

# Craftsman 650 Series Lawn Mower Owners Manual

Owner's Manual

**CRAFTSMAN®**

## ROTARY LAWN MOWER

650 Series Briggs & Stratton Engine

Power-Propelled

Electric Start

22" Multi-Cut

Model No.

**917.376741**

• Español, p. 21



### CAUTION:

Read and follow all  
Safety Rules and Instructions  
before operating this equipment

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

Visit our Craftsman website: [www.sears.com/craftsman](http://www.sears.com/craftsman)

**Craftsman 650 series lawn mower owners manual** is an essential resource for anyone who owns this reliable piece of lawn care equipment. Understanding the features, maintenance procedures, and operation guidelines outlined in the manual can significantly enhance the performance and longevity of your mower. This article delves into the key aspects of the Craftsman 650 series lawn mower owners manual, providing both new and seasoned users with the necessary information to keep their lawn mowers in top condition.

## Overview of the Craftsman 650 Series Lawn

# Mower

The Craftsman 650 series lawn mower is designed for residential use, providing a blend of power and efficiency ideal for maintaining your lawn. It is equipped with a robust engine, a durable cutting deck, and various features to make mowing easier and more efficient.

## Key Features

The Craftsman 650 series comes packed with features that enhance usability and effectiveness:

- **Powerful Engine:** The mower typically features a reliable engine that provides ample cutting power for dense grass.
- **Adjustable Cutting Heights:** Users can choose from multiple cutting heights to achieve the desired lawn length.
- **Easy Start Mechanism:** Many models include a simple starting system, reducing the frustration often associated with lawn mower startups.
- **Durable Construction:** Built with high-quality materials, the mower is designed to withstand the rigors of regular use.

## Importance of the Owner's Manual

The owner's manual serves as a comprehensive guide for operating and maintaining your Craftsman 650 series lawn mower. It covers everything from assembly to troubleshooting, ensuring that users can maximize the mower's potential.

## What You'll Find in the Owner's Manual

The Craftsman 650 series lawn mower owners manual includes several critical sections:

1. **Safety Information:** This section outlines essential safety precautions to prevent accidents during operation. It includes information about protective gear and safe mowing practices.
2. **Assembly Instructions:** For first-time users, the manual provides step-by-step instructions on how to assemble the mower properly.
3. **Operating Instructions:** Detailed guidelines on how to start, operate, and stop the mower are provided to ensure efficient use.
4. **Maintenance Guidelines:** Regular maintenance is crucial for the longevity of your mower. The manual includes schedules and procedures for oil changes, blade sharpening, and other essential upkeep tasks.

5. Troubleshooting Tips: If you encounter issues while operating the mower, the troubleshooting section will help you identify and resolve common problems.

6. Parts List: A comprehensive list of parts and accessories compatible with the Craftsman 650 series allows users to order replacements with ease.

## **Safety Precautions**

Safety should always be the top priority when operating any lawn mower. The Craftsman 650 series lawn mower owners manual emphasizes several safety precautions:

- Wear Protective Gear: Always wear safety glasses, sturdy shoes, and long pants while mowing.
- Inspect the Area: Before mowing, check the yard for debris, rocks, or other objects that could damage the mower or cause injury.
- Avoid Wet Grass: Mowing wet grass can lead to slips and falls, as well as clumps of grass clogging the mower.
- Never Override Safety Features: The mower is equipped with safety features designed to prevent accidents. Always ensure these features are functional and never bypass them.

## **Maintenance Tips for Longevity**

Proper maintenance is vital for the optimal performance of your Craftsman 650 series lawn mower. The owner's manual provides a detailed maintenance schedule, but here are some general tips:

### **Regular Oil Changes**

Changing the oil regularly is crucial for engine health. Follow these steps:

1. Check Oil Level: Use the dipstick to monitor oil levels before each use.
2. Drain Old Oil: Warm the engine slightly and drain the old oil into a suitable container.
3. Add New Oil: Refill with the recommended type and amount of oil.

### **Blade Maintenance**

Sharp blades provide a cleaner cut and promote healthier grass. To maintain the blades:

- Inspect Regularly: Check for dents or dullness after every few uses.
- Sharpen as Needed: Use a sharpening tool or take them to a professional.
- Replace if Damaged: If blades are excessively worn or damaged, replace them to ensure optimal performance.

# Cleaning the Mower

Keeping your mower clean prevents rust and maintains efficiency. Here's how to clean:

1. Disconnect the Spark Plug: Always disconnect the spark plug before cleaning to avoid accidental starts.
2. Scrape Under the Deck: Remove grass clippings and debris that accumulate under the deck using a putty knife or scraper.
3. Wipe Down Surfaces: Use a damp cloth to clean the exterior and controls.

# Troubleshooting Common Problems

Even the best lawn mowers can experience issues. The owner's manual provides troubleshooting tips for some common problems:

## Engine Won't Start

If the engine fails to start, consider these checks:

- Fuel Level: Ensure there is enough fuel in the tank.
- Choke Position: Make sure the choke is in the correct position for starting.
- Battery Condition: Check if the battery is charged (if applicable).

## Mower Is Not Cutting Well

If the mower isn't cutting grass effectively, try the following:

- Check Blade Sharpness: Dull blades need sharpening.
- Adjust Cutting Height: Ensure the cutting height is appropriate for the grass type.
- Inspect for Blockages: Clear any grass clippings or debris that may be clogging the deck.

## Conclusion

The **Craftsman 650 series lawn mower owners manual** is an invaluable tool for anyone looking to maintain their mower effectively. By following the guidelines outlined in the manual, you can ensure safe operation, proper maintenance, and troubleshooting techniques that will keep your mower running smoothly for years to come. Regular attention and care will not only enhance the performance of your mower but also contribute to a healthier, more beautiful lawn.

# **Frequently Asked Questions**

## **Where can I find the owner's manual for the Craftsman 650 Series lawn mower?**

You can often find the owner's manual for the Craftsman 650 Series lawn mower on the official Craftsman website under the 'Support' or 'Manuals' section. Alternatively, you may find it on third-party sites that archive manuals.

## **What are the key maintenance tips included in the Craftsman 650 Series owner's manual?**

The owner's manual typically includes key maintenance tips such as regularly checking and changing the oil, cleaning or replacing the air filter, sharpening the blades, and checking tire pressure for optimal performance.

## **How do I troubleshoot common issues with the Craftsman 650 Series lawn mower?**

Common troubleshooting steps include checking the fuel level, inspecting the spark plug, ensuring the battery is charged, and verifying that the mower is not clogged with grass or debris. The owner's manual provides detailed troubleshooting guidance for specific issues.

## **What safety precautions should I follow according to the Craftsman 650 Series owner's manual?**

Safety precautions include wearing appropriate footwear, avoiding mowing in wet conditions, keeping bystanders away while mowing, and ensuring that all guards and safety features are in place before operation.

## **Are there specific operating instructions for starting the Craftsman 650 Series lawn mower?**

Yes, the owner's manual includes specific operating instructions that typically involve ensuring the mower is in neutral, setting the throttle, and using the safety features to start the engine properly.

## **How can I obtain replacement parts for my Craftsman 650 Series lawn mower as mentioned in the owner's manual?**

You can obtain replacement parts through the official Craftsman website, authorized dealers, or local hardware stores. The owner's manual often provides part numbers and recommended suppliers for easier ordering.

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