

Tomyvic TY-601

Tomyvic 6-inch Mini Electric Chainsaw Instruction Manual

Model: TY-601 | Brand: Tomyvic

1. INTRODUCTION

The Tomyvic 6-inch Mini Electric Chainsaw is a compact, cordless, and battery-powered tool designed for light-duty cutting tasks. It is ideal for trimming tree branches, cutting small logs, pruning shrubs, and assisting with general backyard upkeep and light home repairs. Its lightweight design allows for comfortable one-handed operation, making yard work more efficient.

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your chainsaw. Please read it thoroughly before first use and retain it for future reference.

2. SAFETY INFORMATION

Operating any power tool requires adherence to strict safety guidelines to prevent injury. Always prioritize your safety and the safety of those around you.

General Safety Precautions:

- **Wear Appropriate Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and sturdy footwear. Consider hearing protection and a hard hat for overhead work.
- **Maintain a Secure Grip:** Always hold the chainsaw firmly with one hand on the handle. Ensure a stable and balanced stance.
- **Clear Work Area:** Ensure the area around you is free of obstacles, bystanders, and pets. Be aware of falling branches.
- **Inspect Before Use:** Before each use, check the chainsaw for any damage, loose parts, or proper chain tension.
- **Avoid Accidental Starts:** The chainsaw is equipped with a safety lock button. Always engage the safety

lock when not actively cutting and before performing any maintenance.

- **Protect Against Debris:** The rotatable protective baffle helps guard against flying debris. Ensure it is in the correct position for your cutting task.
- **Do Not Overreach:** Avoid awkward body positions. Keep proper footing and balance at all times.
- **Battery Safety:** Use only the provided charger and batteries. Do not expose batteries to extreme temperatures or moisture.



Figure 2.1: Enhanced safety features including the safety lock and rotatable protective baffle.



Figure 2.2: Detailed view of the safety lock and protective baffle.

3. PACKAGE CONTENTS

Your Tomyvic 6-inch Mini Electric Chainsaw kit includes the following items:

- 1 x 6-inch Mini Electric Chainsaw (with one chain pre-installed)
- 1 x Extra Chain
- 2 x 21V Max Lithium-Ion Batteries
- 1 x Battery Charger
- 1 x Empty Oil Bottle (for chain lubrication)
- 1 x Pair of Safety Glasses
- 1 x Pair of Gloves
- 1 x Wrench
- 1 x Screwdriver
- 1 x Sturdy Storage Case



Figure 3.1: Complete package contents of the Tomyvic Mini Electric Chainsaw.

4. SETUP

4.1 Battery Charging

Before first use, fully charge both 21V Max Lithium-Ion batteries. Connect the charger to a standard power outlet and then connect the battery to the charger. The charging indicator on the battery will show its status. A full charge typically takes 1.5 to 2 hours.



Figure 4.1: Tomyvic 21V Max Lithium-Ion Batteries.

4.2 Chainsaw Assembly (if required)

Your chainsaw may come with the chain pre-installed. If not, carefully attach the guide bar and chain according to the diagrams in the quick start guide (not included in this manual, but typically provided with the product). Ensure the chain is oriented correctly with the cutting teeth facing the direction of rotation.

4.3 Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient operation. Use the provided wrench and screwdriver to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. Refer to the detailed video instructions (if available from the manufacturer's website) for visual guidance

on maintaining proper tension.

4.4 Chain Lubrication

The chainsaw does not have an automatic oiling system. It is essential to manually lubricate the chain before and during use, especially for extended cutting tasks. Fill the provided empty oil bottle with appropriate chainsaw bar and chain oil (not included). Apply a small amount of oil directly to the chain and guide bar to ensure smooth operation and prevent premature wear.

5. OPERATING INSTRUCTIONS

Once assembled, charged, and lubricated, your Tomyvic Mini Electric Chainsaw is ready for use. Always wear safety glasses and gloves during operation.

5.1 Starting the Chainsaw

1. Insert a fully charged battery into the battery slot until it clicks into place.
2. Hold the chainsaw firmly with one hand on the ergonomic handle.
3. Press and hold the safety lock button (usually located on the side of the handle).
4. While holding the safety lock, press the trigger switch to start the chainsaw. Release the safety lock once the chain begins to move.

5.2 Cutting Techniques

The Tomyvic Mini Electric Chainsaw is designed for cutting branches up to approximately 4 inches in thickness. Its high-power copper motor provides efficient cutting at 19.2 ft/s chain speed.

- **Trimming Branches:** For smaller branches, position the chainsaw firmly against the branch and allow the chain to do the work. Avoid forcing the saw.
- **Cutting Logs/Firewood:** For logs up to 4 inches, ensure the log is stable and elevated if possible. Make a smooth, steady cut.
- **One-Handed Operation:** The lightweight design (2.51 lbs) allows for comfortable one-handed use, but always maintain a secure grip and stable footing.

HIGH-EFFICIENT CUTTING

19.2 FT/S Chain Speeds
More Cuts & Less Energy Use



Figure 5.1: High-efficient cutting with the Tomyvic Mini Electric Chainsaw.



Figure 5.2: Efficient cutting performance powered by the pure copper motor.



Figure 5.3: Lightweight design enables comfortable one-handed operation.

5.3 Stopping the Chainsaw

Release the trigger switch to stop the chainsaw. Always engage the safety lock after use and before setting the tool down.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your chainsaw.

6.1 Chain Lubrication

As mentioned in the setup section, manually lubricate the chain and guide bar frequently during use. This reduces friction, heat, and wear on the chain and motor.

6.2 Chain Sharpening and Replacement

A dull chain will reduce cutting efficiency and put strain on the motor. Sharpen the chain regularly or replace it with a new one when necessary. Use the provided wrench and screwdriver for chain replacement. Always ensure the replacement chain is compatible with your 6-inch guide bar.

6.3 Cleaning

After each use, remove the battery and clean the chainsaw. Use a brush or compressed air to remove sawdust, wood chips, and debris from the chain, guide bar, and motor housing. Ensure the ventilation slots are clear to allow for proper heat dissipation.



Figure 6.1: Ensure proper heat dissipation by keeping vents clear.

6.4 Storage

When not in use, store the chainsaw in its sturdy case in a dry, cool place, away from direct sunlight and out of reach of children. Ensure batteries are removed from the tool before storage.

7. TROUBLESHOOTING

If you encounter issues with your Tomyvic Mini Electric Chainsaw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or not inserted correctly. Safety lock not engaged.	Ensure battery is fully charged and properly seated. Press and hold the safety lock button while pressing the trigger.
Chain not cutting efficiently.	Dull chain. Incorrect chain tension. Insufficient lubrication.	Sharpen or replace the chain. Adjust chain tension. Apply more chain oil.
Chainsaw overheats.	Continuous heavy use. Blocked ventilation slots.	Allow the chainsaw to cool down. Clear any debris from the ventilation slots. Avoid prolonged heavy cutting.
Battery not holding charge.	Battery life cycle reached. Improper charging.	Ensure proper charging procedure. If battery life is significantly reduced, consider replacing the battery.

If the problem persists after attempting these solutions, please contact Tomyvic customer support for assistance.

8. SPECIFICATIONS

Feature	Specification
---------	---------------

Feature	Specification
Brand	Tomyvic
Model Number	TY-601
Power Source	Battery Powered
Horsepower	550 Watts
Item Weight	2.51 Pounds (approx. 1.14 kg)
Product Dimensions (L x W x H)	4.7" x 4" x 15.6" (approx. 11.9 cm x 10.2 cm x 39.6 cm)
Chain Length	6 Inches
Battery Type	Lithium Ion (2 included)
Battery Capacity	2000mAh (each battery)
Charging Time	1.5 - 2 Hours
Working Time	20 - 30 Minutes (continuous use on small branches)
Chain Speed	19.2 ft/s

9. WARRANTY AND SUPPORT

The Tomyvic 6-inch Mini Electric Chainsaw comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets quality standards.

For any questions, concerns, or technical support, please contact Tomyvic customer service. Our dedicated support team is available to assist you and ensure a satisfactory experience with your product.

Please retain your proof of purchase for warranty claims.