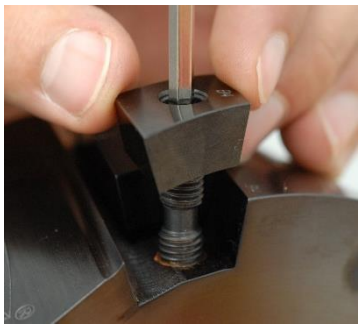
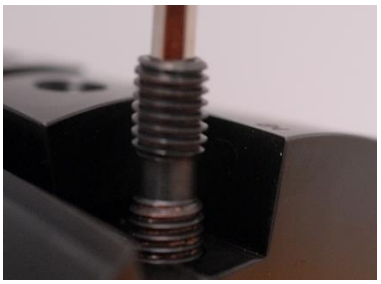
Great Lakes
Custom Tool Mfg., Inc.
Your American Cutting Tool Partner
Phone: 800-873-4528

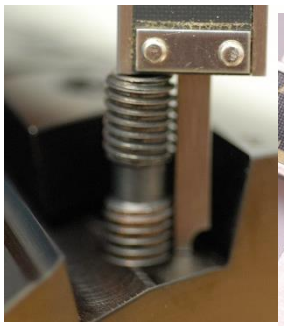
Differential Screw Maintenance

It is recommended to reapply anti-seize to the differential screws after every other blade replacement. Remove differential screw from the tool body then from the wedge. Replace any differential screws if they are damaged. **Note: differential screws have left-hand threads (wedge) and right-hand threads (tool body).**

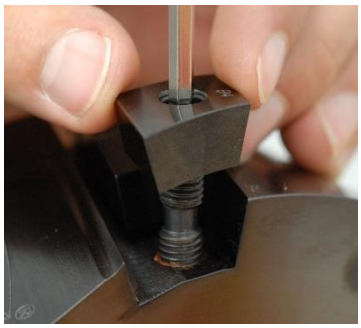


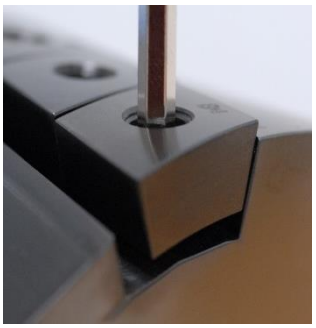
<u>For tools with M8 x 1.25 x 24 & M10 x 1.5 x 30 Differential Screws</u> - place anti-seize on the right-hand threads of the differential screw. Tighten screw 1-2 revolutions into the tool. Screw should stick out **0.815" to 0.825"** above the surface of the tool body. Tighten or loosen the screw as needed to achieve this.





Place anti-seize on the left-hand threads of the screw. With the narrow end of the wedge on top of the screw, turn the screw clockwise 5-6 revolutions with the appropriate T-handle key. Repeat this procedure for all wedges and screws to be replaced.





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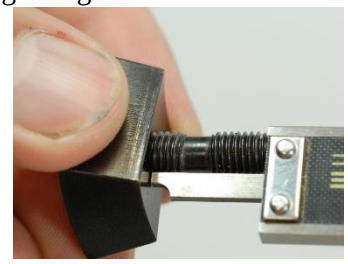
For tools with 1/4 - 28 x 3/4 Differential Screws – Place anti-seize on the left-hand threads of the differential screw. Tighten screw 3-4 revolutions into the narrow end of the wedge. Screw should stick out **0.600" to 0.610"** from the surface of the wedge. Tighten or loosen the screw as needed to achieve this.



Place anti-seize on the right-hand threads of the screw. Install the wedge and screw into the tool body, turn the screw 4-5 revolutions with the appropriate T-handle key. Repeat this procedure for all wedges and screws to be replaced.