

craftsman snowblower model 247 manual

craftsman snowblower model 247 manual is an essential resource for owners and operators of this reliable snow removal machine. This manual provides comprehensive guidance on operation, maintenance, troubleshooting, and safety precautions, ensuring optimal performance and longevity of the snowblower. Understanding the detailed instructions and specifications included in the Craftsman Snowblower Model 247 manual helps users to efficiently clear snow and avoid common mechanical issues. Whether preparing the machine for winter use or performing routine maintenance, consulting the manual is crucial. This article covers key aspects of the Craftsman Snowblower Model 247 manual, including its features, operational guidelines, maintenance tips, troubleshooting techniques, and safety instructions. The following sections will serve as a detailed table of contents for easy navigation through the manual's essential topics.

- Overview of Craftsman Snowblower Model 247
- Operating Instructions
- Maintenance and Care
- Troubleshooting Common Issues
- Safety Guidelines and Precautions

Overview of Craftsman Snowblower Model 247

The Craftsman Snowblower Model 247 is designed for efficient snow removal with user-friendly features and robust construction. This two-stage snowblower combines power and maneuverability, making it suitable for residential and light commercial use. The model includes a reliable engine, adjustable chute, and durable auger system, which work together to clear snow quickly and effectively. The manual provides detailed technical specifications, including engine capacity, fuel requirements, and component descriptions to help users understand their machine better.

Key Features and Specifications

The manual lists the primary features and specifications of the Craftsman Snowblower Model 247, which include:

- Engine type and horsepower rating
- Clearing width and intake height
- Two-stage auger and impeller design for efficient snow discharge
- Adjustable chute for directional snow throwing

- Multiple speed settings for forward and reverse movement
- Safety mechanisms incorporated in the design

Intended Use and Performance

This model is engineered to handle moderate to heavy snowfall in various environments, including driveways, sidewalks, and small parking lots. The Craftsman Snowblower Model 247 manual emphasizes its performance capabilities, such as the ability to throw snow up to several feet away and operate reliably in low temperatures. Understanding the intended use ensures that operators apply the machine correctly and maintain it according to recommended standards.

Operating Instructions

Proper operation of the Craftsman Snowblower Model 247 is critical for safety and efficiency. The manual provides step-by-step instructions on starting, running, and stopping the snowblower. It also offers guidance on adjusting settings to match snow conditions and terrain type. Familiarity with these instructions reduces the risk of damage to the equipment and enhances snow removal effectiveness.

Starting the Snowblower

The manual outlines the correct procedure for starting the engine, including fuel checks, choke settings, and safety interlock engagement. It stresses the importance of using fresh fuel and maintaining the correct oil level. The step-by-step startup process ensures that the engine runs smoothly and reliably during operation.

Operating Controls and Adjustments

The Craftsman Snowblower Model 247 manual details all operational controls, such as throttle, auger engagement, drive lever, and chute direction control. Users are instructed on how to adjust these controls to optimize snow clearing, including how to change speeds and reverse direction safely. Proper control use maximizes the machine's efficiency and reduces operator fatigue.

Shutting Down the Snowblower

Instructions for safely shutting down the snowblower include disengaging the auger and drive systems, turning off the engine, and performing post-operation checks. Following these steps helps prevent mechanical issues and prepares the snowblower for storage or subsequent use.

Maintenance and Care

Regular maintenance is essential for the longevity and reliability of the Craftsman Snowblower Model 247. The manual provides a maintenance schedule and detailed procedures for routine tasks such as oil changes, spark plug replacement, and belt inspections. Proper care prevents breakdowns and maintains peak performance during the snow season.

Routine Maintenance Tasks

The Craftsman Snowblower Model 247 manual recommends several routine maintenance activities, including:

- Checking and changing engine oil at specified intervals
- Inspecting and cleaning the spark plug
- Lubricating moving parts such as the auger and chute rotation
- Checking and tightening belts and fasteners
- Inspecting skid shoes and scraper blades for wear
- Clearing debris buildup from the intake and discharge areas

Seasonal Maintenance and Storage

Before storing the snowblower for the off-season, the manual advises draining the fuel, cleaning the machine thoroughly, and inspecting all components for damage. Proper seasonal maintenance prevents corrosion and mechanical deterioration. Additionally, the manual outlines steps to prepare the snowblower for winter use after storage, ensuring reliable startup and operation.

Troubleshooting Common Issues

The Craftsman Snowblower Model 247 manual includes a comprehensive troubleshooting section that addresses common operational problems. This section aids users in diagnosing and resolving issues quickly without the need for professional service, saving time and expense.

Engine Starting Problems

If the snowblower fails to start or experiences difficulty during startup, the manual suggests checking fuel quality, spark plug condition, choke setting, and carburetor function. It provides step-by-step diagnostics to isolate the cause and recommended remedies.

Auger and Drive Malfunctions

Issues with the auger not rotating or the snowblower failing to move may stem from belt slippage, worn components, or control linkage problems. The troubleshooting guide assists users in inspecting these parts and performing necessary adjustments or replacements.

Excessive Vibration or Noise

Unusual vibrations or noises during operation can indicate loose fasteners, damaged auger blades, or engine problems. The manual instructs how to identify the source and take corrective action to maintain safe and smooth operation.

Safety Guidelines and Precautions

Safety is a paramount concern when operating the Craftsman Snowblower Model 247. The manual dedicates a section to outlining precautions to prevent accidents and injuries. Adhering to these safety guidelines protects both the operator and bystanders during snow removal activities.

Personal Safety Measures

The manual advises wearing appropriate clothing, including non-slip footwear and eye protection. It emphasizes never operating the snowblower without proper guards and shields in place. Users should also avoid loose clothing that could become entangled in moving parts.

Operational Safety Tips

Key operational safety tips include:

- Clearing the area of debris before starting snow removal
- Never attempting to clear clogged chutes with hands; using a clearing tool instead
- Keeping children and pets away from the operating area
- Avoiding operation on steep slopes to prevent tipping
- Operating the machine only in well-lit conditions

Emergency Procedures

The manual instructs on emergency shutdown procedures and how to respond to mechanical failures or accidents. These protocols ensure that users can quickly stop the machine and seek assistance if necessary, minimizing hazard risks.

Frequently Asked Questions

Where can I find the Craftsman snowblower model 247 manual online?

You can find the Craftsman snowblower model 247 manual on the official Sears PartsDirect website or other manual repository sites by searching for the specific model number.

What are the key maintenance tips from the Craftsman snowblower model 247 manual?

Key maintenance tips include regular engine oil changes, checking and replacing spark plugs, cleaning the auger and chute, inspecting belts for wear, and lubricating moving parts as specified in the manual.

How do I troubleshoot common issues with the Craftsman snowblower model 247 according to the manual?

Common troubleshooting steps include checking fuel levels and quality, inspecting the spark plug, ensuring the auger and impeller are not jammed, and verifying that the drive belts are intact and properly tensioned, as outlined in the manual.

What safety precautions does the Craftsman snowblower model 247 manual recommend?

The manual advises wearing protective gear, keeping hands and feet away from moving parts, operating the machine only in well-lit conditions, turning off the engine before clearing jams, and never leaving the snowblower unattended while running.

How do I assemble the Craftsman snowblower model 247 using the manual?

Assembly instructions include attaching the handlebar, installing the auger and impeller components, connecting the chute, adjusting control cables, and performing an initial safety check, all detailed step-by-step in the manual with diagrams.

Additional Resources

1. *Comprehensive Guide to Craftsman Snowblower Model 247 Maintenance*

This book offers detailed instructions on maintaining and troubleshooting the Craftsman Snowblower Model 247. It covers routine care, parts replacement, and common issues to keep your snowblower running efficiently throughout the winter. Illustrated diagrams help users understand complex components and repair techniques.

2. *Snowblower Repair Manual: Craftsman Model 247 Edition*

Designed specifically for the Craftsman Model 247, this repair manual provides step-by-step guidance on diagnosing and fixing mechanical problems. It includes tips on engine tune-ups, belt replacements, and auger repairs, making it an essential resource for DIY enthusiasts.

3. The Essential Craftsman Snowblower Owner's Handbook

This handbook addresses everything a Craftsman snowblower owner needs to know, from initial setup to seasonal storage. It emphasizes safety practices and offers troubleshooting advice tailored to the Model 247. Clear instructions make it accessible for both beginners and experienced users.

4. Winter Equipment Maintenance: Focus on Craftsman Snowblower Model 247

This book focuses on the care and upkeep of winter machinery, with a special section dedicated to the Craftsman Model 247 snowblower. It discusses preventive maintenance routines, fuel system care, and winterizing tips to prolong the lifespan of your equipment.

5. DIY Snowblower Repair for Craftsman Model 247

A practical guide for homeowners who prefer to handle their own repairs, this book breaks down common fixes for the Craftsman Model 247 snowblower. It includes troubleshooting charts, tool recommendations, and safety guidelines, empowering users to save money and time on professional services.

6. Understanding Snowblower Engines: Craftsman Model 247 Insights

Delving into the mechanics of the Model 247's engine, this book helps readers understand how their snowblower operates. It explains engine components, performance optimization, and fuel management, aiding users in maximizing their machine's efficiency.

7. Craftsman Snowblower Model 247 Parts and Accessories Catalog

This catalog provides a comprehensive listing of parts and accessories compatible with the Craftsman Model 247 snowblower. It includes part numbers, descriptions, and installation tips, making it easier to find and replace components as needed.

8. Seasonal Snowblower Care: A Craftsman Model 247 Approach

Focused on the seasonal aspects of snowblower use, this book guides owners through pre-winter preparation and post-winter storage specific to the Model 247. It highlights corrosion prevention, lubrication, and battery maintenance to ensure readiness for each snowfall.

9. Troubleshooting Common Issues in Craftsman Snowblower Model 247

This troubleshooting manual identifies frequent problems encountered by Model 247 users and provides practical solutions. From starting difficulties to chute blockages, the book offers clear, concise advice to quickly get your snowblower back in operation.

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