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TAB BENDING TOOL – REGULAR MAINTENANCE REPAIR



JAW SPRING REPLACEMENT



Retract piston and jaw rollers towards the body of the tool. Remove side plates



The spring can also be replaced by removing just the “top side” jaw (as shown), leaving the lower jaw in place.



Jaw and plate components shown.



Align the jaw spring into the spring pocket on each jaw. Compress the jaws by hand to align side plate mounting holes.



Install side plates. When tightening the Nylok nuts, do NOT OVERTIGHTEN or the jaws will bind. Check for free jaw movement when fully assembled.

REPLACING THE SHAFT BUMPER AND END CAPS

NOTE: Some of the early production Tab Bending Tools were equipped with a nylon bumper. These nylon bumpers had a tendency to crack or split due to the continuous impact when operating the tool. If the bumper fails, the piston shaft can retract too far back which could then damage the plastic end cap. The nylon bumpers have been replaced with a new aluminum bumper. We are providing replacement aluminum bumpers (and end caps, if broken) to all customers that have tools using the nylon bumpers. Below is the procedure for changing out the bumpers.



Remove plastic end cap



End cap shown removed



Using a small screwdriver, retract the piston shaft towards the tool body.



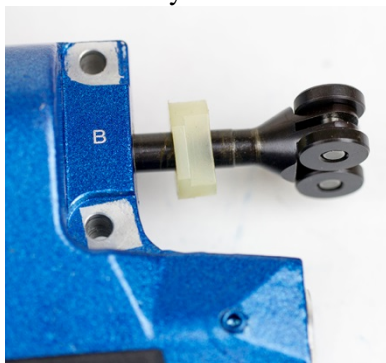
Remove the (4) screws that secure the jaw housing assembly to the tool body



Remove the trigger guard screw



Slide the entire jaw and housing assembly away from the tool body to expose the shaft.



Shaft, nylon bumper and jaw rollers shown



Remove the (4) jaw rollers from the shaft. Do not remove the roller pins. Clamp the shaft (using the roller pins) into a vise.



Push the shaft into the tool body so a wrench can access the shaft end plate. This end plate has been installed using Loctite, so it will take some effort to break it loose.



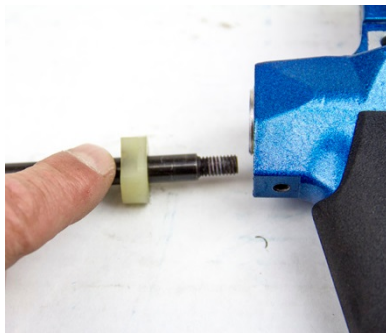
Remove the shaft end plate



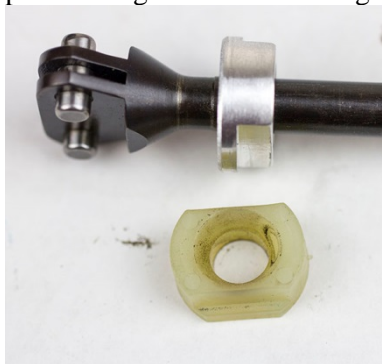
Note: when reinstalling the end plate, apply a “medium” strength thread locker (Loctite) before reinstalling the end plate. Also, apply a little grease on the end plate O-ring before reinstalling.



Push the shaft completely out of the tool body.



The nylon bumper is shown. This will be replaced with the new aluminum bumper.



Aluminum and nylon bumpers shown. Now reassemble in reverse order. Lubricate the jaw rollers when reassembling.

If you need assistance or have questions regarding these repairs, please give us a call: 888-444-1202 or email to: info@custom-products.com