

craftsman lawn mower model 247 manual

craftsman lawn mower model 247 manual is an essential resource for owners and users of this specific lawn mower model. This manual provides detailed instructions on operation, maintenance, troubleshooting, and parts identification, ensuring the mower performs efficiently and lasts longer. Understanding the contents and proper use of the Craftsman lawn mower model 247 manual can help users maximize the mower's capabilities and avoid common issues. This article covers the key features of the manual, step-by-step maintenance guidance, safety information, and tips for troubleshooting common problems. By referencing this guide, users will gain valuable knowledge necessary for effective lawn care and mower upkeep.

- Overview of Craftsman Lawn Mower Model 247 Manual
- Operating Instructions
- Maintenance and Care
- Safety Precautions
- Troubleshooting Common Issues
- Parts Identification and Replacement

Overview of Craftsman Lawn Mower Model 247 Manual

The Craftsman lawn mower model 247 manual is designed to provide comprehensive guidance for users of this specific mower. It includes detailed specifications, operating instructions, and maintenance schedules tailored to the features of the model. This manual typically covers engine type, cutting width, and adjustment settings, helping users understand the mower's capabilities. It also provides diagrams and illustrations that clarify component locations and assembly procedures. By following the manual, users can ensure optimal performance and safety during lawn mowing tasks.

Purpose and Importance

The manual serves as a primary reference for proper usage and care, preventing misuse that can lead to damage or injury. It enables users to perform routine maintenance, identify necessary repairs, and understand safety protocols. This authoritative document is crucial for prolonging the lifespan of the mower and maintaining effective cutting performance.

What to Expect in the Manual

Key sections include operating instructions, maintenance checklists, safety warnings, troubleshooting guides, and parts diagrams. Each section is

designed to be clear and easy to follow, often accompanied by illustrations for better comprehension. The manual is a valuable tool for both novice and experienced users of the Craftsman lawn mower model 247.

Operating Instructions

Proper operation is fundamental to the performance and longevity of the Craftsman lawn mower model 247. The manual provides step-by-step instructions to start, operate, and shut down the mower safely and efficiently. Understanding these procedures helps prevent damage to the mower and ensures effective lawn mowing.

Starting the Mower

Before starting, check fuel and oil levels to ensure the mower is ready for use. The manual outlines the correct sequence for engaging the throttle, choke, and ignition. It also highlights the importance of operating the mower on a flat surface for initial startup to avoid accidents.

Adjusting Cutting Height

The cutting height adjustment is an important feature covered in the manual. Users are instructed on how to use the height adjustment lever or knob to set the desired grass cutting length. Proper adjustment ensures a clean cut and prevents scalping or uneven mowing.

Shutting Down the Mower

To safely turn off the mower, the manual advises releasing the throttle and ignition switch in a specific order. Proper shutdown helps avoid engine flooding and prepares the mower for safe storage or maintenance.

Maintenance and Care

Regular maintenance is critical to sustaining the performance and reliability of the Craftsman lawn mower model 247. The manual provides detailed maintenance schedules and procedures to keep the mower in optimal condition. Following these recommendations reduces wear and tear and extends the mower's service life.

Routine Maintenance Tasks

- Checking and changing engine oil
- Cleaning or replacing the air filter
- Sharpening or replacing the mower blade
- Inspecting and tightening bolts and fasteners

- Cleaning the mower deck to prevent grass buildup

Each task is explained with step-by-step instructions and safety tips to ensure proper execution.

Seasonal Maintenance

The manual also covers maintenance tasks that should be performed at the beginning and end of the mowing season. These include fuel system inspection, spark plug replacement, and lubrication of moving parts. Seasonal care helps prepare the mower for extended storage and ensures a smooth start for the next mowing season.

Safety Precautions

Safety is a paramount concern when operating any lawn mower, and the Craftsman lawn mower model 247 manual emphasizes critical safety guidelines. These precautions help prevent accidents, injuries, and equipment damage.

Personal Safety

The manual advises operators to wear appropriate protective gear such as sturdy shoes, eye protection, and hearing protection. It warns against wearing loose clothing that could get caught in moving parts. Additionally, users are reminded to keep children and pets away from the mowing area.

Operational Safety

Specific warnings include avoiding mowing on steep slopes, never removing safety guards or shields, and refraining from operating the mower in poor visibility or wet conditions. The manual also stresses the importance of turning off the engine before making adjustments or clearing debris.

Troubleshooting Common Issues

The Craftsman lawn mower model 247 manual includes a troubleshooting section that addresses frequent problems encountered during operation. This section helps users diagnose issues quickly and apply appropriate solutions without unnecessary service calls.

Engine Problems

If the engine fails to start or runs erratically, the manual suggests checking fuel quality, spark plug condition, and air filter cleanliness. It also provides guidance on carburetor adjustments and fuel line inspections.

Cutting Performance Issues

Poor cutting results may be caused by dull blades, incorrect cutting height, or clogged mower decks. The manual explains how to inspect and correct these problems to restore effective cutting performance.

Unusual Noises or Vibrations

Unusual sounds or vibrations often indicate loose or damaged components. The manual recommends inspecting blade mounting, engine mounts, and fasteners. It provides instructions for safely tightening or replacing parts as needed.

Parts Identification and Replacement

The manual features detailed parts diagrams and lists for the Craftsman lawn mower model 247. These resources assist users in identifying specific components and ordering correct replacement parts. Proper part identification is essential for effective repairs and maintenance.

Understanding Parts Diagrams

Parts diagrams illustrate the assembly of the mower and label key components such as the engine, blade, wheels, and control mechanisms. This visual aid simplifies the process of locating and understanding the function of each part.

Replacing Worn or Damaged Parts

The manual provides instructions for safely removing and installing parts that commonly require replacement. These include blades, belts, spark plugs, and air filters. Following the manual's guidance ensures correct installation and maintains mower integrity.

Ordering Genuine Craftsman Parts

Using genuine Craftsman parts is recommended to guarantee compatibility and durability. The manual advises users on how to reference part numbers and specifications when purchasing replacements to maintain optimal mower performance.

Frequently Asked Questions

Where can I find the Craftsman lawn mower model 247 manual online?

You can find the Craftsman lawn mower model 247 manual on the official Sears PartsDirect website, or by searching for 'Craftsman 247 lawn mower manual PDF' on trusted manual repository sites.

What information is included in the Craftsman lawn mower model 247 manual?

The manual typically includes assembly instructions, operating guidelines, maintenance tips, troubleshooting advice, parts diagrams, and safety warnings for the Craftsman 247 lawn mower.

How do I perform routine maintenance on the Craftsman lawn mower model 247?

Routine maintenance includes checking and changing the oil, cleaning or replacing the air filter, sharpening or replacing the blade, checking tire pressure, and inspecting the spark plug, all of which are detailed in the model 247 manual.

Can I download a free copy of the Craftsman lawn mower model 247 manual?

Yes, many websites offer free PDF downloads of the Craftsman lawn mower model 247 manual, including the official Sears PartsDirect site and various manual archive platforms.

How do I troubleshoot a starting issue with the Craftsman lawn mower model 247?

The manual provides troubleshooting steps such as checking the fuel supply, spark plug condition, air filter cleanliness, and ensuring the safety switch is engaged to fix starting issues.

What type of oil does the Craftsman lawn mower model 247 require?

The manual recommends using SAE 30 oil for general mowing conditions and SAE 10W-30 for cooler temperatures, but always refer to the manual for exact specifications.

Are replacement parts for Craftsman lawn mower model 247 available through the manual?

Yes, the manual includes detailed parts diagrams and part numbers, which can be used to order replacement parts from Sears PartsDirect or authorized dealers.

How do I adjust the cutting height on the Craftsman lawn mower model 247?

The manual explains how to adjust the cutting height by using the height adjustment lever or knob, which typically allows you to set the mower blade height to several positions for different grass lengths.

Additional Resources

1. *Comprehensive Guide to Craftsman Lawn Mower Model 247 Maintenance*

This book offers detailed instructions on maintaining and troubleshooting the Craftsman Lawn Mower Model 247. It covers routine care, parts replacement, and common mechanical issues. Ideal for both beginners and experienced users, the guide ensures your mower runs smoothly year-round.

2. *DIY Repairs for Craftsman Model 247 Lawn Mowers*

A practical manual focused on do-it-yourself repair techniques for the Craftsman Model 247. It includes step-by-step guides with clear illustrations to help you fix engine problems, blade sharpening, and electrical issues. Save money and extend the life of your mower with these expert tips.

3. *The Complete Craftsman Lawn Mower Model 247 Owner's Manual*

This comprehensive manual provides all the essential information for operating the Craftsman 247 lawn mower safely and efficiently. It includes assembly instructions, safety precautions, and detailed part diagrams. A must-have reference for every Craftsman mower owner.

4. *Engine Troubleshooting and Repair for Craftsman Lawnmowers*

Focused specifically on engine issues, this book helps diagnose and repair common engine problems found in Craftsman lawn mowers, including model 247. It explains the mechanics behind the engine and offers maintenance advice to prevent breakdowns. Perfect for hobbyists and professional technicians alike.

5. *Seasonal Care and Storage Tips for Craftsman Lawn Mower Model 247*

Learn how to properly prepare your Craftsman Model 247 lawn mower for seasonal changes with this detailed guide. It explains how to clean, lubricate, and store your mower to maximize longevity and performance. Includes checklists and preventive maintenance schedules.

6. *Replacing Parts on Your Craftsman Model 247 Lawn Mower*

This book focuses on identifying, sourcing, and replacing worn or broken parts in the Craftsman 247 model. It features detailed illustrations and part numbers to streamline the repair process. A valuable resource for owners looking to keep their mower in top condition without professional help.

7. *Safety First: Operating Your Craftsman Lawn Mower Model 247*

Safety is paramount when using lawn equipment. This guide emphasizes correct operational procedures, personal protective equipment, and emergency measures specifically for the Craftsman Model 247. It aims to reduce accidents and promote responsible mower usage.

8. *Optimizing Performance: Upgrades and Modifications for Craftsman Model 247*

Discover how to enhance the performance and efficiency of your Craftsman 247 lawn mower through approved upgrades and modifications. This book covers blade options, engine tuning, and accessory add-ons to improve mowing results. Suitable for users wanting to customize their mower.

9. *Craftsman Lawn Mower Model 247: Troubleshooting and Problem Solving*

A troubleshooting handbook that walks you through diagnosing and fixing a wide range of issues with the Craftsman Model 247 lawn mower. It includes flowcharts, symptom checklists, and repair tips to quickly identify problems. Essential for anyone looking to minimize downtime and repair costs.

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