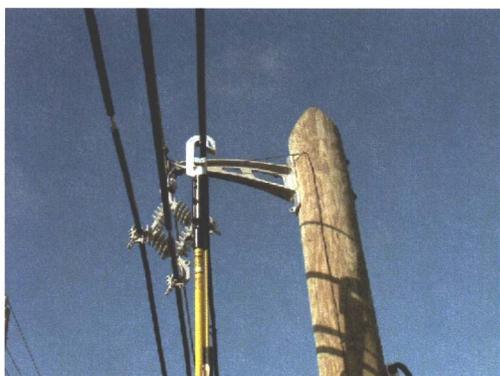
STEP # 3. Determine the bushing needed by using the cable gage and a grip all stick (shotgun). Push the gage on the cable. The cable should go half way down the gage as shown above. If the cable will not go into the gage, the bushing is undersized and should not be used. If the cable drops fully into the gage, the bushing is oversized and should not be used.



STEP # 4. Choose the bushing with the number that matches the cable gage number that indicated the cable size in the previous step. Insert the bushing into the tool head by pushing the retaining spring in and sliding the bushing into the bushing holder. The bushings will only go in one way because they have different diameter holes that fit on different size pins. Slide the bushing half without the blade into the tool first. Then repeat the operation for the bushing half with the blade.

# RMS

## Remote Mid Span Stripper For 25 & 35 KV Covered Conductors



**STEP # 5.** Using a grip all stick (shotgun), place the MTS (Mid-Span Tool Stop) on the cable to be stripped approximately 4.5 inches to the left of where you want the stripping to begin. Make sure there is enough space to the left of the tool stop to accommodate the desired strip length. Leave the shotgun attached to the MTS Tool Stop, this will prevent the wire from twisting and possible burn down.



**STEP # 6.** Before the tool is placed on the conductor make sure the blade set ring is pushed all the way in. Turn the handle counter clockwise to open the tool, placing the tool on the conductor against the tool stop. While pushing the tool up slightly, seat the cable in the lower half of the jaw. Begin turning the handle clockwise closing the bushing around the cable until it is fully closed, an audible click will be heard.

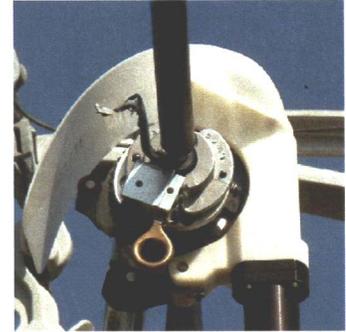
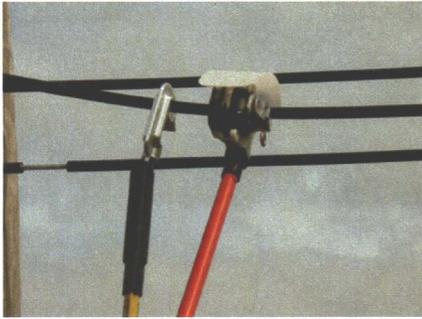


**SHORT-CUTTING THE TWO STEP OPERATION WILL RESULT IN DAMAGE TO THE TOOL. THE MID-SPAN PART OF THE BLADE IS NOT DESIGNED FOR 25 & 35 KV INSULATION REMOVAL IN ONE STEP.**

**STEP # 7.** Begin by turning the handle clockwise. This will start the mid-span stripping operation. Continue turning the handle until the head makes one complete revolution and the blade ring is on the bottom of the tool head. This is an indication that half of the insulation thickness is removed, leaving a channel cut. Using the disconnect stick, place the probe in the eye of the blade position ring and pull it out. This will set the blade to the deeper blade position. Continue turning the handle clockwise for another complete revolution or until the insulation chip falls off.

# RMS

## Remote Mid Span Stripper For 25 & 35 KV Covered Conductors

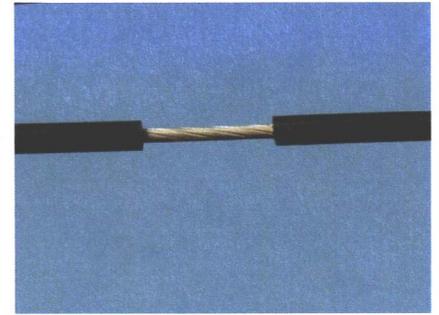
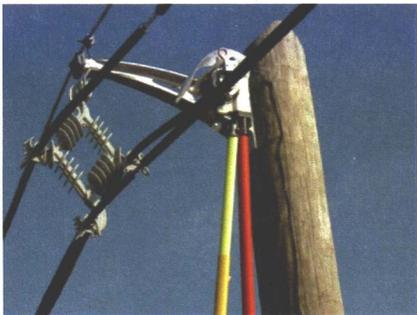


**STEP # 8.** Using the shotgun, move the MTS Tool Stop to the left of the tool head the distance that you want the strip length to be. Put slight pressure against the tool in the direction of the clamp and begin turning the handle clockwise until the blade begins to strip the insulation.



**STEP # 9** When a smooth stripping action is created for 1 to 1-1/2 revolutions you can now remove the tool handle and replace it with a drill (**DO NOT USE AN IMPACT DRILL**). While using the drill do not fight the tool movement, let the tool follow the cable. The tool will not always be 90 degrees from the line because it will follow the cable sag. Continue stripping the cable until the forward motion stops and the chip falls off. Continue turning the bushing until the blade position ring is approximately at one o'clock, a clicking sound will be heard. Remove the drill and replace the handle.

**THIS TOOL HAS BEEN DESIGNED FOR INTERMITTENT OPERATION WITH A BATTERY DRILL SET IN IT'S LOW RANGE (NOT TO EXCEED 450 RPM's) - NEVER USE AN IMPACT OR HAMMER TYPE DRILL**



**STEP # 10.** Turn the handle counter clockwise to open the tool from the line. Using a grip all stick, remove the MTS Tool Stop from the line. This concludes the stripping operation.

**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.



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](mailto:info@ripley-tools.com)  
Internet: [WWW.ripley-tools.com](http://WWW.ripley-tools.com)