



## REPAIR & MAINTENANCE | Hand operated Combi Tool 5111/5114/5117 (ST) |

### Maintenance recommendations:

### After use (every time)

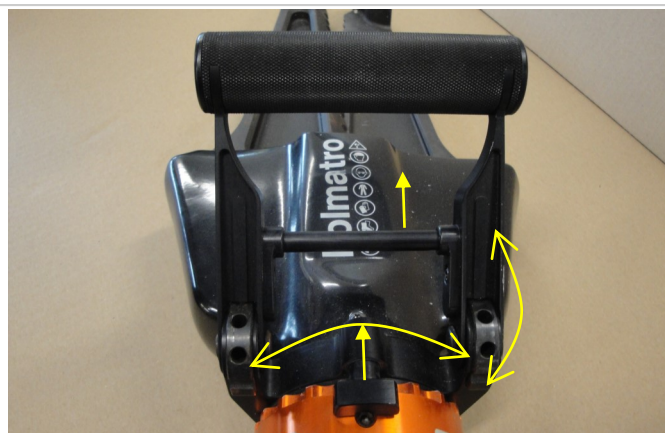
- Wear full protective gear during maintenance.
- Always act according to the safety instructions as supplied with each tool!

Necessary equipment: Teflon lubrication oil, WD40, soft cloth, feeler gauge.



#### Step 1

- Check that the blades are not completely closed. Store tool with blades opened minimal 1cm
- Check general condition of the tool. No parts missing or damaged (clean/dry the tool with a soft cloth)
- Check function of the pump handle
- Lightly oil steel parts with preservative oil WD40 before storing
- Check if the control ring, open/close, operates



#### Step 2

- Check carrying handle for damage and that it's firmly fastened to the tool
- Replace handle when damage interferes with it's function
- Check smooth operating and position adjustment of:
  - Carrying handle angle



#### Step 2A

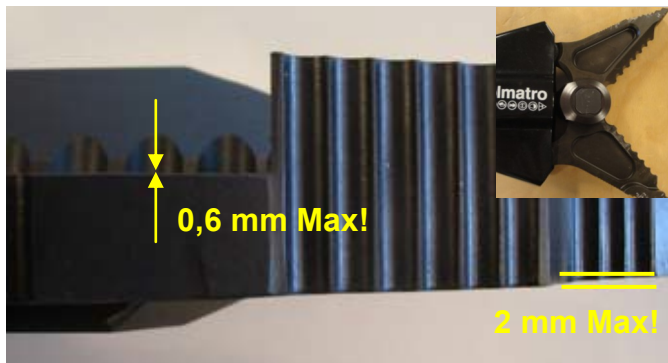
- Check carrying handle for damage and that it's firmly fastened to the tool
- Replace handle when damage interferes with it's function
- Check the functioning of the integrated lights.

*Note: if lights stay on, replace battery (AA type)*



#### Step 3

- Check the pump handle for correct functioning, make sure it locks in every position and can rotate 360°
- Check snap rings for presence and damage
- Check the piston for scratches

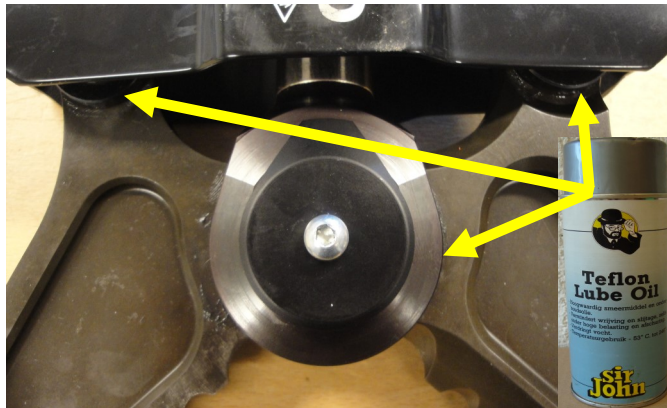
**Step 4**

Check blades for straightness/damage/deformation/upsetting/ chipped areas/ broken off teeth and replace when:

- Tips recede more than 2mm
- Blades recede more than 0.6mm from each other
- 1st tooth from cutting recess is missing
- 2 or more teeth are missing

**Step 5**

Check the 4 small rings for presence and damage.

**Step 6**

Spray a small amount of Teflon lubrication oil on and between the moving parts such as:

- i-bolt
- hinge pins
- levers
- blades

**Note:** open and close the blades while spraying a small amount of Teflon lubrication oil.