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› [Husqvarna](#) /

› Husqvarna Z246 (46") 22HP Briggs Zero Turn Lawn Mower User Manual

Husqvarna 970797301

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Model: 970797301

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Husqvarna Z246 Zero Turn Lawn Mower. The Husqvarna Z246 is designed for homeowner use, featuring a 46-inch cutting deck and a powerful 22HP Briggs EXI engine, coupled with an EZT transmission for smooth operation.

SETUP

Upon receiving your Husqvarna Z246, ensure all packaging materials are removed. The mower weighs approximately 654 pounds, so proper lifting equipment or assistance is required for uncrating and initial placement. Before first use, perform the following checks:

- **Fluid Levels:** Verify engine oil, hydraulic fluid, and fuel levels are at the recommended marks. The fuel tank capacity is 3.5 gallons.
- **Battery Connection:** Ensure the battery terminals are clean and securely connected.
- **Tire Pressure:** Check and adjust tire pressure to the specifications listed on the tires or in the detailed specifications section.
- **Deck Leveling:** Adjust the cutting deck to ensure it is level from side to side and front to back for an even cut. Refer to the deck leveling instructions in the full owner's manual for precise steps.
- **Safety Checks:** Familiarize yourself with all safety decals and controls. Ensure the operator presence system functions correctly.



Figure 1: The Husqvarna Z246 Zero Turn Lawn Mower, showcasing its orange and gray chassis, large rear tires, and front caster wheels. The 46-inch cutting deck is visible beneath the operator's seat.

OPERATING INSTRUCTIONS

Operating the Husqvarna Z246 requires familiarity with its controls and safety features. Always read the full operator's manual before first use.

Starting the Engine

1. Ensure the parking brake is engaged.
2. Place the motion control levers in the neutral locked position.
3. Engage the blade control switch to the disengaged position.
4. Turn the ignition key to the START position. Release the key once the engine starts.

Mowing Operation

The 46-inch stamped 2-blade mower deck provides efficient cutting. The Hydro-Gear EZT transmission allows for precise speed and direction control, with a maximum forward ground speed of 6.5 mph.

- Adjust the cutting height using the deck lift system to suit your lawn conditions.
- Engage the blade control switch to activate the cutting blades.
- Use the motion control levers to steer and control the mower's speed. Push both levers forward to move straight, pull back to reverse, and push one forward while pulling the other back to turn.
- Always maintain a safe distance from obstacles and bystanders.



Figure 2: A view of the Husqvarna Z246 Zero Turn Lawn Mower from the front-left, highlighting the robust wheel design and the cutting deck's side discharge chute. The operator's seat and control levers are clearly visible.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Husqvarna Z246. Always turn off the engine, remove the ignition key, and disconnect the spark plug wire before performing any maintenance.

- **Engine Maintenance:** Regularly check and change the engine oil as per the Briggs EXI engine manufacturer's recommendations. Clean or replace the air filter periodically.
- **Deck Maintenance:** After each use, clean the underside of the 46-inch stamped 2-blade mower deck to prevent grass buildup, which can affect cutting performance. Inspect blades for sharpness and damage; sharpen or replace as needed.
- **Tire Maintenance:** Check tire pressure regularly.
- **Lubrication:** Lubricate all grease points as indicated in the full owner's manual.
- **Storage:** For long-term storage, ensure the fuel system is stabilized or drained, and the mower is cleaned thoroughly.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Husqvarna Z246. For more complex problems, consult a qualified service technician.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Spark plug issue; Battery low; Safety interlock engaged	Check fuel level; Inspect/replace spark plug; Charge/replace battery; Ensure parking brake is on and levers are neutral

Problem	Possible Cause	Solution
Poor cut quality	Dull blades; Uneven deck; Engine speed too low; Mowing too fast	Sharpen/replace blades; Level the deck; Increase engine RPM; Reduce ground speed
Mower not moving	Motion control levers not engaged; Transmission issue; Parking brake engaged	Ensure levers are pushed forward; Check transmission fluid; Release parking brake

SPECIFICATIONS

Feature	Detail
Brand	Husqvarna
Model Number	970797301
Engine	22HP Briggs EXI engine
Cutting Width	46 Inches
Mower Deck	Stamped 2-Blade
Transmission	Hydro-Gear EZT
Fuel Capacity	3.5 Gallons
Ground Speed (Forward)	6.5 mph
Power Source	Gas Powered
Material	Metal
Color	Orange
Item Weight	654 Pounds
Product Dimensions (DxWxH)	79"D x 49"W x 46"H
Operation Mode	Automatic
UPC	193028786107

WARRANTY AND SUPPORT

Your Husqvarna Z246 Zero Turn Lawn Mower is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty documentation included with your product or visit the official Husqvarna website. For technical support, parts, or service inquiries, contact Husqvarna customer service or an authorized Husqvarna dealer. *Note: This item is subject to hazardous materials regulation for transportation and is non-returnable through standard channels. Please consult Husqvarna for specific return or service policies.*

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question