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Yard Force GM B46C

Yard Force GMB46C 46cm Self-Propelled Petrol Lawn Mower User Manual

Model: GM B46C

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INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Yard Force GMB46C 46cm Self-Propelled Petrol Lawn Mower. Please read this manual thoroughly before using the product and keep it for future reference. Proper use and maintenance will ensure optimal performance and extend the life of your lawn mower.



Image: Yard Force GMB46C 46cm Self-Propelled Petrol Lawn Mower, side view.

SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury and damage to the lawn mower.

- **Read the Manual:** Familiarize yourself with all controls and proper use before operating the machine.
- **Personal Protective Equipment (PPE):** Always wear sturdy footwear, long trousers, and eye protection. Avoid loose clothing that could get caught in moving parts.
- **Clear the Area:** Before starting, remove all objects such as stones, sticks, wires, bones, and other debris from the lawn that could be thrown by the blade.
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance (at least 15 meters) from the operating area.
- **Inspect Before Use:** Check the blade, engine, and all components for damage or wear. Do not operate if any part is damaged.

- **Fuel Handling:** Refuel outdoors only, with the engine off and cool. Do not smoke while refueling. Store fuel in approved containers.
- **Slope Operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Avoid excessively steep slopes.
- **Engine Off:** Always turn off the engine and disconnect the spark plug wire before cleaning, adjusting, or performing maintenance.
- **Discharge Chute:** Never direct discharge material towards bystanders or allow anyone in the discharge area.
- **Blade Safety:** The blade continues to rotate for a short period after the engine is switched off. Wait until the blade has completely stopped before performing any checks.

SETUP AND ASSEMBLY

Your lawn mower requires some assembly before first use. Follow these steps carefully.

1. Unpacking and Handle Assembly

Carefully remove all components from the packaging. The main chassis, upper and lower handlebar, grass collector, mulching plug, and accessories are included. Attach the lower handlebar to the mower deck, then secure the upper handlebar to the lower section using the provided fasteners.

2. Grass Collector Assembly

Assemble the fabric grass bag onto its frame. Once assembled, lift the rear discharge flap and hook the grass collector onto the mower chassis.



Image: Assembled grass collector attached to the lawn mower.

3. Adding Fuel and Oil

This lawn mower is powered by a Briggs & Stratton 450E series engine. It requires unleaded petrol and appropriate engine oil (typically SAE 30 or 10W-30). Refer to the engine manual for specific oil type and capacity. **Do not overfill.**

1. Ensure the mower is on a level surface.
2. Remove the oil dipstick/fill cap and fill with the recommended engine oil to the 'FULL' mark.
3. Remove the fuel cap and carefully fill the fuel tank with unleaded petrol.
4. Replace both caps securely.

4. Adjusting Cutting Height

The cutting height can be adjusted with a single lever, offering 7 positions from 25 mm to 75 mm.

- Ensure the engine is off and the spark plug wire is disconnected.
- Locate the height adjustment lever, usually near one of the wheels.
- Pull the lever outwards and move it to the desired height setting.
- Ensure all wheels are set to the same height for an even cut.



Image: Hand adjusting the cutting height lever on the lawn mower.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your lawn mower.

1. Starting the Engine

1. Ensure the spark plug wire is connected.
2. Press the primer bulb (if equipped) 3-5 times.
3. Hold the engine brake lever (bail bar) against the handle.
4. Pull the starter cord firmly and smoothly until the engine starts.

2. Mowing Techniques

- For best results, mow when the grass is dry.
- Overlap cutting swaths slightly to ensure an even cut.
- Avoid cutting more than one-third of the grass height at a time.
- The self-propelled function assists in moving the mower forward. Engage the drive lever to activate.

3. Mulching Function

To use the mulching function, ensure the grass collector is removed and the mulching plug is securely inserted into the rear discharge opening. This allows the finely cut grass clippings to be returned to the lawn as natural fertilizer.

4. Stopping the Engine

Release the engine brake lever (bail bar) to stop the engine. Wait for the blade to come to a complete stop before approaching the mower.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your lawn mower. Always disconnect the spark plug wire before performing any maintenance.

1. Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup.
- Wipe down the exterior with a damp cloth. Do not use high-pressure washers directly on the engine or electrical components.
- Empty and clean the grass collector regularly.

2. Blade Care

The diamond-sharpened blade provides an excellent cut. Inspect the blade regularly for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and increased engine strain. Sharpen or replace the blade as needed. Always wear heavy-duty gloves when handling the blade.

3. Engine Maintenance

- **Oil Change:** Change the engine oil after the first 5 hours of operation, then every 25-50 hours or annually, whichever comes first.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug annually. Replace if worn or fouled.
- Refer to the separate Briggs & Stratton engine manual for detailed engine maintenance procedures.

4. Storage

For long-term storage, ensure the fuel tank is empty or treated with a fuel stabilizer. Clean the mower thoroughly, lubricate moving parts, and store in a dry, protected area.

TROUBLESHOOTING

This section addresses common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
Engine does not start	No fuel; Spark plug wire disconnected; Engine brake not engaged; Fouled spark plug; Stale fuel.	Add fresh fuel; Connect spark plug wire; Hold engine brake lever; Clean/replace spark plug; Drain and refill with fresh fuel.
Engine runs rough or stalls	Dirty air filter; Stale fuel; Carburetor issues.	Clean/replace air filter; Drain and refill with fresh fuel; Consult a service technician.
Poor cutting performance	Dull or damaged blade; Cutting height too low; Wet grass; Grass buildup under deck.	Sharpen/replace blade; Adjust cutting height; Mow when grass is dry; Clean mower deck.
Excessive vibration	Bent or unbalanced blade; Loose fasteners.	Inspect/replace blade; Tighten all fasteners. If vibration persists, consult a service technician.

SPECIFICATIONS

Feature	Detail
Model Number	GM B46C
Brand	Yard Force
Engine	Briggs & Stratton 450E Series (125cc)
Cutting Width	46 cm
Cutting Height Adjustment	7 positions (25 mm - 75 mm)
Grass Collector Capacity	55 Liters (Hybrid)
Deck Material	High-quality Steel
Functions	Cut & Collect, Mulching
Power Source	Fuel-powered
Product Dimensions (L x W x H)	148 x 53 x 103 cm
Item Weight	31 kg

WARRANTY AND SUPPORT

Yard Force offers a 2-year warranty on this product, with an additional 1-year extension available upon registration within 28 days of purchase. For any questions, technical assistance, or warranty claims, please contact Yard Force customer service. Support is available 5 days a week for your peace of mind.

Please retain your proof of purchase for warranty purposes.



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For more information, visit the official [Yard Force website](#).