

CRAFTSMAN 584465301

CRAFTSMAN 584465301 Rear Wheel Instruction Manual

Model: 584465301

INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your CRAFTSMAN 584465301 Rear Wheel. This 8-inch by 1.75-inch wheel is a genuine OEM replacement part designed for specific CRAFTSMAN lawn mower models. Adhering to these instructions will help ensure the longevity and correct function of the wheel.

SAFETY INFORMATION

Always prioritize safety when working with power equipment and replacement parts. Failure to follow safety guidelines can result in injury or damage to equipment.

- **Disconnect Power:** Before performing any installation or maintenance, ensure the lawn mower's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and eye protection, to prevent injury from sharp edges or debris.
- **Use Correct Tools:** Employ the proper tools for the task. Using incorrect tools can damage fasteners or components and lead to injury.
- **Secure the Mower:** When elevating the mower for access to the wheels, ensure it is stable and securely supported to prevent it from falling.
- **Read Mower Manual:** Refer to your specific lawn mower's owner's manual for additional safety precautions and detailed instructions relevant to your model.

PRODUCT OVERVIEW

The CRAFTSMAN 584465301 Rear Wheel is an 8-inch diameter, 1.75-inch wide replacement wheel designed for the rear axle of compatible CRAFTSMAN lawn mowers. It features a durable plastic construction and a tread pattern optimized for traction on various lawn surfaces.



Image: CRAFTSMAN 584465301 Rear Wheel. This image displays a single wheel with a black rubber tread and a white plastic hub, designed for lawn mower applications.

COMPATIBILITY

This replacement wheel is compatible with a wide range of CRAFTSMAN lawn mower models. Verify your mower's model number against the list below to ensure proper fitment. This wheel replaces part number 400246X427.

Compatible CRAFTSMAN Models:

- 917371600, 917370610, 917253401, 917253431, 917253432, 917253450, 917253400, 917254380, 917370660, 917370661, 917370840, 917374010, 917374011, 917374020, 917374030, 917374031, 917370530, 917370540, 917370710, 917370711, 917370714, 917370741, 917370771, 917371230, 917371541, 917371601, 917371602, 917371610, 917371670, 917371671, 917374150, 917374170, 917376220, 917376221, 917376222, 917376223, 917376224, 917376225, 917376240, 917376241, 917376242, 917376051, 917376052, 917376071, 917376156, 917376451, 917376452, 917376650, 917376651, 917376652, 917376653, 917376654, 917376655, 917376656, 917376657, 917376658,

INSTALLATION INSTRUCTIONS

Follow these steps to replace a rear wheel on your CRAFTSMAN lawn mower. Always refer to your mower's specific manual for any model-specific instructions.

- 1. Prepare the Mower:** Ensure the lawn mower is turned off, the engine is cool, and the spark plug wire is disconnected. Place the mower on a flat, stable surface.
- 2. Elevate the Mower:** Carefully tilt the mower onto its side, ensuring the carburetor and air filter are facing upwards to prevent fuel or oil leaks. Alternatively, use a sturdy jack or blocks to elevate the rear of the mower, ensuring it is stable.
- 3. Remove the Old Wheel:** Locate the nut or bolt securing the old wheel to the axle. Use an appropriate wrench or socket to loosen and remove the fastener. Carefully pull the old wheel off the axle. Note the orientation of any washers or spacers.
- 4. Inspect the Axle:** Clean any debris from the axle and inspect it for damage or wear. Ensure the axle is free of rust or obstructions that could hinder the new wheel's installation.
- 5. Install the New Wheel:** Slide the new CRAFTSMAN 584465301 Rear Wheel onto the axle, ensuring any washers or spacers are correctly positioned. Align the wheel's hub with the axle.
- 6. Secure the Wheel:** Reinstall the nut or bolt that secures the wheel to the axle. Tighten the fastener firmly, but do not overtighten, as this can damage the wheel or axle. Ensure the wheel spins freely without excessive wobble.
- 7. Lower and Test:** Carefully lower the mower back to its operating position. Reconnect the spark plug wire. Start the mower and test the wheel's function by engaging the drive (if applicable) and observing its rotation.

MAINTENANCE

Regular maintenance helps extend the life of your lawn mower wheels and ensures optimal performance.

- Clean Regularly:** After each use, remove grass clippings, dirt, and debris from around the wheels and axles. Accumulated debris can hinder rotation and cause premature wear.
- Inspect for Wear:** Periodically check the wheel's tread for signs of wear, cracks, or damage. Inspect the hub for any looseness or damage.
- Check Fasteners:** Ensure the wheel's retaining nut or bolt remains tight. Loose fasteners can lead to wobbling and accelerated wear.
- Lubrication:** Some axles may benefit from light lubrication. Consult your mower's manual for specific lubrication recommendations for the wheel axle area.
- Storage:** Store your lawn mower in a clean, dry area to prevent rust and degradation of wheel materials.

TROUBLESHOOTING

If you encounter issues with your CRAFTSMAN rear wheel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Wheel does not turn freely	Debris caught in axle area; Overtightened fastener; Damaged axle or wheel hub.	Clean debris; Loosen fastener slightly; Inspect and replace damaged parts.

Problem	Possible Cause	Solution
Wheel wobbles excessively	Loose fastener; Damaged wheel hub or axle; Incorrectly installed spacers.	Tighten fastener; Inspect and replace damaged parts; Reinstall wheel correctly.
Wheel wears prematurely	Operating on abrasive surfaces; Misaligned axle; Excessive load; Manufacturing defect.	Avoid harsh conditions; Check axle alignment; Do not overload mower; Contact support if defect suspected.
Difficulty installing wheel	Incorrect part; Debris on axle; Damaged axle.	Verify model compatibility; Clean axle thoroughly; Inspect axle for damage.

SPECIFICATIONS

Key technical specifications for the CRAFTSMAN 584465301 Rear Wheel:

- **Model Number:** 584465301
- **Part Number Replaced:** 400246X427
- **Wheel Diameter:** 8 inches
- **Rim Width:** 1.75 inches
- **Material:** Plastic
- **Item Weight:** Approximately 1.25 pounds (20 ounces)
- **Vehicle Service Type:** Lawn Mower
- **Automotive Fit Type:** Vehicle Specific Fit

WARRANTY AND SUPPORT

For warranty information regarding your CRAFTSMAN 584465301 Rear Wheel, please refer to the documentation provided with your original lawn mower or contact CRAFTSMAN customer support directly. Details regarding specific warranty periods and coverage can typically be found on the manufacturer's official website or by contacting their service department. For technical assistance or further inquiries, please reach out to CRAFTSMAN customer service.

CRAFTSMAN Support: For the most current support contact information, please visit the official CRAFTSMAN website or refer to your product's packaging.