

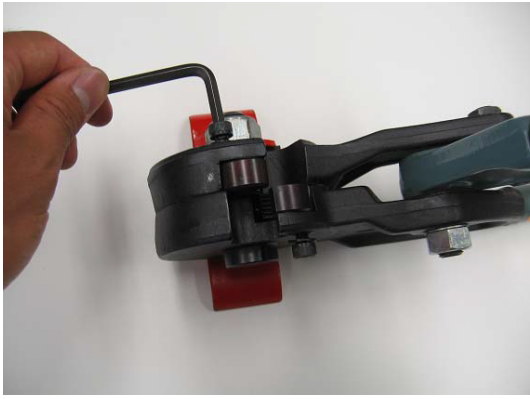
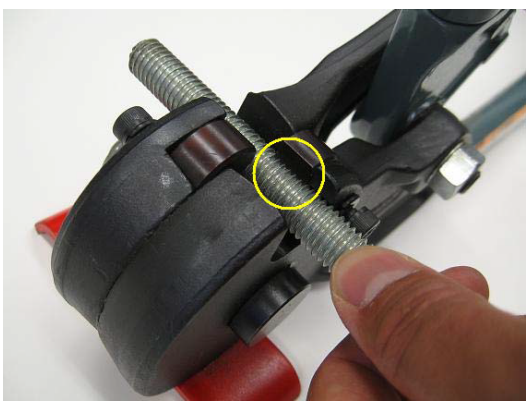

Document : MCC Threaded Rod Cutter Maintenance Manual

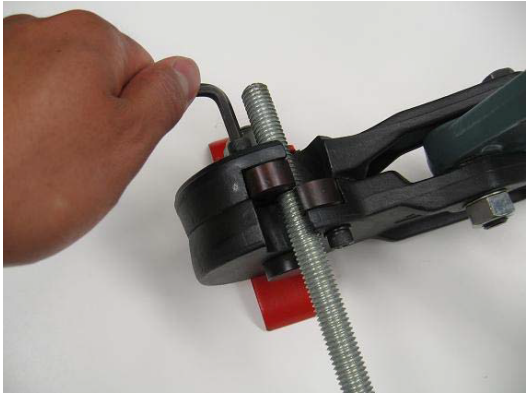

Updated Date: 08-28-09

Please refer to the parts breakdown shown on the last page of this document.

1. Blade Realignment



These steps are required when MCC Threaded Rod Cutter (hereinafter Cutter) does not cut clean generating burrs on edge of rod.

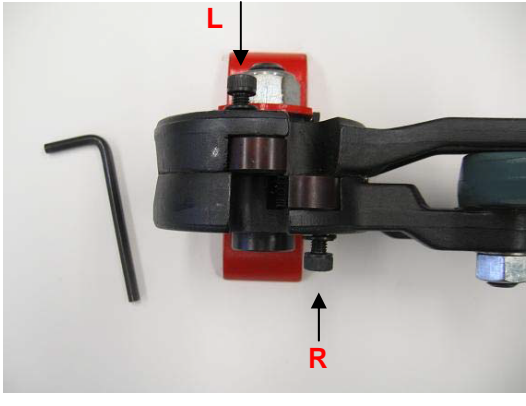
	<p>Step 1 Loosen two Bolts with Hex Hole #18 that secures the Jaw Blade #4(R & L) by Allen Wrench.</p>
	<p>Step 2 Place a piece of threaded rod by making sure that the thread seats in the grooves of Jaw Blade #4(R).</p>
	<p>Step 3 Lower the movable handle #11 until both Blades #4(R & L) are securely in contact with thread.</p>

	<p>Step 4 Tighten two Bolts with Hex Hole #18 by Allen Wrench.</p>
	<p>Step 5 Make sure that the Blade #4 (R & L), Frame #1, and Jaw Holder #2 are aligned.</p>

2. Blade Rotation



MCC Blade is Double Sided Dies Design that provides you with 2 times lifetime by rotating the blade after one side is damaged.

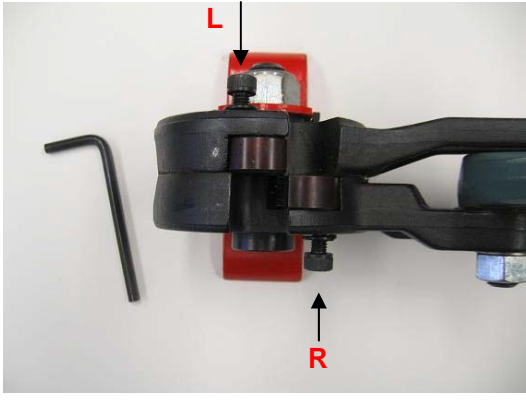
	<p>Step 1 When one side of the Die Blade is damaged, it is required to rotate the Blade #4 (R & L) at same time even if one of the Blade (either R or L) is not damaged. Left picture shows the damage of the Blade #4 (R)</p>
	<p>Step 2 The Blade #4 has R(Right) side and L(Left) side as shown in the left picture.</p>

	<p>Step 3</p> <p>Each Blade is attached to the designated side as left picture shows.</p> <p>Set the Blades with the unused side face to face.</p> <p>Do not tighten the two Bolts #18 yet.</p>
	<p>Follow "Cutting Blade Realignment" from the Step 2 in section 1</p>


3. Blade Replacement

After both sides of the Blade #4 are damaged, replacement is required.

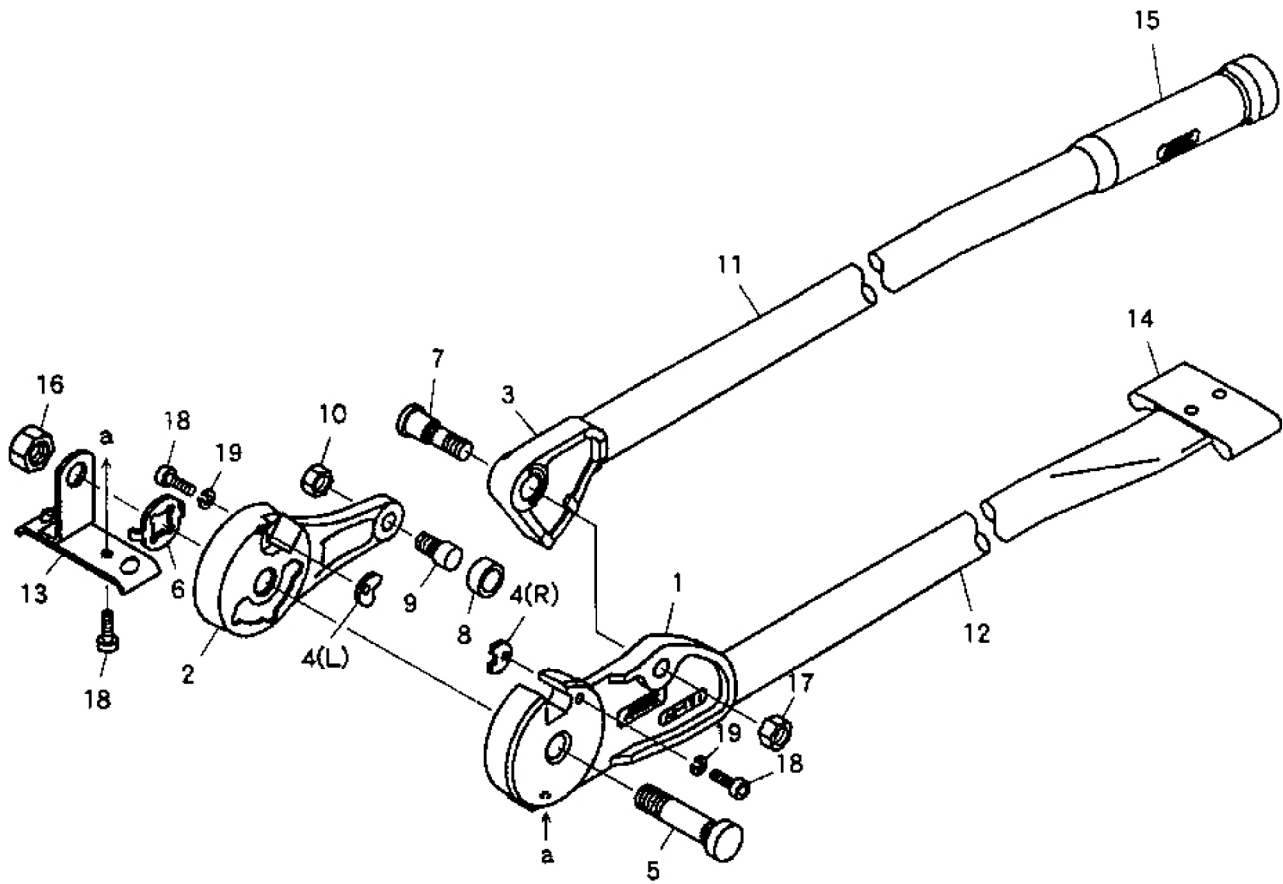
	<p>Step 1</p> <p>When both sides of the Die Blade are damaged as shown in the left picture, it is required to replace the Blade #4 (R & L) at same time even if one of the Blade (either R or L) is not damaged.</p>
	<p>Step 2</p> <p>The Blade #4 has R(Right) side and L(Left) side as shown in the left picture.</p>

	<p>Step 3</p> <p>Each Blade is attached to the designated side as the left picture is shown.</p> <p>When the replacement Blade is installed, set the emboss side of Blade face to face.</p>
	<p>Follow "Cutting Blade Realignment" from the Step 2 in section 1</p>

4. Other Maintenance Tips

	<p>While picking up the cutter by the Grip #15, the Base Handle #12 should not separate any further away from the Handle #12. The two handles should be tightly intact while in a closed state. If the two handles become loose, the U-Nut #16 is required for retightening.</p>
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THREADED ROD CUTTERS
 AB-3U, AB-4U



No.	Part Name
1	Frame
2	Jaw Holder
3	Handle
4	Jaw Blade (Right & Left)
5	Frame Bolt
6	Washer
7	Handle Bolt
8	Roller
9	Roller Bolt
10	Lock Nut (M11)
11	Pipe Handle
12	Base Handle
13	Base
14	Pedal
15	Grip (color:Red)
16	U-Nut
17	Spar Lock Nut
18	Bolt with Hex Hole
19	Spring Washer