

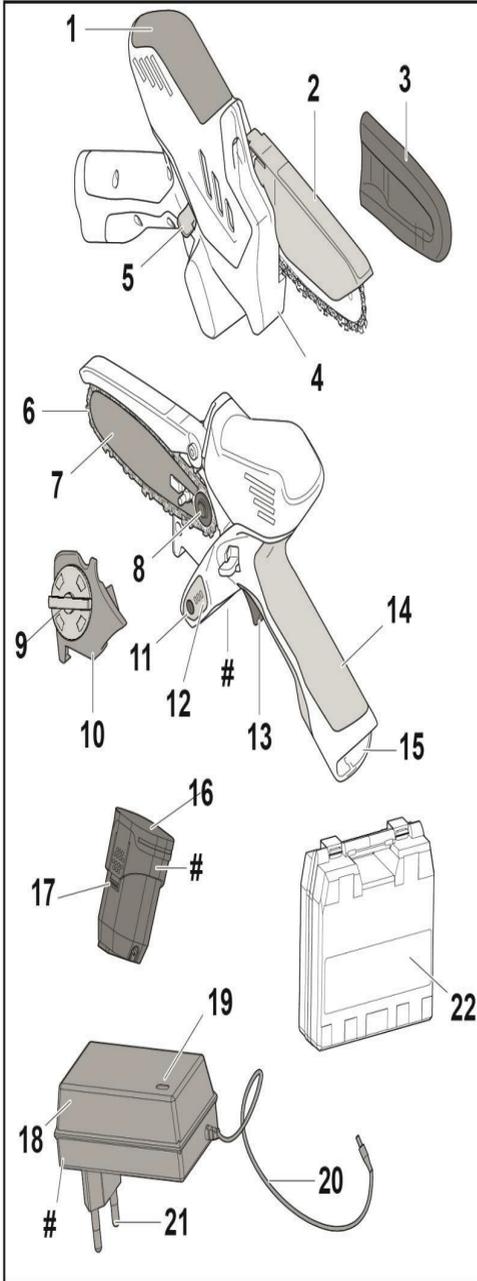
# Cordless Chainsaw

# Instruction Manual



# Overview

## Garden Pruner, Battery and Charger



### 1 Grip Surface

For holding and controlling the garden pruner.

### 2 Guard

Helps protect user from contact with saw chain.

### 3 Chain Scabbard

Helps protect user from contact with saw chain.

### 4 Limit Stop

Supports garden pruner against wood while cutting.

### 5 Lockout Lever

Unlocks the trigger.

### 6 Saw Chain

Cuts the wood.

### 7 Guide Bar

Supports and guides the saw chain.

### 8 Chain Sprocket

Toothed wheel that drives the chain.

### 9 Wingnut

Secures chain sprocket cover to garden pruner.

### 10 Chain Sprocket Cover

Covers the chain sprocket and secures the guide bar to the garden pruner.

### 11 Button

Activates the LEDs on the garden pruner.

### 12 LEDs

Battery indicator

### 13 Trigger

Switches the garden pruner on and off.

### 14 Control Handle

For operating, holding and controlling the garden pruner.

## 15 Battery Compartment

Accommodates the battery.

## 16 Battery

Supplies power to the garden pruner.

## 17 Locking Hook

Holds the battery in the battery compartment.

## 18 Charger

Charges the battery.

## 19 LED

The LED indicates the operating status of the charger.

## 20 Connecting Cable

Connects charger to battery.

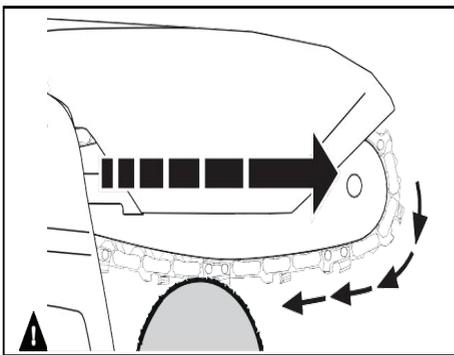
## 21 Appliance Plug

Connects charger to appliance plug.

## 22 Box

For transporting and storing the garden pruner, battery and charger. The box only comes with the set (consisting of garden pruner, battery and charger).

## Reactive Forces



The garden pruner is pulled away from the operator when the bottom of the bar is used for cutting.

## ⚠ WARNING

- If the rotating chain makes contact with a hard object and is suddenly pinched, the garden pruner is abruptly jerked away from the operator. This can result in personal injuries.
  - ▶ Hold the garden pruner firmly with both hands.
  - ▶ Use the working techniques described in this instruction manual.
  - ▶ Work with the chain guard properly mounted.
  - ▶ Work with an undamaged chain guard that has not been modified.
  - ▶ Always cut with a properly sharpened and tensioned saw chain.
  - ▶ Keep the guide bar straight in the cut.
  - ▶ Cut with the motor running at full speed.

## Storing

### 1. Garden pruner

## ⚠ WARNING

- Children are not aware of and cannot assess the dangers of the garden pruner and can be seriously injured.
  - ▶ Fit the scabbard so that it completely covers the guide bar.
  - ▶ Store the garden pruner out of the reach of children.
- Dampness can corrode the electrical contacts on the garden pruner and other metal components. The garden pruner may be damaged.
  - ▶ Remove the battery.



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- ▶ Store the garden pruner in a clean and dry condition.

## Battery

### **▲ WARNING**

Children are not aware of and cannot assess the dangers of the battery and can be seriously injured.

- ▶ Store the battery out of the reach of children.
- The battery is not protected against all ambient conditions. The battery may be damaged if it is exposed to certain ambient conditions.
- ▶ Store the battery in a clean and dry condition.
- ▶ Store the battery in an enclosed location.
- ▶ Store the battery separately from the garden pruner and charger.
- ▶ Store the battery in non-conductive packaging.
- ▶ Store the battery at temperatures between - 20°C and + 70°C.

## Charger

### **▲ WARNING**

- Children are not aware of and cannot assess the dangers of a charger. Children may sustain serious or fatal injuries.
- ▶ Remove the battery.
- ▶ Store the charger out of the reach of children.
- The charger is not protected against all ambient conditions. The charger may be damaged if it is exposed to certain ambient conditions.
- ▶ Remove the battery.
- ▶ If the charger is hot: Allow charger to cool down.
- ▶ Store the charger in a clean and dry condition.
- ▶ Store the charger in an enclosed location.
- ▶ Store the charger at a temperature between - 20°C and + 70°C.
- The connecting cable must not be used for carrying or hanging up the charger. The connecting cable and the charger may be damaged.
- ▶ Hold the charger by the housing. A recessed handle is provided on the back of the charger.

## Cleaning, Maintenance and Repairs

### **▲ WARNING**

- The garden pruner may start unintentionally if the battery is left in place during cleaning, maintenance or repair operations. This can result in serious injuries and damage to property.

- ▶ Remove the battery.



- Aggressive cleaning agents, a water jet or pointed objects can damage the garden pruner, guide bar, saw chain, battery and charger. If the garden pruner, guide bar, saw chain, battery or charger are not cleaned correctly, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious injuries.

- ▶ Clean the garden pruner, guide bar, saw chain, battery and charger as described in this instruction manual.

- If the garden pruner, guide bar, saw chain, battery or charger are not properly serviced, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious or fatal injuries.

- ▶ Do not attempt to service or repair the garden pruner, battery or charger.

- ▶ If the garden pruner, battery or the charger require servicing or repairs: Contact a MaiTeng servicing dealer for assistance.

- ▶ Service or repair the guide bar and chain as described in this instruction manual.

- The user can be cut by the sharp cutters while cleaning or servicing the saw chain. This can result in personal injury.

## Charging the Battery

The charging time depends on several factors, e.g.

temperature of the battery or the ambient temperature. The actual charging time may differ from the specified charging time.

**The charging process starts automatically when the battery is fitted in the charger. The charger switches itself off automatically when the battery is fully charged.**

The battery and charger become hot during the charging process.

The LED indicates the operating status of the charger or faults. The LED can glow green or red.

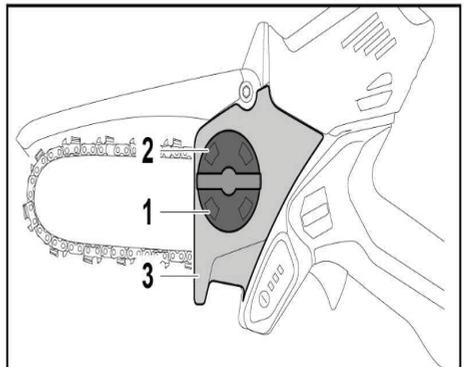
If the LED glows red, the battery is being charged.

## Assembling the Garden Pruner

### Removing and Fitting the Bar and Chain

#### Removing the bar and chain

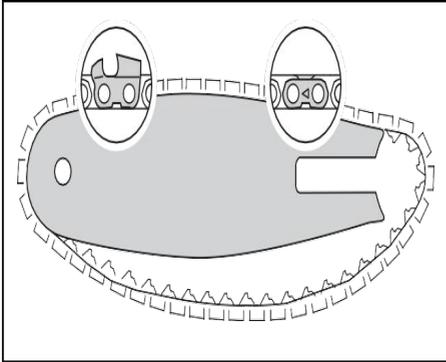
- ▶ Switch off the garden pruner and remove the battery.



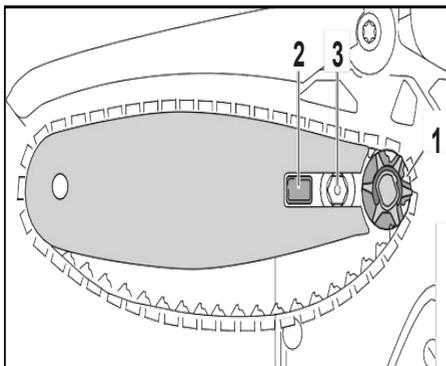
- ▶ Rotate the wingnut (2) counterclockwise until the chain sprocket cover (3) can be removed.
- ▶ Remove the chain sprocket cover (3).
- ▶ Remove the bar and chain.

## Mounting the bar and chain

The bar and chain combinations that can be used with the chain sprocket are listed in the specifications



- ▶ Fit the chain in the bar groove so that the arrows on the tie straps on the top of the bar point in the direction of rotation.



- ▶ Fit the guide bar and chain on the garden pruner and check the following points:
  - Chain drive links are seated in teeth of chain sprocket (1).
  - Peg (2) is located in guide bar's slot.
  - Collar stud (3) is located in guide bar's slot.

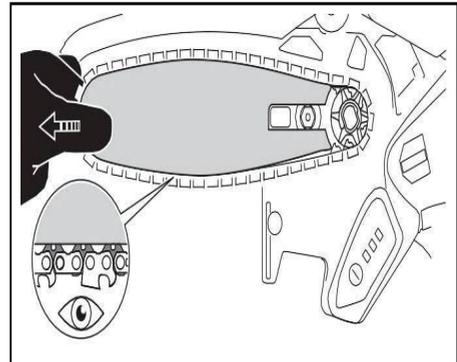
The guide bar may be either way round. The logo on the guide bar may also be upside down.

- ▶ Tension the chain.
- ▶ Fit the sprocket cover so that it is flush with the garden pruner.
- ▶ Rotate the wingnut clockwise until the chain sprocket cover is firmly seated.
- ▶ Fold down the grip of the wingnut.

## Tensioning the Saw Chain

The saw chain expands or contracts during cutting work. Chain tension changes as a result. Check chain tension regularly during operation and readjust if necessary.

- ▶ Switch off the garden pruner and remove the battery.



- ▶ Raise the grip of the wingnut.
- ▶ Rotate the wingnut two turns counterclockwise.

The wingnut is loose.

## ⚠ WARNING

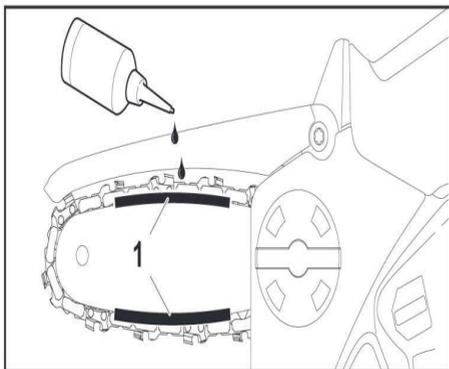
The chain's cutters are very sharp. There is a risk of cut injuries.

- ▶ Wear work gloves made of durable material.

- ▶ Move guide bar to the left or right until the following points apply:
  - The drive links on the underside of the bar are still half visible.
- ▶ Rotate the wingnut clockwise until the chain sprocket cover is firmly seated.
- ▶ If the chain can still be pulled easily along the bar with two fingers: The chain is properly tensioned.
- ▶ If the drive links on the underside of the bar hang freely: Readjust chain tension.

## Lubricating the Saw Chain

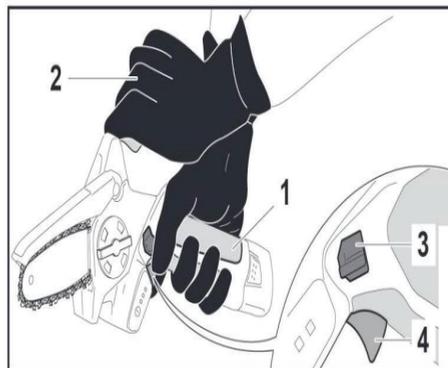
- ▶ Multifunctional oil lubricates and cools the rotating saw chain.
- ▶ Switch off the garden pruner and remove the battery.
- ▶ Place the garden pruner on a level surface with the sprocket cover facing up.



- ▶ Apply multifunctional oil in area (1) between guide bar and saw chain.
- ▶ Fit the battery.
- ▶ Switch on the garden pruner.

Multifunctional oil is evenly distributed over the chain. The saw chain is lubricated.

## Switching On and Off



- ▶ Hold the garden pruner firmly with one hand on the grip area (1) of the control handle – wrap your thumb around the control handle.
- ▶ Hold and control the garden pruner with your other hand on the grip surface (2).
- ▶ Depress the lockout lever (3) with your thumb and hold it there.
- ▶ Pull the trigger (4) with your index finger and hold it there. The motor accelerates and the chain rotates. Release the lockout lever (3).

## After Finishing Work

- ▶ Switch off the garden pruner and remove the battery.
- ▶ If the garden pruner is wet: Allow garden pruner to dry.
- ▶ If the battery is wet: Allow the battery to dry.
- ▶ Clean the garden pruner.
- ▶ Clean the bar and chain.
- ▶ Fit the scabbard so that it completely covers the guide bar.

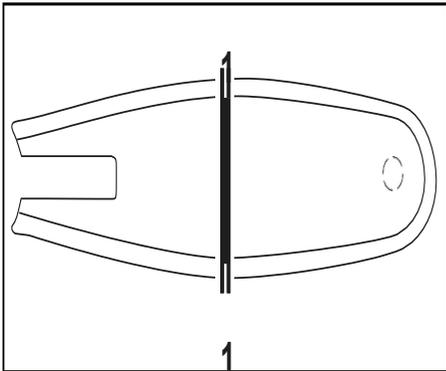
# Cleaning

## Cleaning the Garden Pruner

- ▶ Switch off the garden pruner and remove the battery.
- ▶ Clean the garden pruner with a damp cloth.
- ▶ Remove the chain sprocket cover.
- ▶ Clean the area around the sprocket with a damp cloth.
- ▶ Remove foreign matter from the battery compartment and clean the battery compartment with a damp cloth.
- ▶ Clean electrical contacts in the battery compartment with a soft brush.

## Cleaning the Bar and Chain

- ▶ Switch off the garden pruner and remove the battery.
- ▶ Remove the bar and chain.



- ▶ Clean the bar groove (1) with a soft brush.
- ▶ Clean the saw chain with a soft brush.
- ▶ Mount the bar and chain.

## Cleaning the Battery

- ▶ Clean the battery with a damp cloth.

## Cleaning the Charger

- ▶ Clean the charger with a damp cloth.
- ▶ Clean the charger's electrical contacts with a soft brush.

# Storing

## Storing the Garden Pruner

- ▶ Switch off the garden pruner and remove the battery.
- ▶ Fit the scabbard so that it completely covers the guide bar.
- ▶ Check the following points when storing the garden pruner:
  - Garden pruner is out of the reach of children.
  - Garden pruner is clean and dry.

## Storing the Battery

Storing the battery with a charge between 40% and 60% (2 LEDs glow green).

- ▶ Check the following points when storing the battery:
  - Battery is out of the reach of children.
  - Battery is clean and dry.
  - Battery is in an enclosed location.
  - Battery is stored separately from the garden pruner and charger.
  - Battery is in non-conductive packaging.
  - Battery is in a temperature range between - 20°C and + 60°C.