



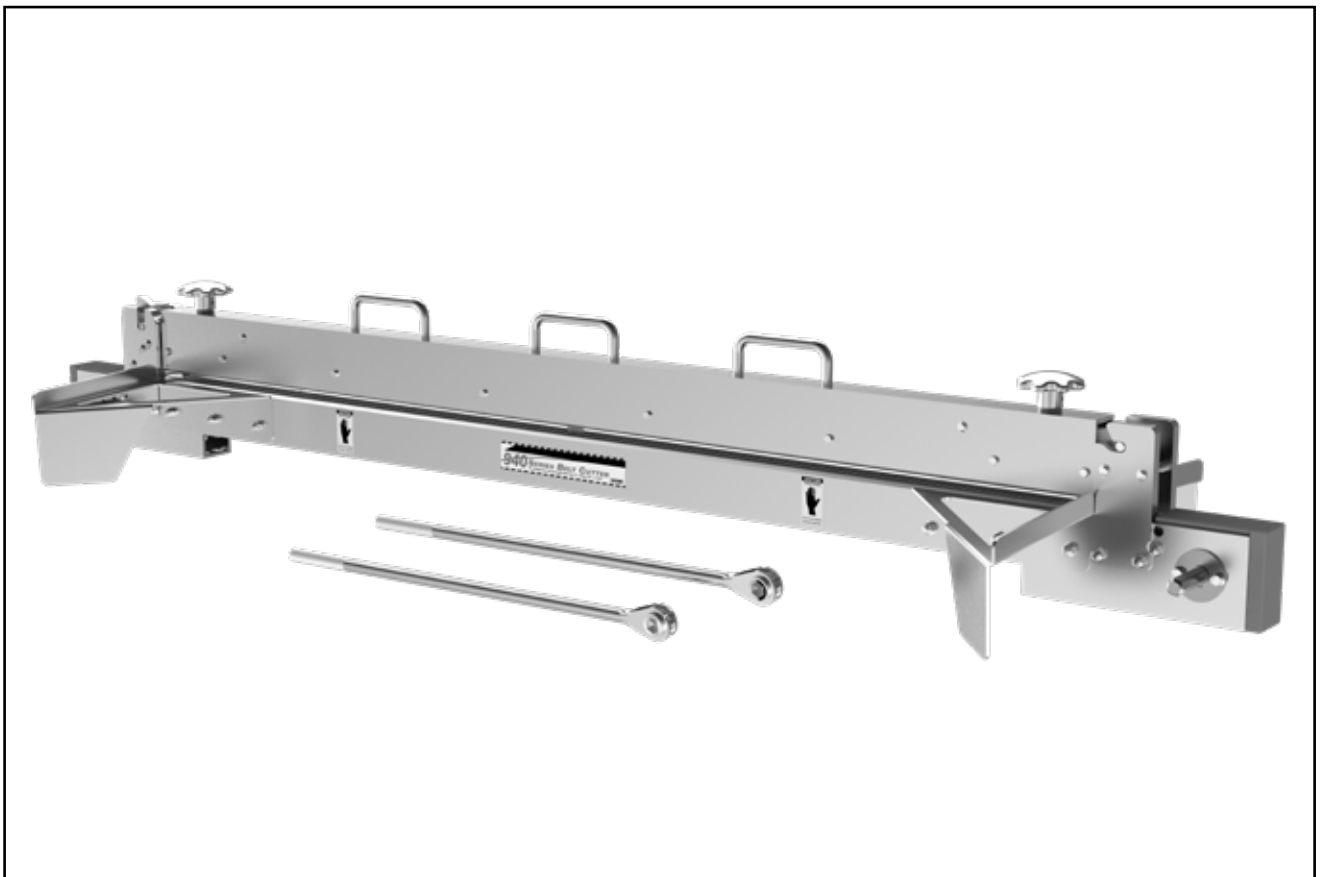
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# 940 Belt Cutter



## Safety, Operation, and Maintenance Manual

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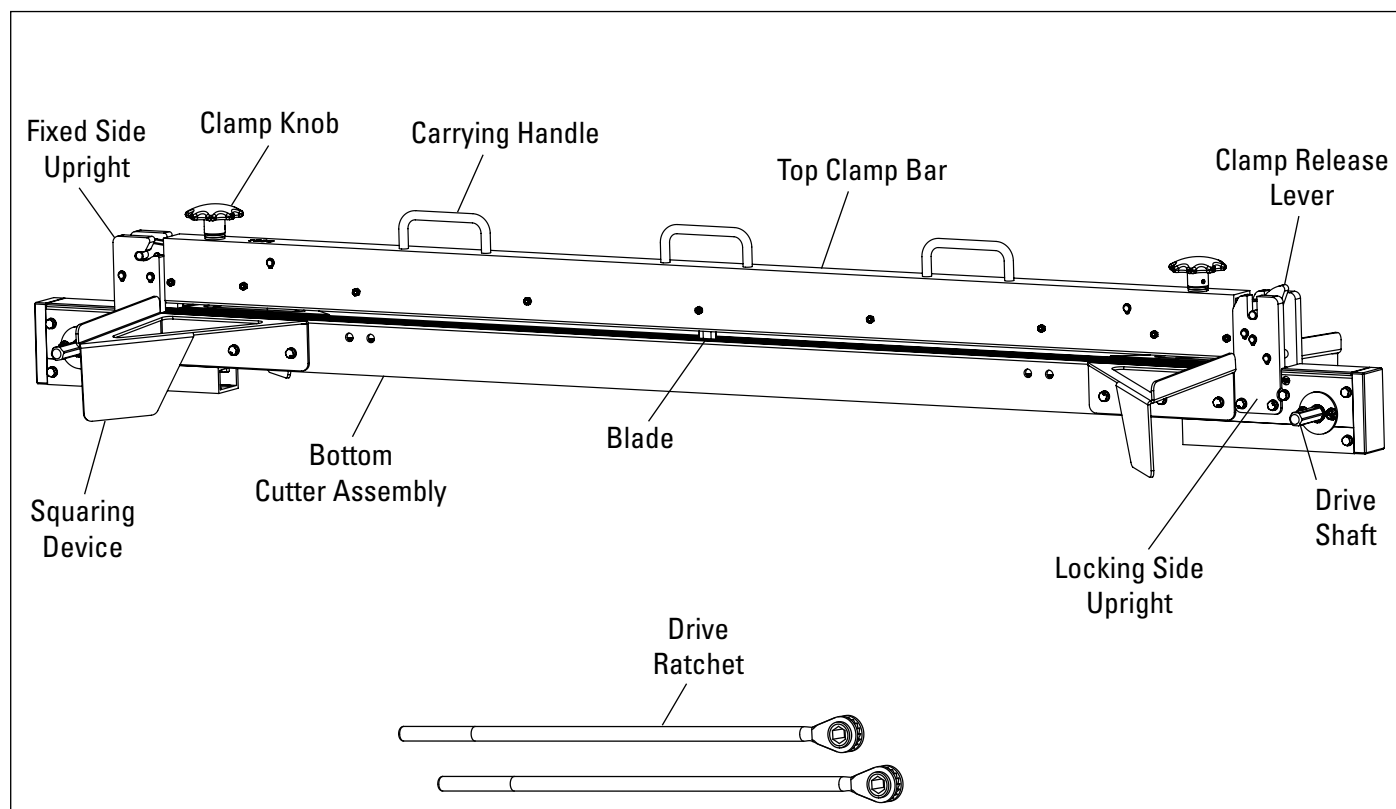
### **WARNING**

Improper use of this tool can result in serious bodily injury! This manual contains important information about product function and safety. Please read and understand this manual BEFORE operating the tool. Please keep this manual available for other users and owners before they use the tool. This manual should be stored in a safe place.

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## System Components

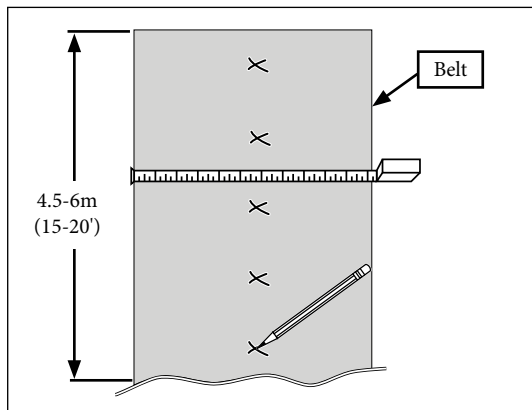


## 940 Belt Cutter

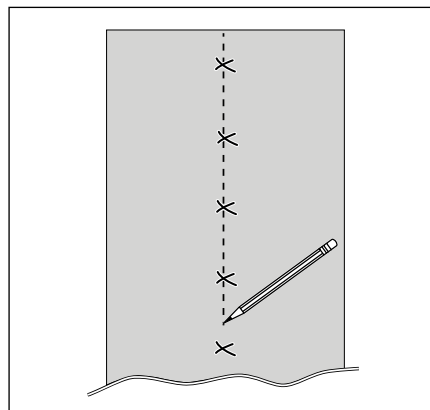
### **WARNING**

Use caution when handling belt cutter blades. Prior to any work on conveyors, be sure that the power has been turned off and the belt is “locked out.” Follow other safety precautions outlined in the operator’s manual.

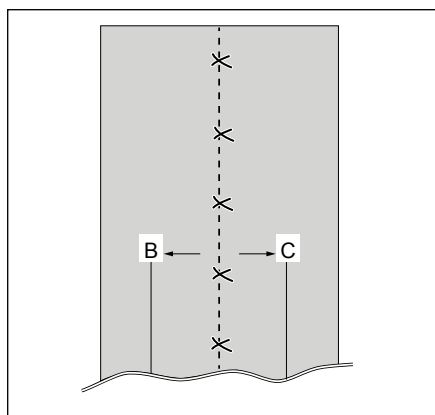
## Belt Preparation



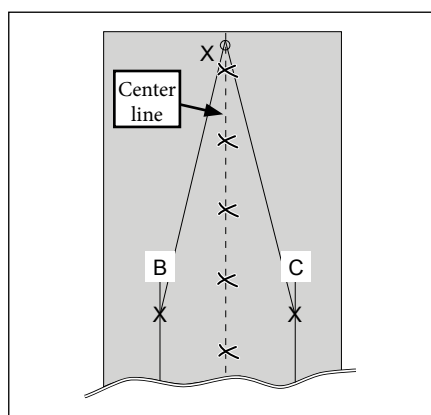
1. Mark the actual center points in belt width at intervals of 915-1525mm (3-5') for a distance back from the intended splice area of 4.5-6m (15-20').



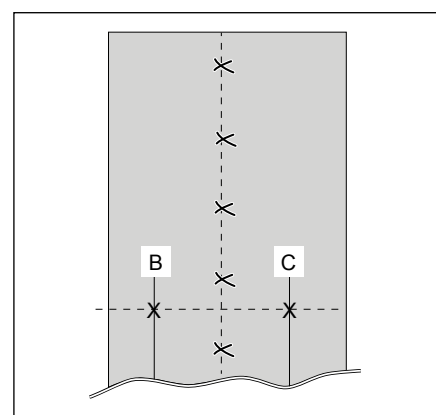
2. Cut belt at least 150mm (6") behind old splice. Using either a steel rule or a chalk line, mark the average center line through the measured points.



3. Mark two lines, “B” and “C”, equal distance from the center line in the area where you are going to install the splice, running parallel to the center line.

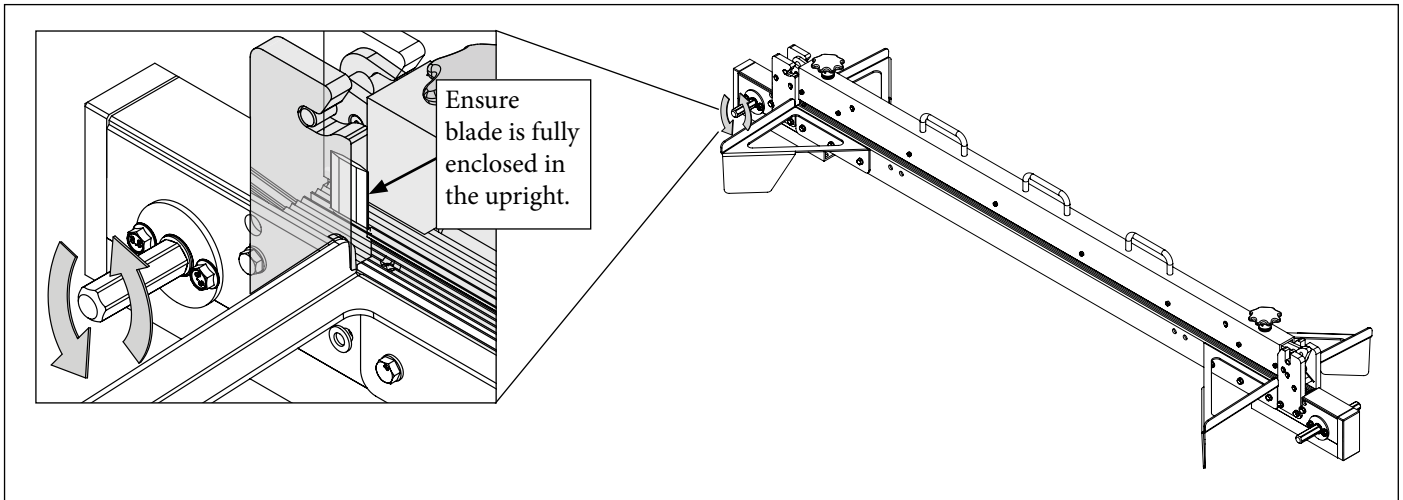


4. Measure back from the intended splice area a distance equal to approximately 3x the belt width and mark this point. Then measure equal distances to lines “B” and “C” at the intended splice area and mark these points.

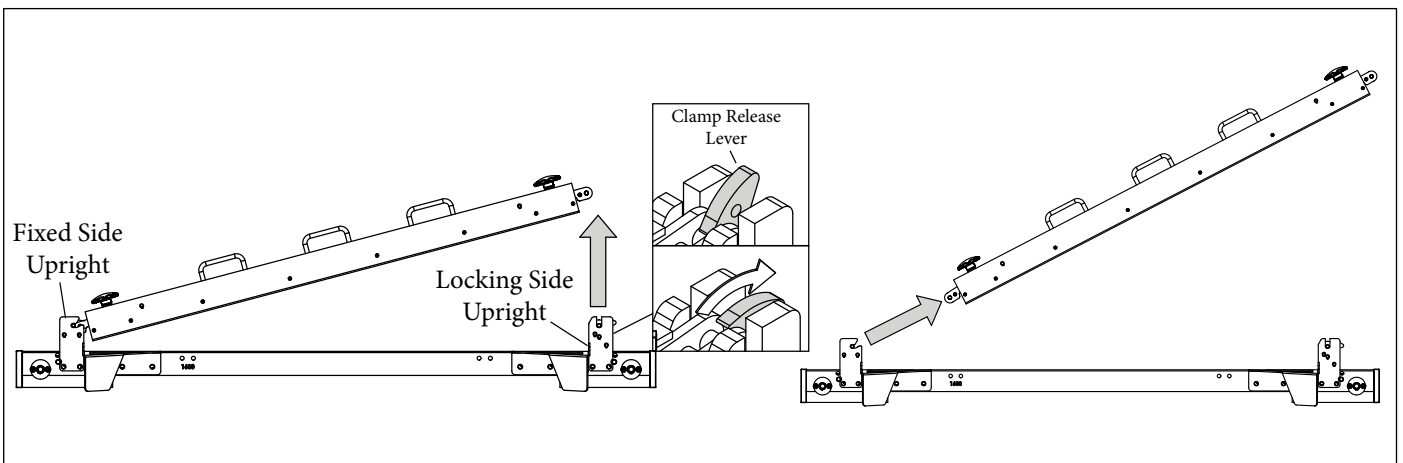


5. Align a steel rule through these points across full width of the belt. The resulting line is the true square.

# Operation

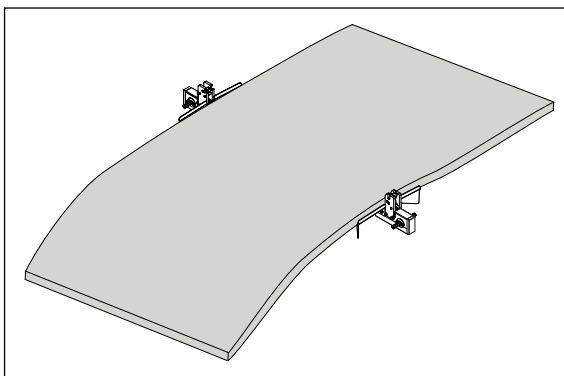


1. Use drive ratchet or advance the drive shaft by hand to move blade to end of cutter.



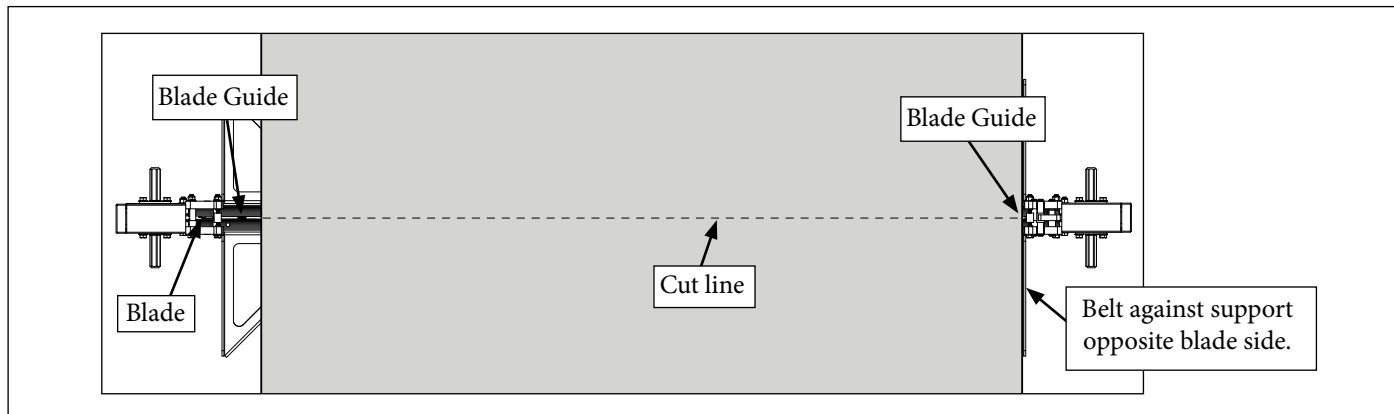
2. Push down the clamp release lever on locking side upright to remove top clamp bar. Pull top clamp bar up and then slide out of the fixed side upright.

**CAUTION:** Avoid contact with cutter blade if exposed.



3. Position bottom cutter assembly under belt.

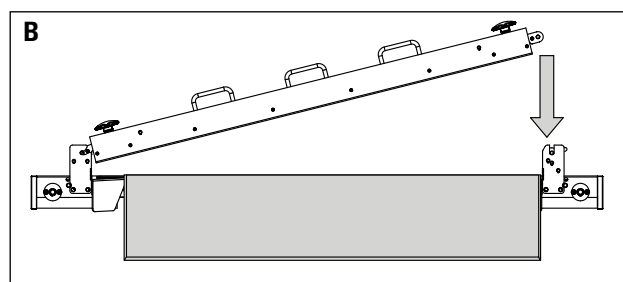
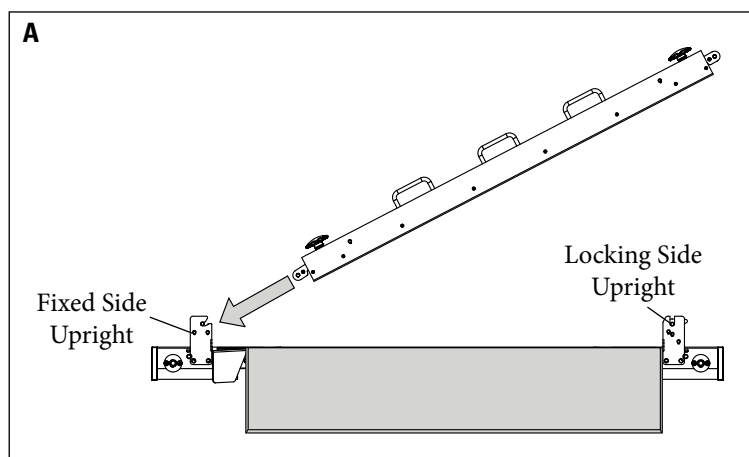
## Operation (continued)



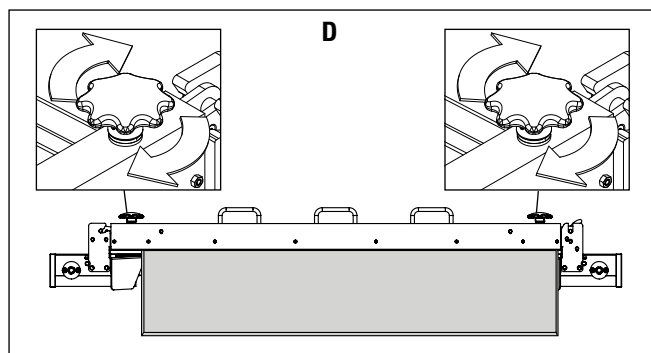
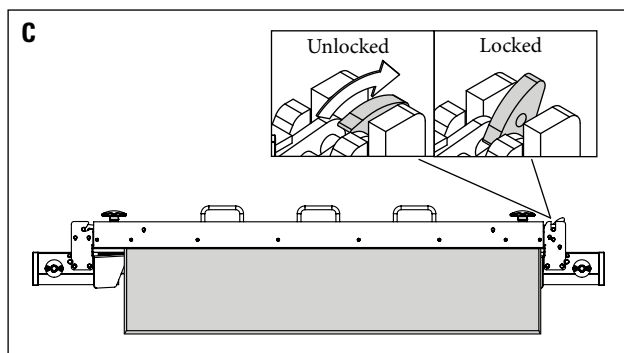
4. Position belt against belt support, opposite the blade side. Align marked cut line with the slotted blade guide on both ends of belt.

**CAUTION:** Do not strike drive shafts to move cutter into position.

**NOTE:** Belt supports are not to be used as a belt squaring guide.  
To improve cutting and blade life, spray blade with Flexco Silicone Lubricant.

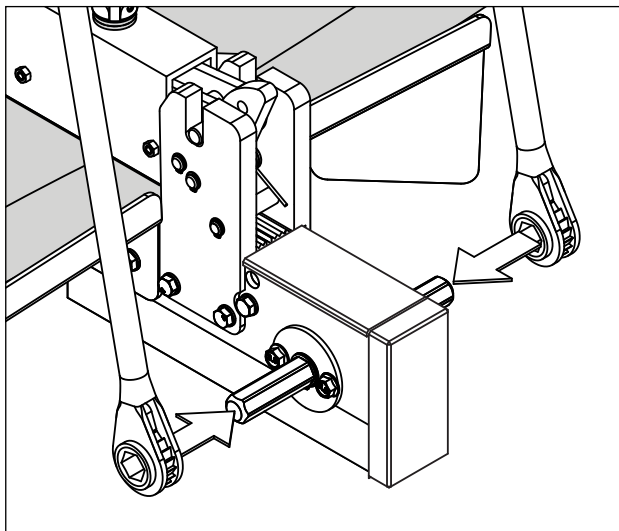


5. Reinstall top clamp bar (A and B) then tighten clamp knobs evenly until uniform tension is achieved across the full belt width (C and D).



**NOTE:** If clamp release lever won't lock in place, release pressure by turning both belt clamp knobs counterclockwise until the clamp release lever is locked. Retighten clamp knobs evenly until uniform tension is achieved across full belt width.

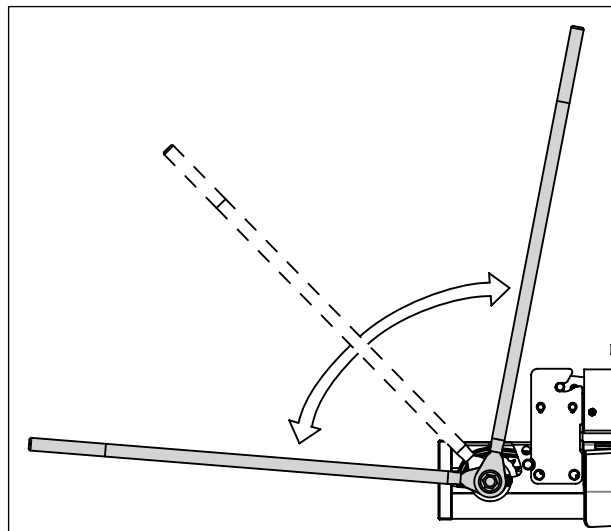
### Operation (continued)



6. Install drive ratchet on drive shaft, opposite blade side.

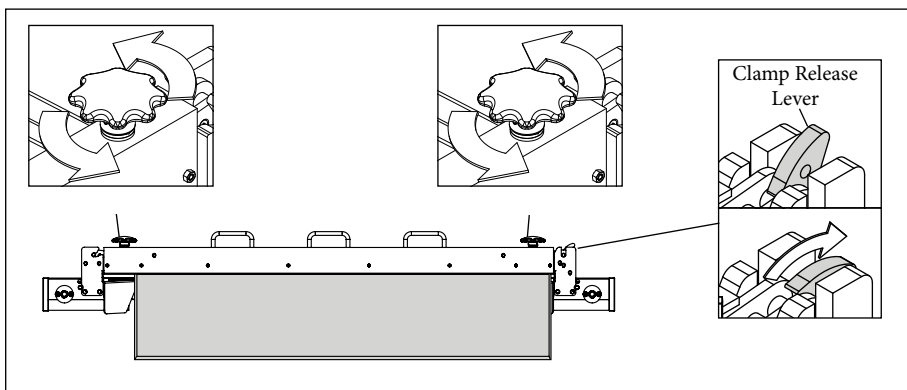
**NOTE:** Multiple drive ratchets may be used. Ensure that the blade is fully enclosed in the upright when completed.

**Optional:** Remove ratchets and hand turn the drive shaft to bring blade up to the belt.



7. Move drive ratchet back and forth in alternating motion to pull the blade through the belt until cut is complete.

**NOTE:** If drive shaft does not rotate at the beginning of the operation, then flip and use the opposite side of ratchet.



8. Loosen both belt clamp knobs to release tension. Push down the clamp release lever on locking side upright, then remove top belt clamp bar. (See step 3).

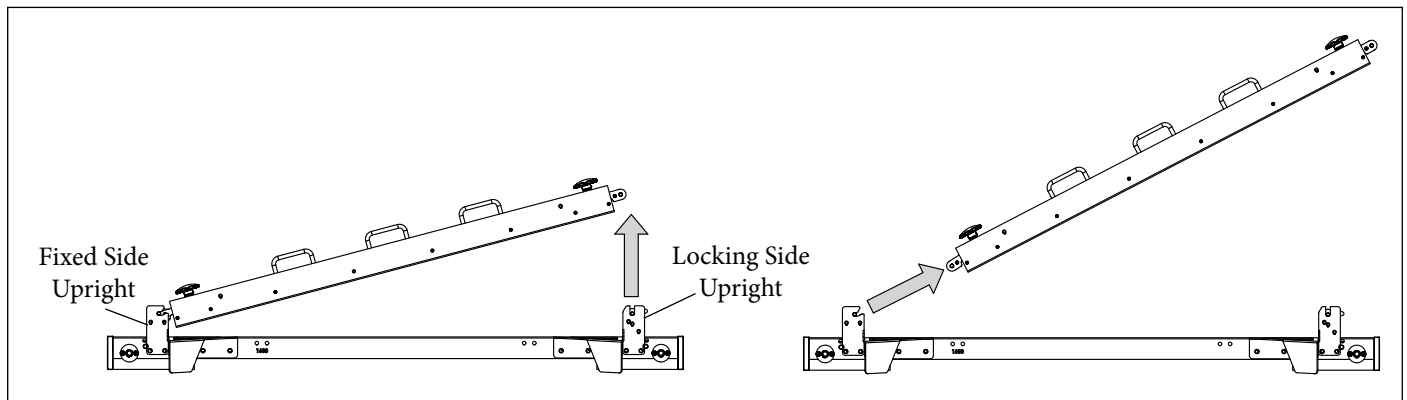
**CAUTION:** Avoid contact with blade if exposed.

9. Remove bottom cutter assembly from under the belt. Reassemble top clamp bar to bottom cutter assembly.

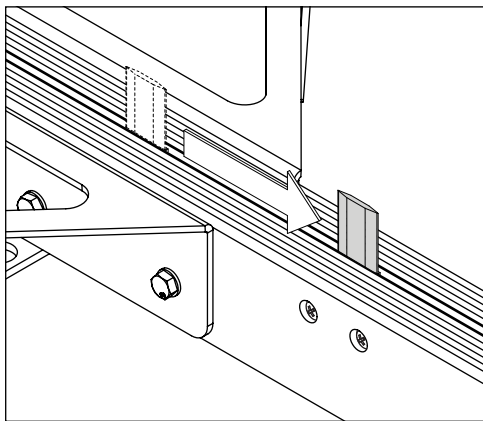
# Changing the Blade

### **WARNING**

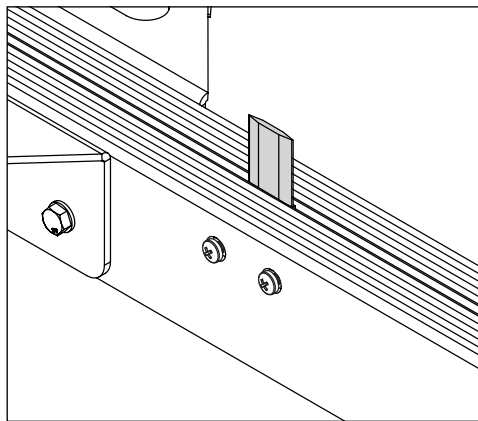
Use caution when changing belt cutter blades. Avoid contact with blade edges and sharp corners. Proper PPE is required. Prior to any work on conveyors, be sure that the power has been turned off and the belt is “locked out.” Follow other safety precautions outlined in the operator’s manual.



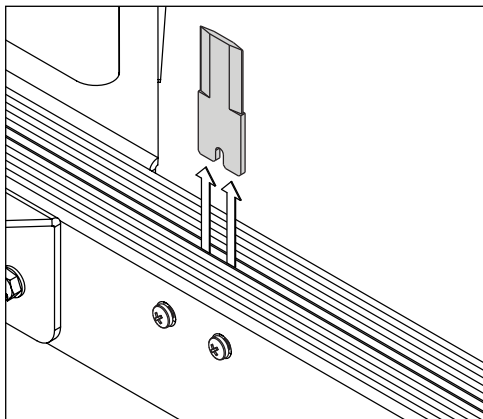
1. Remove clamp bar.



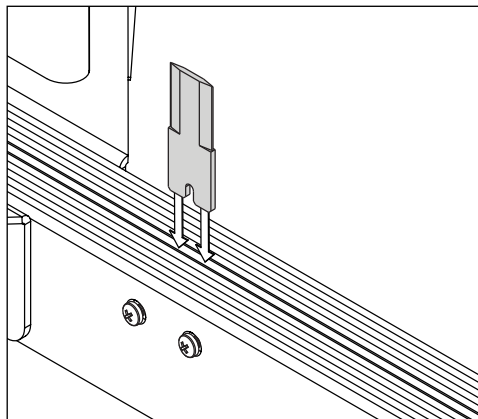
2. Advance blade to screw access openings.



3. Loosen screws with phillips screwdriver.

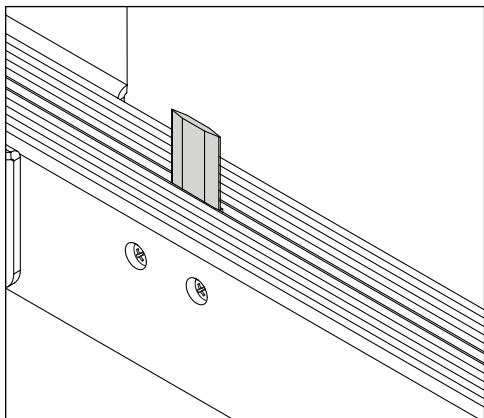


4. Remove blade.

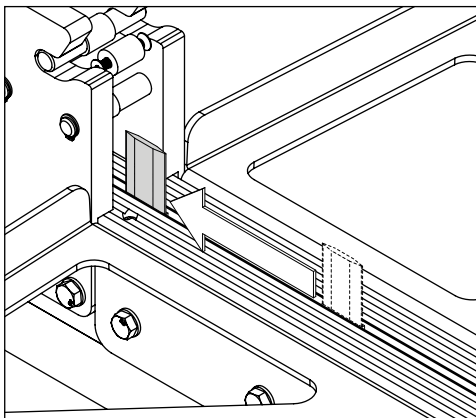


5. Insert new blade.

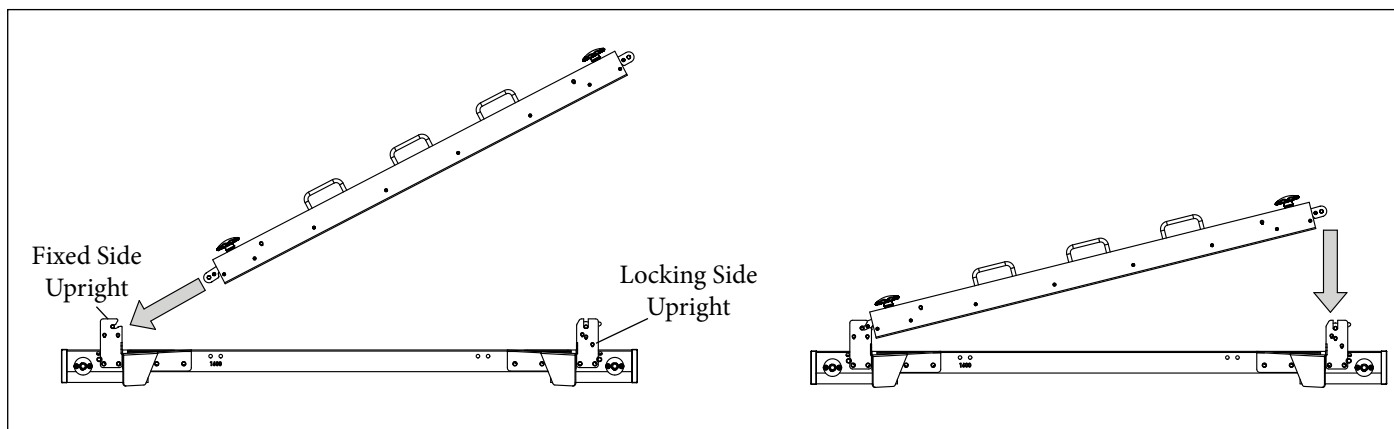
# Changing the Blade (continued)



6. Tighten screws.



7. Advance blade into nearest upright.



8. Reassemble top clamp bar to bottom cutter assembly.