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> [PROYAMA 51.7cc 2-Cycle Gas 3-in-1 String Trimmer and Brush Cutter Instruction Manual](#)

PROYAMA PBC52

PROYAMA 51.7cc 2-Cycle Gas 3-in-1 String Trimmer and Brush Cutter Instruction Manual

Model: PBC52

1. IMPORTANT SAFETY INFORMATION

Always read and understand this manual before operating the PROYAMA 51.7cc 2-Cycle Gas 3-in-1 String Trimmer and Brush Cutter. Failure to follow instructions can result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including eye protection (safety glasses/face shield), hearing protection (ear defenders), gloves, and sturdy footwear. A vibration reduction shoulder harness is provided for comfort and safety.
- **Fuel Handling:** This is a 2-cycle gas-powered engine. Use a 50:1 fuel-to-oil mixture. Mix fuel in a well-ventilated area away from ignition sources. Store fuel in an approved container.
- **Operating Environment:** Operate the tool in well-ventilated outdoor areas. Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters). Clear the work area of debris that could be thrown by the cutting attachment.
- **Engine Operation:** Ensure the engine is off and cooled before performing any maintenance, cleaning, or attachment changes. Never leave a running engine unattended.
- **Vibration Reduction:** The anti-vibration system is designed to reduce user fatigue. Utilize the provided shoulder harness to distribute weight and further reduce strain.
- **Emergency Stop:** Familiarize yourself with the location and operation of the engine stop switch for quick shutdown in emergencies.

2. PRODUCT OVERVIEW

The PROYAMA 51.7cc 2-Cycle Gas 3-in-1 String Trimmer and Brush Cutter is a versatile tool designed for heavy-duty landscaping tasks, including trimming overgrown vegetation, string trimming, and brush cutting.

Key Features:

- **Powerful 51.7cc 2-Cycle Engine:** Delivers 2 HP for efficient cutting of larger branches and dense vegetation.
- **3-in-1 Functionality:** Easily switch between string trimmer, 3T blade, and 9" circular brush blade for various tasks.
- **Anti-Vibration System:** Designed to reduce vibration and user fatigue during extended use.
- **Quick-Start System:** Facilitates easier engine startup.
- **U-Style Handle:** Provides comfortable and controlled operation.
- **Quick Release Split Shaft:** Allows for easy transportation and storage.

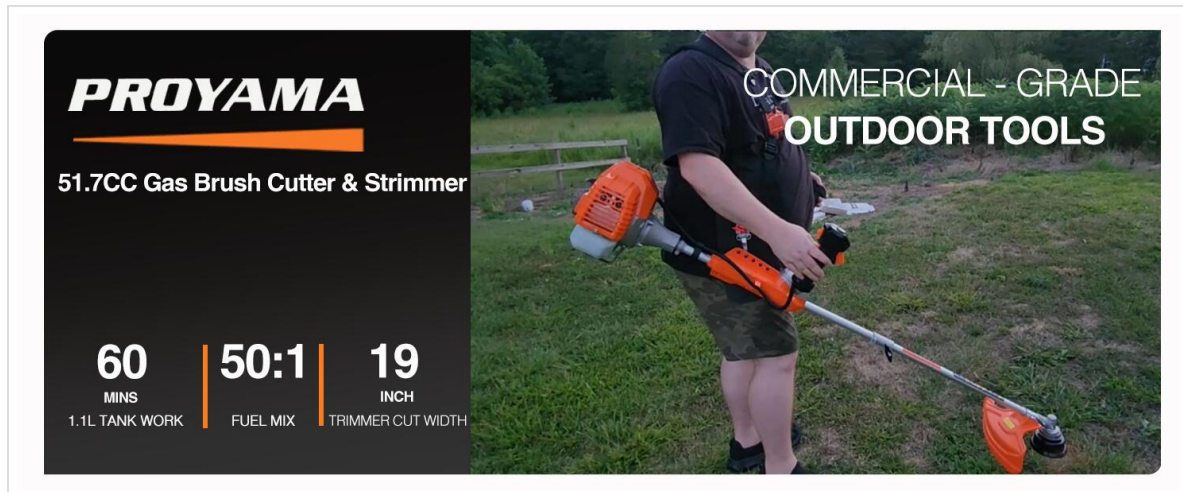


Figure 1: Overview of the PROYAMA 51.7cc 2-Cycle Gas Trimmer and Brush Cutter, highlighting the U-style handle, professional-grade 2-stroke engine, 61" straight shaft, heavy-duty gear case, large shield, and dual line bump feed trimmer head.

3. SETUP AND ASSEMBLY

Follow these steps to properly assemble and prepare your PROYAMA 3-in-1 tool for operation.

3.1 Unboxing and Component Check

Carefully unpack all components and verify against the packing list. Ensure all parts are present and undamaged.

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Video 1: This video demonstrates the contents of the PROYAMA 51.7CC Gas Brush Cutter package, showing all included accessories and the main unit.

3.2 Attaching the Handlebar

Attach the U-style handlebar to the main shaft using the provided bolts and tools. Ensure it is securely fastened for optimal control and safety.



Harness

Ergonomic harness with broad back support, shoulder straps and hip belt that distributes the load over a larger area.

PROYAMA

trimmers edger and brushcutters – designed to better your work

Reduce the weight and increase the efficiency. That's on the top of our list when we at Proyama develop new features for our grass trimmers and brushcutters.



Low Vibration

Effective anti-vibration dampeners absorb vibration, reducing stress on the user's arms and hands.



Smart start

The machine starts quickly with minimum effort. Resistance in the starter cord is reduced by up to 40%.



Steel shaft

The solid internal shaft on the PBC52 supports many cutting head options including metal cutting blades.



Extend the cutting surface

Smooth mowing action to cover large areas efficiently

Figure 2: Close-up view of the U-style handle with integrated throttle control, showing its attachment point to the main shaft.

3.3 Attaching the Guard and Cutting Head

Secure the protective guard to the shaft. Then, attach the desired cutting head (string trimmer, 3T blade, or 9" circular brush blade) according to the specific instructions for each attachment. Ensure all fasteners are tightened.

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Video 2: This video provides a detailed guide on how to assemble the PROYAMA 51.7CC Gas Brush Cutter, including attaching the shaft, handle, guard, and various cutting heads.

3.4 Fuel Mixing

This is a 2-cycle engine requiring a 50:1 fuel-to-oil mixture. Use fresh, unleaded gasoline and high-quality 2-cycle engine oil. Mix thoroughly in the provided fuel mixing bottle before adding to the fuel tank.

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Video 3: This video demonstrates the process of preparing and mixing fuel for the PROYAMA 51.7cc 2-Cycle Gas Powered Weed Eater, ensuring the correct 50:1 ratio.

3.5 Adjusting the Harness

Properly adjust the vibration reduction shoulder harness for comfort and balance. The harness helps distribute the tool's weight, reducing strain during operation.



Figure 3: The ergonomic harness features broad back support, shoulder straps, and a hip belt to distribute the load evenly, enhancing user comfort and efficiency.

4. OPERATING INSTRUCTIONS

Before starting, ensure all safety precautions are followed and the work area is clear.

4.1 Starting the Engine

1. Place the tool on a flat, stable surface.
2. Push the primer bulb several times until fuel is visible.
3. Move the choke lever to the "START" or "CHOKE" position.
4. Pull the starter cord firmly and smoothly until the engine attempts to start (usually 1-3 pulls).
5. Once the engine "pops" or attempts to start, move the choke lever to the "RUN" position.
6. Pull the starter cord again until the engine starts and runs smoothly.
7. Allow the engine to warm up for a few moments before engaging the throttle.

4.2 Using the String Trimmer

Hold the trimmer firmly with both hands, maintaining a comfortable and balanced stance. Use a sweeping motion to cut grass and light weeds. The dual line bump feed head allows for easy line advancement by tapping the head on the ground while the engine is running.

4.3 Using the Brush Cutter

For thicker vegetation, switch to the 3T blade or 9" circular brush blade. Use a controlled, deliberate motion. Be aware of kickback when cutting thicker brush. Always wear a face shield when using brush cutter blades.

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Video 4: This video demonstrates the PROYAMA 52CC Gas Brush Cutter in an outdoor test, showcasing its performance on various types of vegetation.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. Replace if damaged.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace as needed to ensure proper ignition.
- **Fuel System:** Drain the fuel tank and carburetor if storing the tool for an extended period to prevent fuel degradation.
- **Cutting Attachments:** Inspect blades and trimmer head for wear or damage before each use. Sharpen blades as necessary or replace worn trimmer line.
- **General Cleaning:** Keep the engine and cooling fins free of debris to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues, refer to this section for common problems and solutions.

- **Engine Fails to Start:**
 - Check fuel level and ensure correct 50:1 mixture.
 - Verify the engine stop switch is in the "ON" position.
 - Ensure the choke is set correctly for starting (CHOKE then RUN).
 - Check the spark plug for fouling or damage.
- **Engine Runs Poorly or Dies:**
 - Inspect the air filter for clogs.
 - Check for stale fuel; replace with fresh fuel if necessary.
 - Ensure the throttle cable is properly connected and not damaged.
- **Excessive Vibration:**
 - Check cutting attachments for damage or imbalance.
 - Ensure all bolts and fasteners are tight, especially on the handle and shaft connections.

7. SPECIFICATIONS

Feature	Specification
Brand	PROYAMA
Model Number	PBC52
Engine Type	2-Cycle Gas Powered
Engine Displacement	51.7cc
Horsepower	2 HP
Fuel Mix Ratio	50:1 (Gasoline:2-Cycle Oil)

Cutting Width (String Trimmer)	19 Inches
Cutting Width (Brush Cutter)	10 Inches
Item Weight	19 Pounds
Product Dimensions	73"L x 15"W

8. WARRANTY AND SUPPORT

For warranty claims, technical support, or genuine parts and accessories, please contact PROYAMA customer service.

- **Contacting Support:**

1. Log in to your Amazon account.
2. Navigate to "Your orders".
3. Find the order ID for your PROYAMA product.
4. Click "Contact seller".

PROYAMA's expert team aims to provide professional assistance within 12 hours.

- **Genuine Parts & Accessories:** Shop on the PROYAMA Amazon Store for authentic replacement parts and accessories.



Figure 4: Instructions on how to contact PROYAMA customer service through your Amazon account.