

# REPAIR & MAINTENANCE | Cutter CU 3005 / 4005 (C) / 4007 (C)

# Maintenance recommendations cutter:

# after use (every time)

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



### Step 1

- Check that the blades are opened 5 mm.
- Check general condition of the cutter (clean/dry of the tool with a soft cloth).
- Lightly oil steel parts with preservative oil WD-40 before





## Step 2

- Check coupler(s) and dust cap(s) for damage, dirt and/or oil leakage
- Clean coupler(s) with a clean and soft cloth, if necessary with water and soap.
- If necessary grease with hydraulic oil or use WD-40.
- Check functioning coupler(s).
- Reconnect loose dust cap(s) to coupler(s).



### Step 3

- Check the snap ring of the hinge pin for damage. Replace if:
- damaged
- corroded
- worn down



# Step 4

• Check the functioning of the tumbler switch, it must automatically return into its neutral position.

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### Step 5 (DUAL)

- 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.



### Step 5 (CORE)

- 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.



#### Step 7

Check the blades for damage, blades need to be replaced when: - 1st tooth from cutting recess is missing.

- 2 or more teeth are missing.
- tips recede more than 0.6mm.
- overlap of the cutting face is less than 2mm

Contact the Holmatro dealer to replace the blades.



#### Step 9

• Spray Teflon lubricating oil on and between the moving parts such as: - main bolt.

- hinge pin.

- lever.
- blades.
- blade holder.

Note: open and close the blades while spraying.

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## Step 8

- When the cutter is heavily used , set the torque of the bolts.
- main bolt = 100 Nm. (cap size 32).



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# Maintenance recommendations:

# Monthly (or after 10 hours of use)

## (Should be carried out by a technician)

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

Necessary equipment: Torque wrench, cap size 30/32, Teflon lubricating oil, soft cloth



#### Step 10

- Check the operation of the cutter by opening & closing the cutter 2 times.
- Check: whether the blades move smoothly.
  - no cracking sound can be heard.



Step 11 (CU 3005 /4005/ 4007 only!)

- Check pigtail hoses and mounting of the couplers. Replace the pigtail hose when:
- damaged
- the steel wire inlayer is visible
- blisters are visible.
- obvious traces of kinks are visible.
- cuts are visible.
- protection spring is not mounted well.
- traces of damage due to chemicals/heat
- older than 10 year
- Note: Always reject rubber hoses older than 10 years, even when undamaged

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