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› Ebikestar 52cc 6-in-1 Gas Powered Multi-Tool Garden Trimmer Instruction Manual

Ebikestar 52cc 6-in-1 Multi-Functional Garden Trimming Tools

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Model: 52cc 6-in-1 Multi-Functional Garden Trimming Tools | Brand: Ebikestar

1. IMPORTANT SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE) when operating this tool. This includes, but is not limited to, eye protection (goggles), hearing protection (earmuffs), heavy-duty gloves, long pants, and sturdy, non-slip footwear. Keep bystanders, especially children and pets, at a safe distance (at least 50 feet/15 meters) from the work area. Never operate the tool under the influence of alcohol or drugs. Read and understand the entire manual before operation.

Fuel Safety: Gasoline is highly flammable. Handle fuel with extreme care. Store fuel in an approved container in a well-ventilated area, away from ignition sources. Never refuel a hot engine. Allow the engine to cool before adding fuel. Avoid spilling fuel. If fuel is spilled, wipe it up immediately and move the tool away from the spill area before starting.

2. PACKAGE CONTENTS

Verify that all items listed below are present and undamaged upon unboxing. If any parts are missing or damaged, contact customer support before assembly or operation.

- 1 x 52cc Powerful Engine
- 1 x Control Rod
- 1 x Hedge Trimmer Attachment
- 1 x Pole Saw Attachment
- 1 x String Trimmer Attachment
- 1 x Brush Cutter Attachment
- 1 x 33-inch Extension Pole
- 1 x 40T Metal Blade
- 1 x 50T Metal Blade
- 1 x Vibration Reduction Shoulder Harness
- 1 x Debris Shield
- 1 x Tool Kit with Storage Bag
- 1 x Mixing Bottle
- 1 x Gloves
- 1 x Instruction Manual



Figure 2.1: All components included in the package.

Free Trimmer Accessory Set



Figure 2.2: Included trimmer accessory set.

3. SETUP AND ASSEMBLY

Proper assembly is crucial for safe and efficient operation. Follow these steps carefully. Refer to the provided videos for visual guidance.

3.1 Unboxing and Component Identification

Carefully open the packaging and remove all components. Lay them out to ensure everything is present as per the package contents list.

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Video 3.1: Demonstrates the unboxing process and identification of components.

3.2 Handlebar Assembly

Attach the handlebar to the main shaft. Ensure it is securely fastened using the provided screws and tools. Adjust the position for comfortable operation.

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Video 3.2: Shows the assembly of the handlebar and other initial setup steps.

3.3 Safety Guard Installation

Install the debris shield onto the lower shaft. This guard protects the operator from flying debris during use. Ensure it is firmly attached and correctly oriented.

3.4 Attaching Trimmer Heads (String Trimmer / Blade Trimmer)

Select the desired trimmer head (string or blade). Align the head with the drive shaft and secure it using the provided fasteners. Ensure the blade or string head is properly seated and tightened.

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Video 3.3: Detailed instructions for installing the string trimmer head.

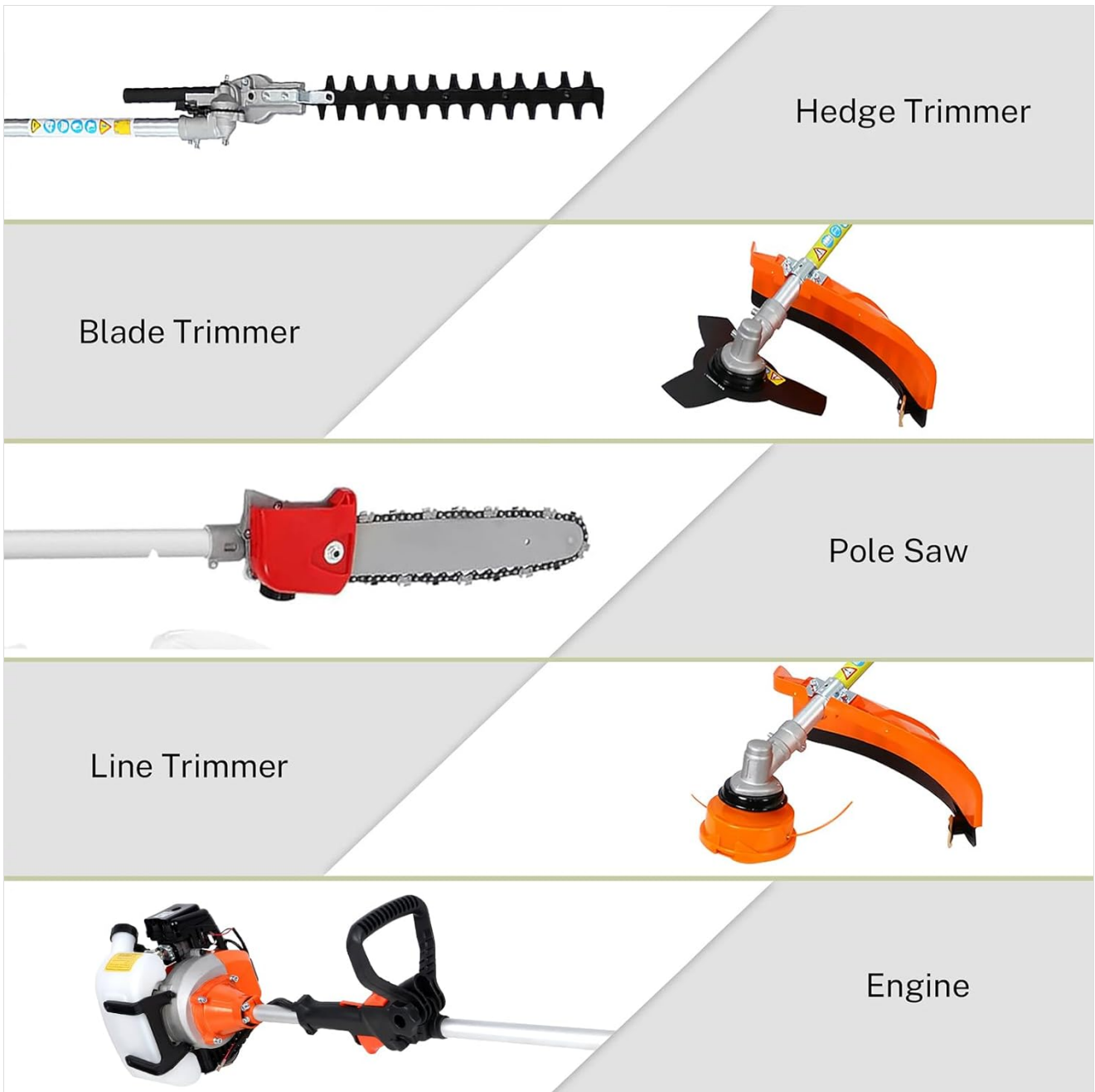


Figure 3.1: Various attachments including blade and line trimmers.

3.5 Attaching Pole Saw

To use the pole saw, attach the pole saw head to the extension pole, then connect the extension pole to the main engine unit. Ensure

the chain is correctly installed and tensioned on the guide bar.

3.6 Attaching Hedge Trimmer

For hedge trimming, attach the hedge trimmer head to the extension pole, then connect the extension pole to the main engine unit. The hedge trimmer head is angle-adjustable for versatility.



Figure 3.2: Overview of multi-tool assembly with various attachments.

3.7 Fuel Mixture and Filling

This tool uses a 2-stroke engine requiring a specific gasoline-to-oil mixture. Use the provided mixing bottle to prepare the fuel. The recommended mix ratio is 25:1 (25 parts gasoline to 1 part 2-stroke engine oil). Carefully pour the mixed fuel into the fuel tank using a funnel to prevent spills.

AIR-COOLED, TWO-STROKE, SMALL SIZE



Figure 3.3: Engine components including the petrol tank.

4. OPERATING INSTRUCTIONS

4.1 Starting the Engine

1. Ensure the fuel tank is filled with the correct fuel mixture.
2. Set the engine switch to the 'ON' position.
3. Engage the choke (if applicable, refer to engine diagram).
4. Press the primer bulb several times until fuel is visible.
5. Pull the starter cord firmly and smoothly until the engine attempts to start.

6. Once the engine fires, disengage the choke.
7. Allow the engine to warm up for a few moments before engaging the throttle.

4.2 Using the String Trimmer

The string trimmer is ideal for cutting grass and light weeds. Hold the tool firmly with both hands, maintaining a balanced stance. Move the trimmer head in a sweeping motion, keeping it slightly above the ground. Avoid contact with hard surfaces or obstacles.

4.3 Using the Brush Cutter

The brush cutter, equipped with a metal blade (3T, 40T, or 50T), is designed for thicker weeds, brambles, and brush. Use a steady, controlled motion. Be aware of kickback and potential hazards from flying debris. Always wear full protective gear.

4.4 Using the Pole Saw

The pole saw attachment is for trimming high branches. Ensure the chain is properly lubricated before use. Maintain a safe distance from the cutting area and ensure stable footing. Do not attempt to cut branches thicker than the guide bar length.

4.5 Using the Hedge Trimmer

The hedge trimmer is for shaping hedges and shrubs. The 180° adjustable head allows for various cutting angles. Keep both hands on the handles and maintain control. Avoid cutting branches thicker than the blade capacity.



Figure 4.1: Example of the string trimmer in operation.



Figure 4.2: Hedge trimmer attachment in use.

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Video 4.1: Demonstrates the use of the string trimmer attachment.

4.6 Stopping the Engine

To stop the engine, release the throttle trigger and move the engine switch to the 'OFF' position.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your multi-tool. Always disconnect the spark plug wire before performing any maintenance.

- **Cleaning:** After each use, clean the tool, especially the cutting attachments, to remove grass, debris, and sap.
- **Air Filter:** Inspect and clean the air filter regularly. A dirty air filter can reduce engine performance.
- **Spark Plug:** Check the spark plug for wear and proper gap. Replace if necessary.
- **Fuel System:** Drain the fuel tank if storing the tool for an extended period. Run the engine until it stops to clear the carburetor of fuel.
- **Blades/Chains:** Inspect blades for sharpness and damage. Sharpen or replace as needed. Ensure pole saw chains are properly tensioned and lubricated.

- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness and re-tighten as necessary.

6. TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed here, contact customer support.

- **Engine Fails to Start:**

- Check fuel level and ensure correct fuel mixture.
- Verify the engine switch is in the 'ON' position.
- Ensure the choke is engaged during cold starts and disengaged after initial firing.
- Check the spark plug for fouling or damage.
- Inspect the primer bulb for proper function.

- **Loss of Power / Engine Stalling:**

- Clean or replace the air filter.
- Check for obstructions in the fuel line or carburetor.
- Ensure the spark plug is clean and correctly gapped.

- **Excessive Vibration:**

- Inspect cutting attachments (blades, string head) for damage or imbalance.
- Ensure all fasteners are tight.

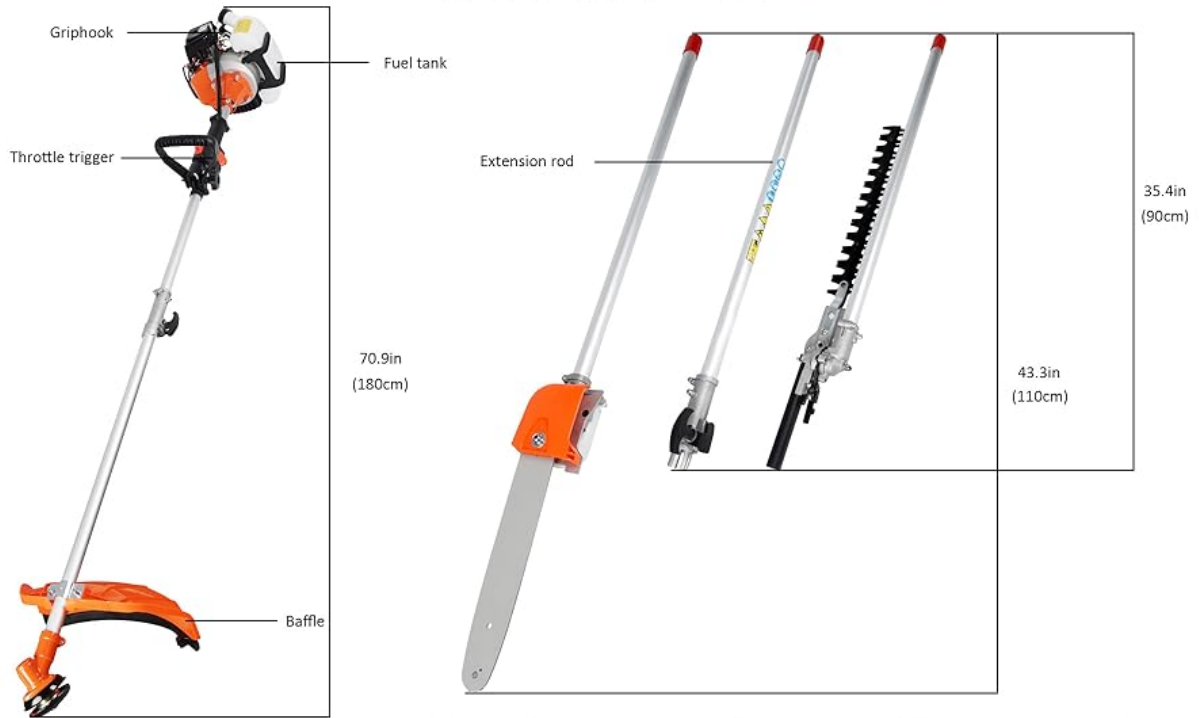
- **Cutting Attachment Not Spinning:**

- Check for obstructions around the cutting head.
- Ensure the drive shaft connection is secure.
- Inspect the clutch mechanism for wear or damage (professional service recommended).

7. SPECIFICATIONS

Feature	Specification
Brand	Ebikestar
Power Source	Gas Powered
Engine Type	2-stroke, 52cc
Item Weight	40 Pounds
Cutting Width (String Trimmer)	18 Inches
Product Dimensions	40"L x 10"W (main unit)
Assembly Required	Yes
Hedge Trimmer Angle Adjustment	180°

Product dimensions



Product dimensions are measured manually and there may be slight errors.

Figure 7.1: Product dimensions for various configurations.

8. WARRANTY AND SUPPORT

For any questions or technical guidance regarding your Ebikestar 6-in-1 Multi-Tool Garden Trimmer, please contact customer support via email. We are committed to providing permanent technical guidance services for our products and will reply within 24 hours.