

Gosangom 66471

Gosangom 26cc 2-Cycle Petrol 3-in-1 Power Trimmer Instruction Manual

Model: 66471

1. IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this power trimmer. Failure to follow these instructions may result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, heavy-duty long pants, long sleeves, and sturdy footwear. Gloves are recommended.
- **Fuel Handling:** Handle gasoline with extreme care. It is highly flammable. Store fuel in an approved container in a well-ventilated area away from ignition sources. Never refuel while the engine is running or hot.
- **Work Area:** Keep children, bystanders, and pets at least 50 feet (15 meters) away from the work area. Clear the work area of debris, rocks, and other objects that could be thrown by the cutting head.
- **Inspection:** Before each use, inspect the trimmer for loose parts, damaged components, or fuel leaks. Do not operate if damaged.
- **Operation:** Operate the trimmer only in well-ventilated outdoor areas. Maintain a firm grip on the handles. Do not overreach. Always maintain proper footing and balance.
- **Engine Shut-off:** Always turn off the engine before making adjustments, clearing clogs, or performing maintenance.

2. PRODUCT OVERVIEW AND COMPONENTS

The Gosangom 26cc 2-Cycle Petrol 3-in-1 Power Trimmer is designed for various lawn and garden tasks, including trimming grass, cutting weeds, and light brush clearing. It features a powerful 26cc engine and interchangeable cutting heads.

Package Contents:

- 1 x Weed Wacker (Main Unit with Engine and Shaft)
- 1 x Oil Pot (for fuel mixing)
- 1 Pair x Goggles

- 1 x Funnel
- 1 x Carrying Strap
- 1 x English Manual (this document)
- All necessary accessories for installation (tools, various cutting heads)



Figure 2.1: All components included in the package. This image displays the main engine unit, shaft sections, various cutting heads (string trimmer and blade), carrying strap, fuel mixing bottle, funnel, safety goggles, and assembly tools.

Key Features:

- **High Power:** 26CC displacement engine with 0.65kw power, achieving 8500r/min for efficient operation.
- **Versatile Cutting Heads:** Includes a 2T cutting edge blade head (suitable for paddy pool ridge, crop field) and a multi-purpose mowing head (suitable for orchards, vineyards, designed to avoid damaging saplings).
- **Ergonomic Design:** Cordless and gasoline-powered for high flexibility. Adjustable handle position for comfortable control.
- **Safety Protection:** Features a throttle safety lock to prevent accidental acceleration.
- **Portability & Storage:** Comes with a carrying strap to reduce user fatigue. Detachable design allows for convenient storage.



Figure 2.2: The Gosangom 26cc 3-in-1 Power Trimmer. This image shows the complete assembled unit with the engine, long shaft, and string trimmer head, presented against a plain white background.

3. ASSEMBLY AND SETUP

Follow these steps to assemble your Gosangom Power Trimmer. Ensure all parts are present before beginning.

3.1. Assembling the Shaft and Handle:

1. Connect the two sections of the main shaft. Ensure they click securely into place.
2. Attach the handle assembly to the main shaft at a comfortable operating position. Tighten the securing bolts firmly.
3. Mount the engine unit to the upper shaft section, ensuring all connections are secure.



Figure 3.1: Disassembled view of the trimmer components. This image illustrates the engine unit, the two shaft sections, and the two different cutting heads (string trimmer and blade), ready for assembly.

3.2. Attaching the Cutting Head:

1. Select the desired cutting head (string trimmer or blade).
2. Align the cutting head with the lower shaft and secure it using the provided fasteners. Ensure it is tightly fastened to prevent detachment during operation.
3. Attach the protective guard over the cutting head. This guard is essential for safety and must always be in place during operation.

3.3. Fuel Preparation:

This trimmer uses a 2-stroke gasoline engine and requires a specific fuel mixture.

- **Gasoline Oil Mixing Ratio:** 20-25:1 (Gasoline to 2-stroke engine oil).
- Use fresh, unleaded gasoline with an octane rating of 89 or higher.
- Use high-quality 2-stroke engine oil specifically designed for air-cooled engines.
- Mix the fuel and oil thoroughly in the provided oil pot or an approved fuel container before pouring into the trimmer's fuel tank.
- Fill the fuel tank (capacity: 1000ml / 33.8 Oz) carefully, avoiding spills. Secure the fuel cap tightly.



Figure 3.2: Close-up view of the 26cc engine. This image highlights the engine's design, including the fuel tank cap, starter pull cord, and air filter cover, which are important for fuel filling and starting procedures.

3.4. Attaching the Carrying Strap:

Attach the carrying strap to the designated attachment points on the trimmer shaft. Adjust the strap length for comfortable and balanced operation, distributing the weight evenly across your shoulder and back.

4. OPERATING INSTRUCTIONS

Ensure you have read and understood all safety warnings before operating the trimmer.

4.1. Starting the Engine:

1. Place the trimmer on a flat, stable surface.
2. Set the choke lever to the 'CLOSED' or 'START' position.
3. Press the primer bulb several times until fuel is visible in the return line.
4. Hold the trimmer firmly and pull the starter cord with a brisk, continuous motion until the engine fires (usually 1-3 pulls).

5. Once the engine fires, move the choke lever to the 'OPEN' or '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. Operating the Trimmer:

- **Throttle Control:** The trimmer is equipped with a throttle safety lock. Press the safety lock before squeezing the throttle trigger to accelerate the engine. Release the throttle to return to idle.
- **Cutting Technique:** Use a sweeping motion to cut grass and weeds. For string trimming, use the tip of the line. For blade cutting, approach the material carefully.
- **Blade Head Usage:**
 - **2T Cutting Edge Blade:** Ideal for tougher weeds, paddy pool ridges, and dense vegetation. Exercise caution due to its sharp edges.
 - **Multi-purpose Mowing Head:** Suitable for general grass trimming and areas like orchards or vineyards where avoiding damage to saplings is crucial.
- **Working Posture:** Utilize the carrying strap to support the trimmer's weight. Maintain a comfortable, balanced stance.



Figure 4.1: A user demonstrating the operation of the Gosangom 3-in-1 Power Trimmer. The image shows the user wearing

appropriate safety gear and using the carrying strap for support while trimming grass in a garden setting.

4.3. Stopping the Engine:

Release the throttle trigger and allow the engine to return to idle. Then, press the engine stop switch to turn off the engine.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your trimmer. Always ensure the engine is off and cool before performing any maintenance.

5.1. After Each Use:

- Clean the exterior of the trimmer with a damp cloth. Remove any grass, dirt, or debris from the engine cooling fins and cutting head.
- Inspect the cutting head for wear or damage. Replace string trimmer line as needed. Sharpen or replace blades if dull or damaged.
- Check all nuts, bolts, and fasteners for tightness.

5.2. Air Filter:

Clean the air filter regularly (every 5-10 hours of operation, or more frequently in dusty conditions). A dirty air filter can reduce engine performance and increase fuel consumption.

1. Remove the air filter cover.
2. Carefully remove the air filter element.
3. Clean the filter with warm, soapy water, rinse thoroughly, and allow it to air dry completely. Alternatively, tap out loose dirt.
4. Reinstall the dry air filter and cover.

5.3. Spark Plug:

Inspect the spark plug every 25 hours of operation. Clean or replace if necessary.

- Remove the spark plug cap and then the spark plug using a spark plug wrench.
- Check for carbon buildup or electrode wear. Clean with a wire brush or replace if heavily fouled or worn.
- Ensure the correct spark plug gap (refer to engine specifications if available).
- Reinstall the spark plug and cap, tightening securely but not overtightening.

5.4. Fuel System:

Periodically check fuel lines and connections for cracks or leaks. Replace any damaged components immediately. For long-term storage, drain the fuel tank or use a fuel stabilizer.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your power trimmer.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mixture Choke in wrong position Spark plug fouled or faulty Air filter clogged	Check fuel level and mixture (20-25:1) Adjust choke to 'START' then 'RUN' Clean or replace spark plug Clean air filter
Engine runs, but lacks power	Dirty air filter Incorrect fuel mixture Dull or damaged cutting head	Clean air filter Ensure correct fuel mixture Sharpen or replace cutting head
Excessive vibration	Loose components Damaged or unbalanced cutting head	Check and tighten all fasteners Inspect and replace damaged cutting head
Engine stalls frequently	Clogged fuel filter Carburetor issues Overheating	Replace fuel filter Consult a qualified service technician Clean cooling fins, ensure proper ventilation

7. SPECIFICATIONS

Detailed technical specifications for the Gosangom 26cc 2-Cycle Petrol 3-in-1 Power Trimmer.

Specification	Value
Brand	Gosangom
Model Number	66471
Power Source	Gas Powered
Engine Type	Single-cylinder Air-cooled 2-stroke Gasoline Engine
Displacement	26CC
Power	0.65kw
Rotation Speed	8500r/min
Idling Speed	2800-3200r/min
Carburetor Type	Diaphragm Carburetor
Gasoline Oil Mixing Ratio	20-25:1
Fuel Tank Volume	1000ml / 33.8 Oz
Operating Noise	About 110db
Product Length	1.75m / 5.74ft
Engine Size (L*W*H)	26*22*27cm / 10.24*8.66*10.63in
Item Weight	20 pounds (approx. 9.07 kg)

Specification	Value
Assembly Required	Yes
UPC	756804545246



Figure 7.1: Dimensional overview of the Gosangom 3-in-1 Power Trimmer. This image provides key measurements for the overall length and engine unit, indicating the product's physical size.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact the manufacturer or your point of purchase. Keep your purchase receipt and model number (66471) handy for any inquiries.