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› [Yard Force](#) /

› [Yard Force GM R40 40cm Petrol Lawn Mower User Manual](#)

Yard Force GM R40

Yard Force GM R40 40cm Petrol Lawn Mower User Manual

Model: GM R40 | Brand: Yard Force

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Yard Force GM R40 40cm Petrol Lawn Mower. Please read these instructions carefully before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.



Figure 1: The Yard Force GM R40 40cm Petrol Lawn Mower, showcasing its robust design and orange grass collection bag.

1. SETUP AND ASSEMBLY

Before first use, the lawn mower requires some assembly and preparation. Ensure all components are present and undamaged.

1.1 Unpacking

- Carefully remove all components from the packaging.
- Check the contents against the packing list.
- Remove all packing materials and dispose of them responsibly.

1.2 Handle Assembly

1. Unfold the lower handle section and secure it to the main body of the mower using the provided bolts and knobs.
2. Attach the upper handle section to the lower section, ensuring the quick-release levers are securely fastened.
3. Ensure all cables (throttle, brake) are routed correctly and not pinched.



Figure 2: The lawnmower with its handles fully extended and ready for use, illustrating the ergonomic design.

1.3 Grass Collection Bag Attachment

- Lift the rear discharge flap.
- Hook the grass collection bag onto the mower's chassis, ensuring it is securely seated.

1.4 Fuel and Oil Filling

Important: The engine is shipped without oil. Fill with appropriate engine oil before starting.

- Fill the engine with the recommended type and amount of 4-stroke engine oil (refer to engine manual for specifics).
- Fill the fuel tank with unleaded petrol (gasoline). Do not overfill.
- Ensure fuel and oil caps are securely tightened.



Figure 3: A detailed view of the mower's engine, highlighting the fuel cap and air filter cover, essential for pre-operation checks.

2. OPERATING INSTRUCTIONS

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

2.1 Pre-Operation Checks

- Check oil level.
- Check fuel level.
- Inspect the blade for sharpness and damage.
- Clear the mowing area of any debris (stones, sticks, toys).
- Ensure all nuts, bolts, and screws are tight.

2.2 Starting the Engine

1. Ensure the spark plug cap is securely attached.
2. Push the primer bulb 3-5 times (if equipped).

3. Move the throttle lever to the "START" or "CHOKE" position.
4. Firmly pull the starter cord until the engine starts.
5. Once started, move the throttle lever to the "RUN" position.

2.3 Mowing

- Adjust the cutting height using the lever on the wheels. The mower offers 5 cutting positions.
- Always push the mower forward in overlapping rows for an even cut.
- Do not attempt to mow wet grass, as it can clog the mower and be slippery.
- Empty the grass collection bag regularly to maintain optimal performance.



Figure 4: A user demonstrating the operation of the Yard Force GM R40 lawn mower in a residential garden, highlighting its maneuverability.

2.4 Stopping the Engine

- Release the engine brake lever (bail bar) on the handle. The engine will stop automatically.
- Allow the engine to cool down before storing.

3. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

3.1 Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup.
- Use a brush or cloth to clean the exterior. Do not use a high-pressure washer directly on the engine.

3.2 Blade Care

- Regularly inspect the blade for sharpness and damage.
- A dull blade can tear grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed.
- **Caution:** Disconnect the spark plug wire before performing any blade maintenance.

3.3 Engine Maintenance

- **Oil Change:** Change the engine oil after the first 5 hours of use, then every 25 hours or annually.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug annually. Replace if necessary.



Figure 5: A side profile of the Yard Force GM R40 lawn mower, useful for identifying components during maintenance procedures.

4. TROUBLESHOOTING

This section provides solutions to common operational issues.

Problem	Possible Cause	Solution
Engine does not start	No fuel Spark plug dirty/faulty Engine brake not engaged Old fuel	Add fresh fuel Clean/replace spark plug Engage engine brake lever Drain and refill with fresh fuel
Engine runs rough	Dirty air filter Stale fuel Spark plug issue	Clean/replace air filter Drain and refill with fresh fuel Clean/replace spark plug

Problem	Possible Cause	Solution
Uneven cut	Dull blade Wheels not set to same height	Sharpen/replace blade Adjust all wheels to the same cutting height
Excessive vibration	Bent or unbalanced blade Loose components	Inspect and replace blade if bent; ensure it's balanced Check and tighten all nuts and bolts

5. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Yard Force
Model Number	GM R40
Engine Type	Rato 127 CC Petrol Engine
Cutting Width	40 cm (15.7 inches)
Cutting Height Adjustment	5 positions
Maximum Adjustable Cutting Height	7.5 cm (2.95 inches)
Operating Mode	Manual Push
Product Dimensions (L x W x H)	79 x 50 x 42 cm (31.1 x 19.7 x 16.5 inches)
Item Weight	20 Kilograms (44.1 lbs)
Material	Plastic (Chassis)
Color	Orange
Power Source	Gas Powered
Battery Requirement	1 Lithium-ion (for ignition, if applicable)
Manufacturer	Sumec

6. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Yard Force website. Keep your proof of purchase for warranty claims.

Note: Information regarding spare parts availability is not provided in the product specifications. Please contact Yard Force customer service for inquiries.

