

Instructions for Resetting the Blades on a SnoWizard® Cutter

Setting of the blades is easier to perform when using a vise to hold the cutter. This allows one to use both hands to hold the blade gauge and screwdriver when setting the blades.

Spread a *very thin film* of grease on the cutter surface of each blade slot and the back side of each blade. **DO NOT OVERGREASE!** This will reduce or prevent oxidation from occurring between the blades and the cutter.

Place the cutter in a vise and position it so that one of the blade slots is in a horizontal position. Insert a blade into the slot and tighten the screws only until snug, just enough to lightly hold the blade in place. Place the blade gauge on the flat side of the cutter under the edge of the blade. Adjustments are made by tapping the blades in or out with the handle of the screwdriver. Make certain that the screwdriver has a wooden or plastic handle. Set the blade so that it extends over the edge of the blade gauge just enough for the edge to be felt by stroking your finger over the gauge in an upward movement. Check the setting for accuracy by stroking upward against the blade gauge and over the edge of the blade. Check the accuracy of the setting at the point where the screws hold the blade in place.



The finer the feel or the less that the edge of the blade can be felt, the more exact the blade setting will be. If the blade cannot be felt when stroking across the gauge with the finger, use the butt of the screwdriver to tap the blade out from the shaft side of the cutter until it can be barely felt when stroking the finger over the blade gauge. When the feel of the blade edge is the same on both ends of the blade, snug up on the screws. Check to see that the blade remains in position after tightening. Turn the cutter to the next slot and repeat the operation for the remaining two blades. When all three blades are set, remove the cutter from the vise and place it on a rubber mat or solid surface for final tightening. Turn the screws slowly with firm pressure until tight. Be careful not to strip the screw heads. Recheck the blade setting with the blade gauge.

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Insert a blade into the blade slot and hook the slot of the blade on the screw closest to the center of the cutter. **Swing the blade down into position and insert the 2nd screw and washer.**



Place the gauge under the edge of the blade. Extend the blade out until the edge can barely be felt when stroking a finger over the blade. Tighten the screws **only until snug**, just enough to lightly hold the blade in place.



Tap the blade out toward the gauge if the edge cannot be felt when stroking across the gauge.



Tap the blade in if too much of the blade edge can be felt. Be certain to use a wooden or plastic handle screwdriver.

