

MCCUTTER, Inc.
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Correct Notching Blade Rotation

A common problem we see is that users set the drill motors to turn in the wrong direction. Our design has the blades cutting towards the cut-off (circular saw) blade. This serves to keep the notching blades from “grabbing” the MC cable as it is cut because they are “pushing” against the cut-off blade. Although turning, the cut-off blade helps to hold the cable in place. The left-side blade turns counter-clockwise as you look at it and the drill turns in the “forward” direction. The right-side blade turns clockwise as you look at it which is the “reverse” direction”. Refer to illustration 1. Note that the right-side notching blade uses a left-hand (LH) nut and arbor. The right-side arbor is also pinned to keep it from spinning off during operation.

Another problem we see is that the notching blades are installed backwards. Refer to illustrations 2, left-side and 3, right-side. The square parts of the blade teeth rotate toward the MC cable, not the angled parts. Also note that that the washers should all be the same thickness to allow for consistency of cuts after you change blades.

Yet another problem we have seen is that the trigger locks on one or both drills can pop “off” from rough handling. This is indicated by a lack of a notch from the affected drill(s) because the drill is not turning. We have seen hold-downs adjusted well out of range in order to compensate for this. We have even had machines sent back to us for this reason! Get used to the sound of a properly operating machine such as the “zinging” sound made by the notching blades and note when you don’t hear them. If you have trigger locks that tend to pop off, simply use a wire-tie to hold the trigger “on”.

Be sure to visit our website: www.mccutter.com

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Notching Blade Illustrations

illustration 1:

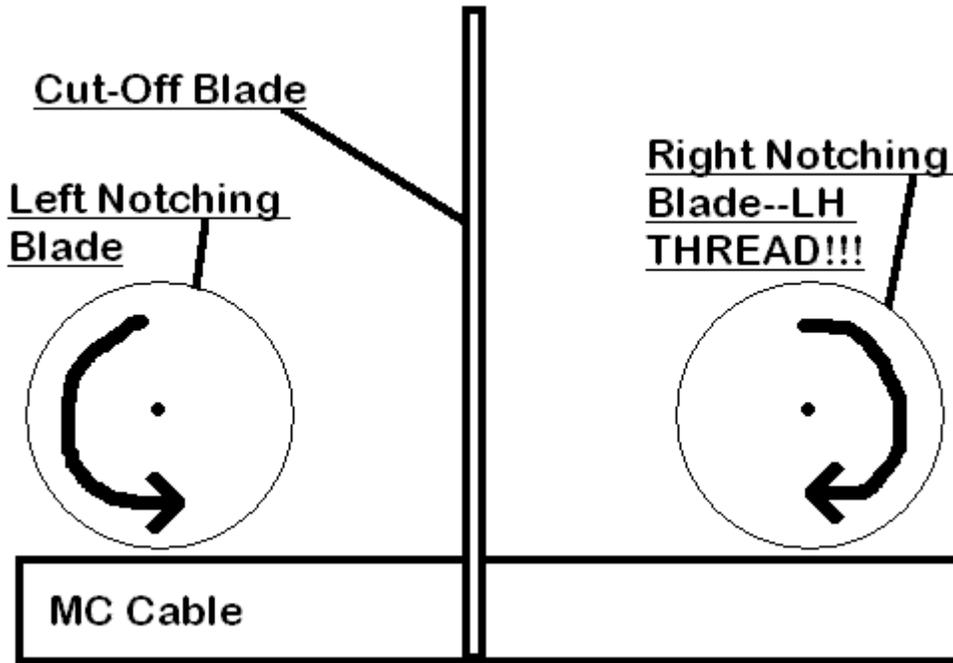


illustration 2:

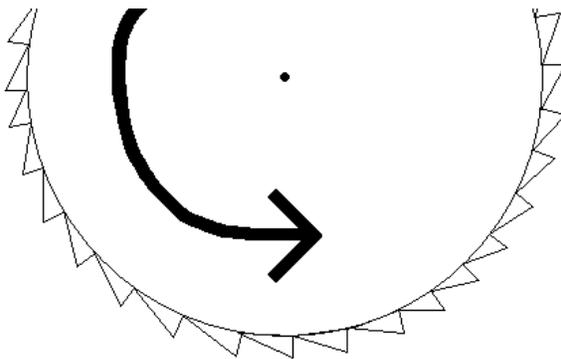


illustration 3:

