

# Instruction to be read before first use and for main maintenance

## Norton Clipper CP512-300/CP514-350/CP512-300i/CP514-3050i

For safety instruction and more details read the manual instruction



### Starting the machine :

#### *Fuelling up :*

Models CP512-300 and CP514-350 : Require fuel mix according to the mix table Chap 5.5.

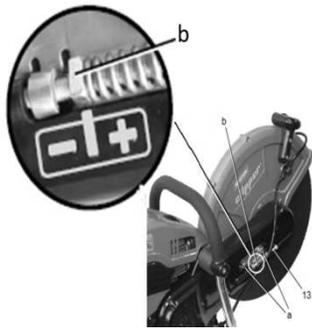
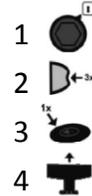
#### **⚠ Unsuitable fuels or deviations of the mix ratio may cause engine damage!**

Models CP512-300i and CP514-350i : Fuel tank for lead-free regular gasoline or lead-free super gasoline. Oil tank (green cap) for branded 2-stroke engine oil corresponding to the standard ISO-L-EGD or JASO FD. The fuel mix is automatically formed. Do not fill any fuel mix into the fuel tank

#### *Starting :*

1. Turn the stop dial to the operating position "1".
2. Before the first start, operate the primer. 3 push. Chap. 4.5, page 14
3. Before starting-up, push the decompression valve. Chap. 4.5, page 14
4. Pull on the starter handle. When the machine is cold, 3 pull can be needed. Chap. 6.3, page 25

Make the motor warm during 5 minutes before cutting.



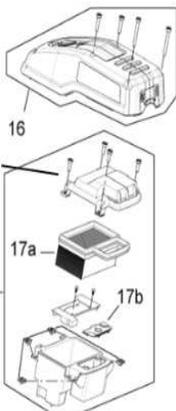
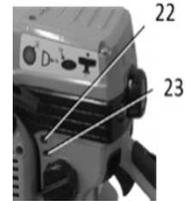
### Adjusting the ribbed belt tension : At initial starting, at re-starting after extended stand still, after replacement of the ribbed belt or after any other assembly work

1. Loosen both attachment nuts (a).
2. Turn ribbed belt tensioning screw (13) towards the right (clockwise).  
→ Increase ribbed belt tension.
3. Turn ribbed belt tension screw (13) towards the left (counter-clockwise):  
→ Reduce ribbed belt tension.
4. The square nut (b) must be on the centre mark between "+" and "−".
5. Tighten both attachment nuts (a) again.

### Idle/Carburattor adjustment: At initial starting

The screws "L" and "H" (23) The carburettor is preset perfectly at the factory, depending on environment of use (altitude, air humidity) an adjustment could be needed. It must only be set by specialist workshops

Idle stop screw "T" (22) adjusted with the screwdriver. Let the engine warm up before performing adjustments. For correct idle position, the motor should run smoothly in the idling mixture without driving the cut-off wheel.



### Air filter cleaning: At weekly intervals or when the engine output is clearly reduced. the degree of contamination of the air filter is highly dependent on external influences.

- daily working hours
- wet or dry cut
- the material to be cut
- work environment

Remove cover 16 and a.  
Clean air filter 17a by brush out.  
If the air filter is damage or too dirty replace it.

**⚠ Danger of contamination for the filter inside! Only open the guard and air filter box lid in a clean environment.**

### Spark plug : every 50 hours

\_ Clean with dry cloth and check appearance. Brush out the foreign bodies

\_ Adjust the plug gap if needed.

\_ If the electrodes are burned down, the spark plug must be replaced at once otherwise, it must be replaced after 100 operating hours.

\_ Approved spark plug : BOSCH WSR6F, CHAMPION RCJ-6Y, NGK BPMR7A

\_ Screw in spark plug (d) again. Torque: 25 Nm

