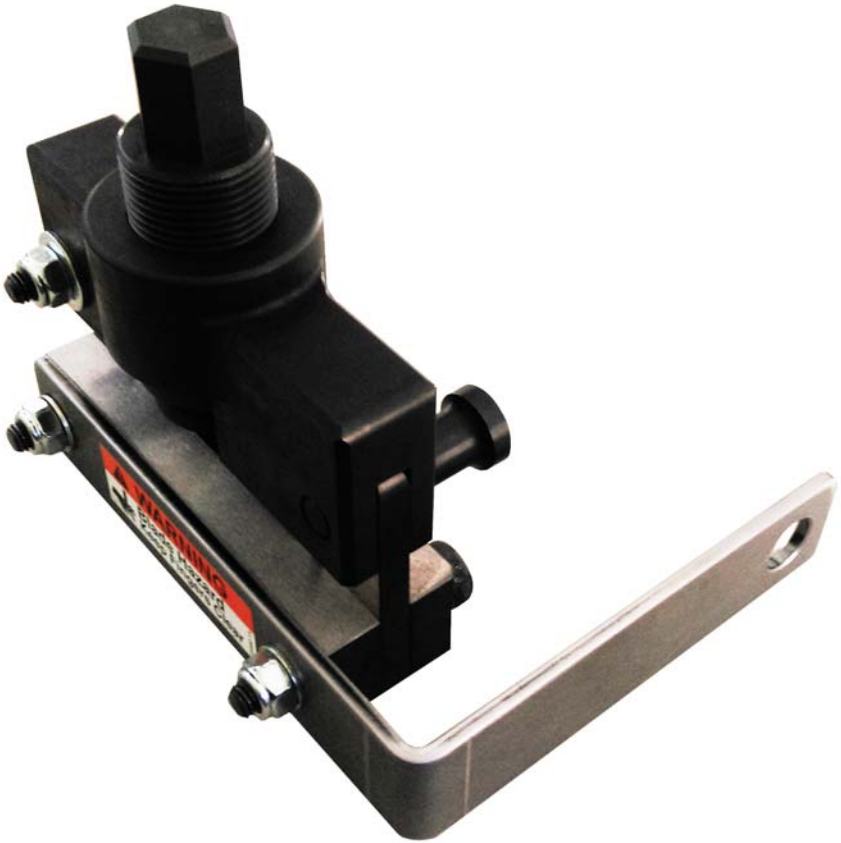
Operator's Manual for ProCut Belt Cutter (720905-1)



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WARNING

- **All persons** operating this belt cutter must read and completely understand this manual.
- Only authorized persons shall operate this belt cutter.
- Any operation in violation of these instructions is at the **operator's own risk** and **may result in serious injuries.**
- Use only spare parts from Spider®.
- It is the responsibility of the user to determine that this belt cutter is suitable to be used in conjunction with any other equipment.

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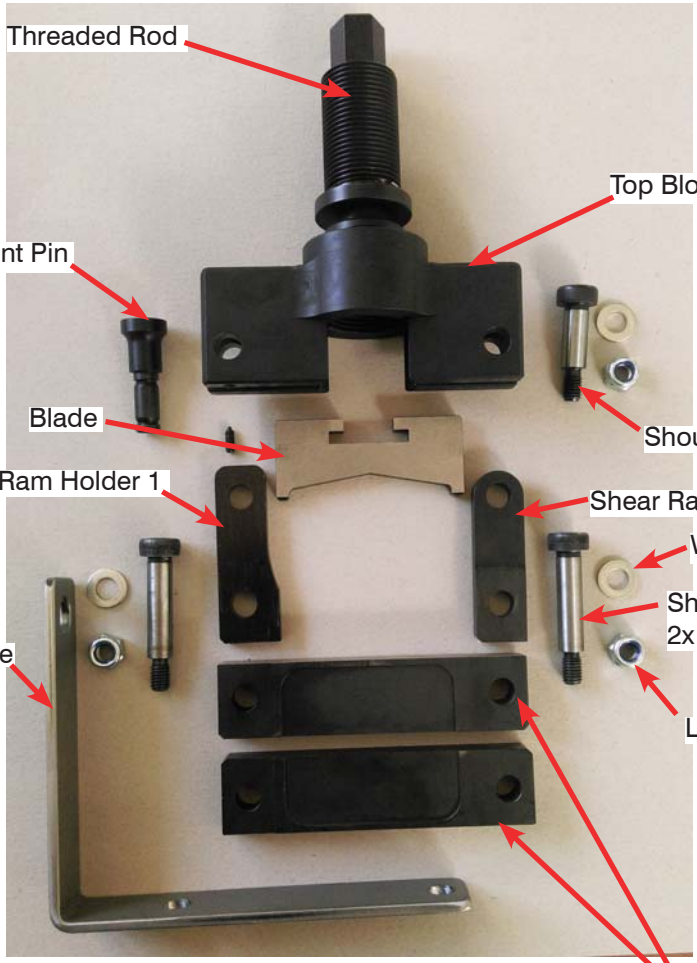
1. PARTS OF THE PROCUT BELT CUTTER



2. HOW TO USE THE PROCUT BELT CUTTER

Step 1:

Unscrew the threaded rod and draw the blade into the top block as far as it will go. Pull out the detent pin and open the belt cutter.

Step 2:

Place belt cutter jaws around elevator belt.

Step 3:

Close the jaws and push the detent pin through the holes in the top block and shear ram holder 2. Screw the threaded rod in so that it contacts belt.

Step 4:

With an impact wrench on the hex end of the threaded rod, drive the ProCut Belt Cutter blade through the elevator belt.

Step 5:

Remove off-cut and impact wrench.

3. SERVICING THE PROCUT BELT CUTTER

Disassembly

Step 1:

Unscrew the threaded rod and draw the blade into the top block as far as it will go. Pull out the detent pin and open the belt cutter.

Step 2:

Screw or drive threaded rod in just far enough to slide the blade sideways off the round end of the threaded rod.

Step 3:

Reverse the direction of the impact wrench or unscrew and fully remove the threaded rod.

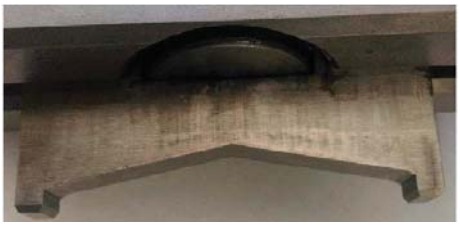
Step 4:

Remove bolts with 8 mm attachment or Allen. NOTE: Bolts do not need to be removed unless shear rams, shear ram holders, or handle need to be replaced.

Servicing

Step 1:

Every 100 or so cuts or when all wires are not cut cleanly, inspect the blade for worn or chipped edges and replace if necessary.

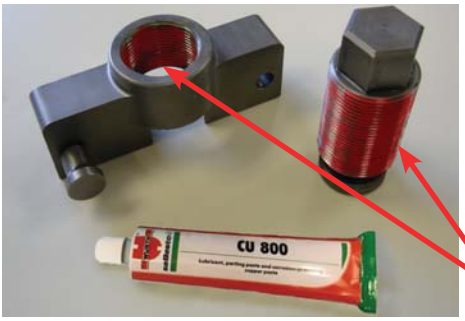


Step 2:

Every 100 or so cuts or when all wires are not cut cleanly, inspect the threaded rod and top block for thread damage and replace as necessary.

Step 3:

Apply Wurth CU 800 Copper Anti-Seize to the threads of the threaded rod and to the inside of threaded hole in the top block.

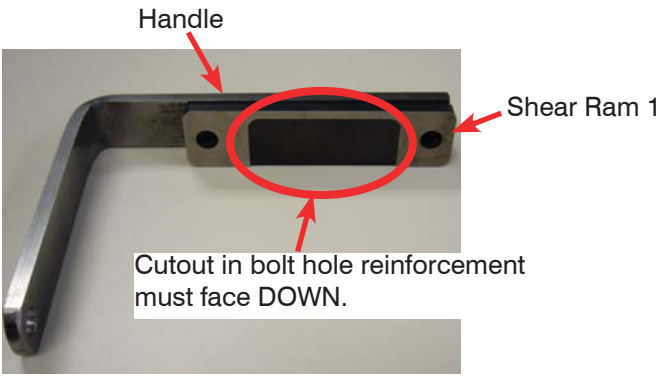


Apply copper anti-seize to rod and top block threads

Reassembly

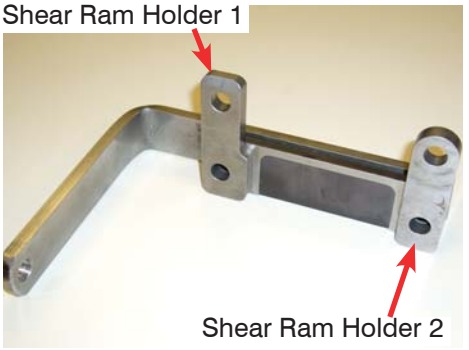
Step 1:

Orient shear ram 1 so that the cutout in the bolt hole reinforcement faces DOWN. This is important because it provides space for the belt during cutting. Place shear ram 1 so that its bolt holes line up with the bolt holes in the handle.



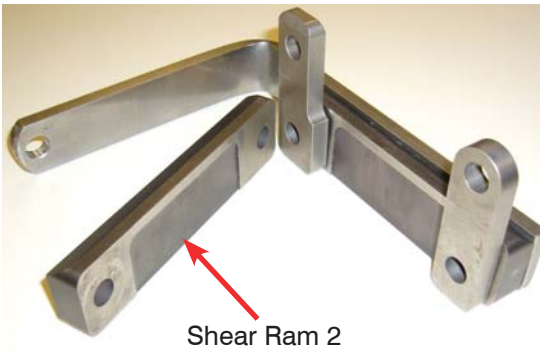
Step 2:

Align the lower bolt hole in shear ram holder 1 with the bolt hole *closest to the handle* in shear ram 1 (note that shear ram holder 1 does NOT have two sheer sides). Align the lower bolt hole in shear ram holder 2 with the other bolt hole in shear ram 1.



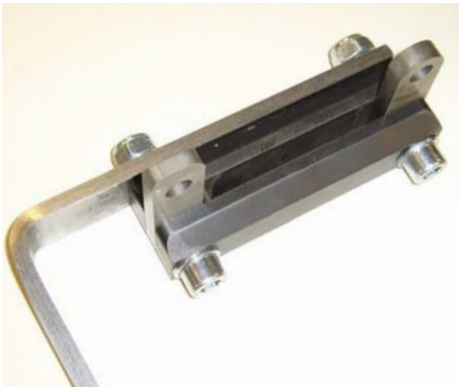
Step 3:

Orient shear ram 2 so that it mirrors shear ram 1, and also has the cutout for the bolt hole reinforcement facing DOWN.



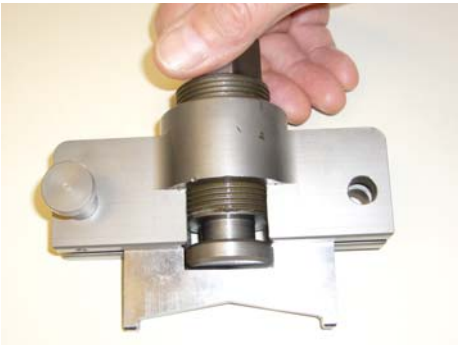
Step 4:

Install a washer on each of the two long bolts and insert bolts through shear ram 2, each shear ram holder, shear ram 1, and the handle. Secure with a second washer and locknut.



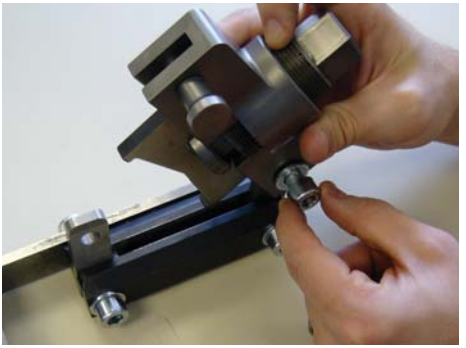
Step 5:

Screw or drive the threaded rod into the top block just far enough to slide the blade sideways onto the round end of the threaded rod. Once the blade is in place, back out the threaded rod enough to draw the blade up into the top block.



Step 6:

Install a washer on the short bolt and insert through the hole in the top block and shear ram holder 2. Secure with a second washer and locknut. Leave the bolt just loose enough to allow the top block to open.



Step 7:

Pull out the detent pin and slide the top block onto shear ram holder 1. Align the holes and push in the detent pin.