

Stens 205-712

Stens Drive Wheel 205-712: Installation and Maintenance Manual

INTRODUCTION

This manual provides essential information for the Stens Drive Wheel model 205-712. It covers product specifications, compatibility, installation procedures, and maintenance guidelines to ensure proper function and longevity of the drive wheel. Please read this manual thoroughly before installation and use.

PRODUCT OVERVIEW AND SPECIFICATIONS

The Stens Drive Wheel 205-712 is a replacement part designed for specific lawn mower models. It features a durable plastic construction with a bar tread for effective traction.



Image 1: Front view of the Stens Drive Wheel 205-712, highlighting the black bar tread and the gray hub. This view shows the exterior design of the wheel.

Key Specifications:

- **Description:** Drive Wheel
- **Model Number:** 205-712
- **Wheel Size:** 8 x 2 inches (Diameter x Width)
- **Tread Type:** Bar
- **Hub Offset:** 1 3/8 inches
- **Bore Size:** 1/2 inch
- **Hub Color:** Gray
- **Teeth:** 53 teeth (internal gear)
- **Material:** Plastic
- **Product Dimensions:** 8 x 8 x 2.5 inches
- **Item Weight:** 2 Pounds

- **UPC:** 023899497539



Image 2: Rear view of the Stens Drive Wheel 205-712, illustrating the internal gear teeth and the structural design of the hub. This view is important for verifying compatibility with the mower's drive system.

COMPATIBILITY

The Stens Drive Wheel 205-712 is designed as a replacement for the following OEM part numbers and compatible with the listed lawn mower models. Always verify the part fits your specific model before purchasing and installation.

Replaces OEM Numbers:

- **MTD:** 734-04018, 734-04018A, 734-04018B, 734-04018C
- **Troy-Bilt:** 734-04018, 734-04018A, 734-04018B, 734-04018C

Compatible With / Replacement For:

- **MTD:** 12AV569Q597

- **Troy-Bilt:** 12A-466A711, 12A-469R766, 12AF569O7111, 12AF569O766

INSTALLATION (SETUP)

Replacing a drive wheel typically involves basic tools and safety precautions. Refer to your lawn mower's specific owner's manual for detailed instructions and safety warnings. The following are general steps:

Safety Precautions:

- Always disconnect the spark plug wire before performing any maintenance or installation to prevent accidental starting.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the mower is on a stable, level surface.

Tools You May Need:

- Wrench or socket set
- Screwdriver
- Wire brush or sandpaper (for cleaning axle)
- Grease (optional, for axle lubrication)

Installation Steps:

1. **Prepare the Mower:** Disconnect the spark plug wire. Tilt the mower onto its side (carburetor side up to prevent fuel leakage) or lift it securely to access the wheel.
2. **Remove the Old Wheel:** Locate the retaining nut or bolt holding the old wheel to the axle. Use the appropriate wrench or socket to loosen and remove it. Carefully pull the old wheel off the axle.
3. **Clean the Axle:** Use a wire brush or sandpaper to clean any rust, dirt, or debris from the axle shaft. This ensures a smooth fit for the new wheel. Applying a thin layer of grease to the axle can aid future removal and prevent corrosion.
4. **Install the New Wheel:** Align the bore of the new Stens Drive Wheel 205-712 with the axle shaft. Slide the wheel onto the axle, ensuring the internal gear teeth (if applicable) engage correctly with the drive mechanism.
5. **Secure the Wheel:** Reinstall the retaining nut or bolt and tighten it securely. Do not overtighten, as this can damage the wheel or axle.
6. **Test Functionality:** Reconnect the spark plug wire. Carefully lower the mower. Test the wheel by manually rotating it and, if safe, briefly engaging the self-propel mechanism to ensure proper operation.

OPERATING

The Stens Drive Wheel 205-712 functions as a critical component of your self-propelled lawn mower's drive system. Once correctly installed, it works in conjunction with the mower's engine and transmission to provide traction and propel the mower forward. Ensure the wheel rotates freely and engages properly when the self-propel function is activated.

MAINTENANCE

Regular maintenance of your drive wheels can extend their lifespan and ensure optimal performance of your lawn mower.

- **Regular Cleaning:** After each use, remove grass clippings, dirt, and debris from around the wheels and axle area. Accumulated debris can hinder wheel rotation and damage the drive mechanism.
- **Inspect for Wear:** Periodically inspect the wheel tread for signs of excessive wear or damage. Worn treads can reduce traction. Check the hub area for cracks or damage.
- **Check Fasteners:** Ensure the wheel retaining nut or bolt remains tight. Loose fasteners can lead to wobbly wheels or detachment.
- **Axle Lubrication:** If your mower's manual recommends it, apply a small amount of grease to the axle shaft annually to prevent rust and ensure smooth operation.

TROUBLESHOOTING

If you encounter issues with your drive wheel, consider the following common problems and solutions:

- **Wheel Not Turning or Poor Traction:**
 - Check for excessive grass clippings or debris wrapped around the axle or inside the wheel hub.
 - Inspect the internal gear teeth for wear or damage.
 - Ensure the wheel is securely fastened and not loose on the axle.
 - Verify that the mower's drive belt and transmission are functioning correctly (refer to your mower's manual).
- **Wobbly Wheel:**
 - Tighten the retaining nut or bolt.
 - Inspect the wheel hub for cracks or damage that might cause instability.

If problems persist after performing these checks, consult your lawn mower's service manual or contact a qualified service technician.

WARRANTY

Warranty information for Stens products is typically provided by the manufacturer. Please refer to the official Stens website or contact Stens customer support directly for details regarding the warranty period and terms for the 205-712 drive wheel.

SUPPORT

For technical assistance, replacement parts inquiries, or any other support needs related to your Stens Drive Wheel 205-712, please contact Stens customer support through their official channels. You may find contact information on the Stens website or product packaging.

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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

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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