

Tool Module Maintenance

Daily Maintenance

Remove the tool from your EasyBender.

Remove the 4 bottom screws and pull off the Female bottom plate.

Remove all the slugs from the female.

Squirt WD-40 onto the female and blow off the dirt and excess lube with compressed air.

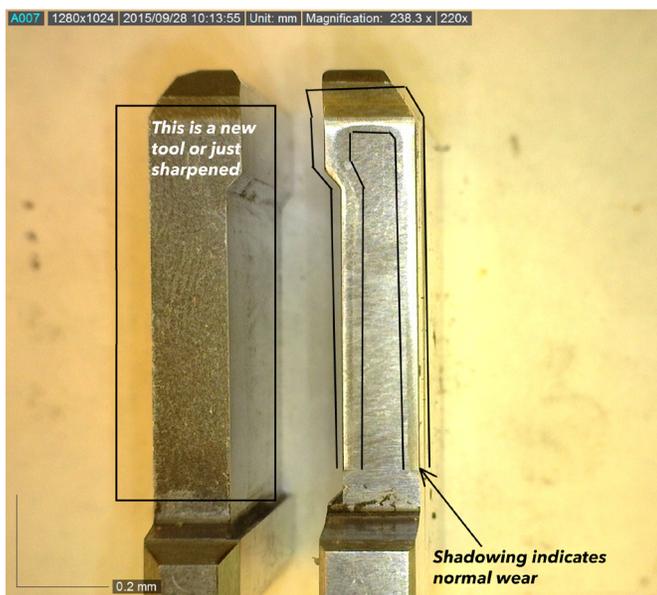
Squirt WD-40 into the cutting ends of the male punches.

All around the springs, blow off the dirt and excess lube with compressed air.

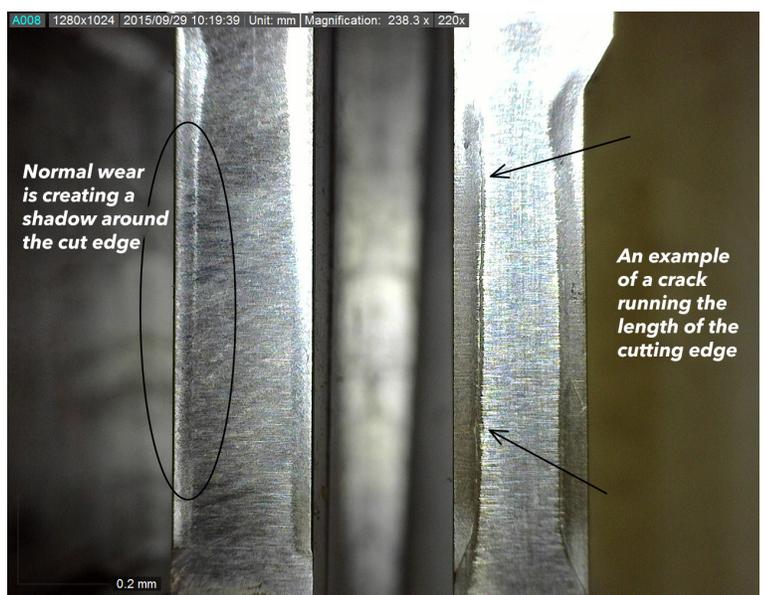
Inspect the cutting ends of the male punches for shadowing around the edges, and use a magnifying glass and good light to find any fine cracks. If you do see any cracks, please send the module in for sharpening immediately; fine cracks can sometimes be removed whereas larger ones necessitate tool replacement.

Inspect the female for shadowing and rounding of the cutting edges.

Reassemble the tool.



New or sharpened tool



Worn and cracked tool

Weekly Maintenance

Daily maintenance, plus -

With the tool disassembled, remove the male punch-retaining bar and slide out all the male punches noting their location.

Clean each punch and clean inside the male tool indexing block, with cleaning solvent and a small nylon bottlebrush.

Re-lube the inside of the indexing block with light machine oil, oiling each of the punches separately. Replace the springs, punches and the retaining bar, ensuring that the springs are fully seated in their positioning holes top and bottom.

Set the depth of the retaining bar (equally left and right) so that the base of the punches extends out of the indexing block, but the cutting tips are not protruding from the face. Then tighten the lock nuts. Blow off any excess oil that has been displaced in to the cutting area.

Re-install the dowel pins and the female base plate with the 4 bolts.

Tri-Monthly Maintenance

Pack up your tool with sufficient padding place in a sturdy box and ship it to:

EasyBender Americas
6235 Lookout Rd. Suite A.
Boulder, CO 80301

Include any information that may be helpful. If you have special notes or issues for tool modules coming in for sharpening or jamming problems please let us know when you mail it via our email here in the sharpening department: sharpening@sdsautomation.com

Frequency of sharpening depends on point of rule being cut and volume of work being done.