holmatro
mastering power

REPAIR & MAINTENANCE | 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!**

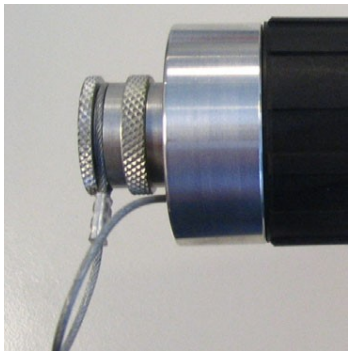
Necessary equipment: Teflon lubrication oil, WD40, soft cloth, feeler gauge.

Step 1

- Check that the blades are not completely closed. Store tool with blades opened 1cm
- Check general condition of the tool. No parts missing or damaged (clean/dry the tool with a soft cloth)
- Lightly oil steel parts with preservative oil WD40 before storing

Step 2

- Check the proper functioning of the deadmen's handle
- Check:
  - whether the control handle moves smoothly
  - returns in neutral position
  - the blades move according the control symbols
  - the dust cap is firmly attached



Step 3

- Check coupler and dust cap for damage, dirt and/or oil leakage
- Clean coupler with a clean and soft cloth, if necessary with water and soap
- If necessary grease with WD-40 or hydraulic oil
- Check functioning coupler

Step 4

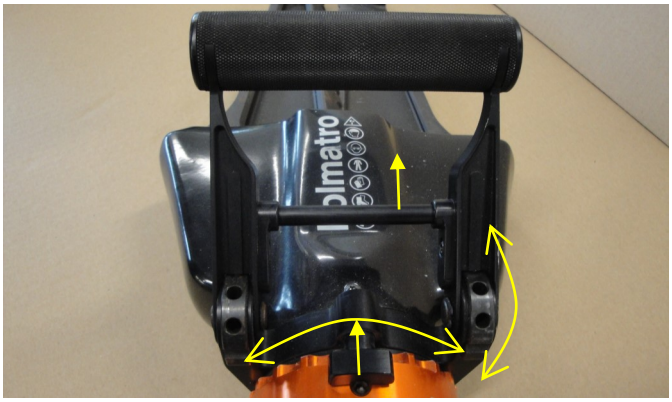
- Check the back of the tool for oil, this will indicate that the safety valve has been activated during use
- Clean the control handle internally by blowing compressed air in the back of the handle

Note: blow air in to the hole pointed out on the picture. When doing this, be sure to wear safety glasses. A mist of oil can come out of the back.

Holmatro Rescue Equipment B.V. | P.O. Box 33 | 4940 AA Raamsdonksveer, the Netherlands | T +31 (0)162 589200 | rescue@holmatro.com | **www.holmatro.com**

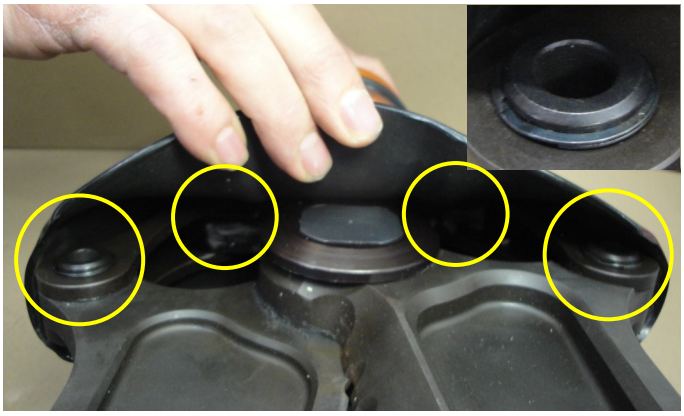
Step 5 (Fixed carrying handle only)

- Check carrying handle for damage and that it's firmly fastened to the tool
- Check the functioning of the integrated lights
  Note: if lights stay on, replace battery (AA type)



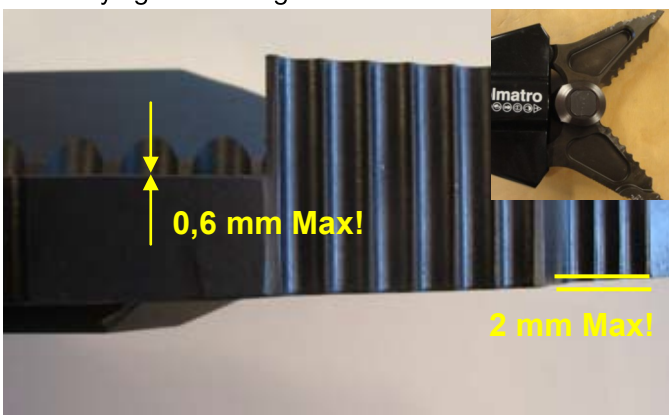
Step 5A (rotatable carrying handle only)

- 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 180°—360°



Step 6

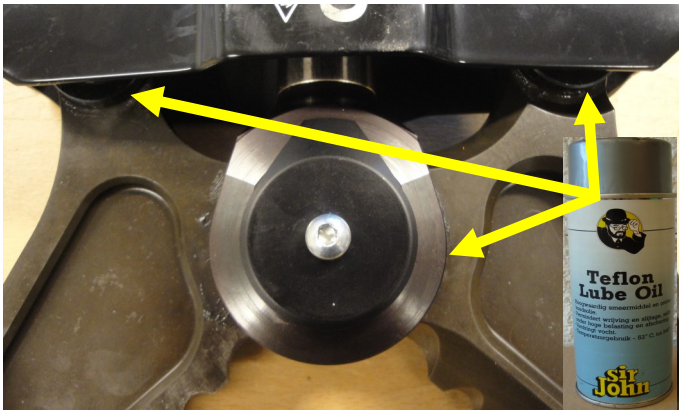
Check the smalley rings 4x for presence and damage.



Step 7

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
- For more information refer to blade diagnostics



Step 8

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.