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Toro 140-2350

Toro 140-2350 Rear Drive Wheel Instruction Manual

MODEL: 140-2350

1. Overview

This manual provides essential information for the proper installation, operation, and maintenance of the Genuine OEM Toro 140-2350 Rear Drive Wheel. This component is designed for specific Toro Recycler Lawn Mower models to ensure optimal performance and compatibility. Adhering to these instructions will help maintain the longevity and efficiency of your lawn mower's drive system.

2. Product Compatibility

The Toro 140-2350 Rear Drive Wheel is an Original Equipment Manufacturer (OEM) part designed for direct replacement in the following Toro lawn mower models:

- Toro Flex-Force Power Recycler 21 inch
- Toro Flex-Force Power Recycler 22 inch
- Toro Recycler 21 inch Rear Bagger (Models: 21462, 21464, 21465, 21466, 21466T, 21468, 21472)
- Toro Recycler 22 inch Rear Bagger (Models: 21771, 21772, 21773, 21774, 21864)
- Toro Recycler 22 inch Rear Bagger BBC
- Toro Recycler S53VST Rear Bagger
- Toro Recycler S55AWST Rear Bagger

Always refer to your original equipment owner's manual to verify compatibility with your specific mower model before installation.

3. Installation Guide

Safety First: Before beginning any installation, ensure the lawn mower engine is off, the spark plug wire is disconnected, and the mower is stable on a flat surface. Wear appropriate safety gear, such as gloves and eye protection.

1. **Prepare the Mower:** Disconnect the spark plug wire to prevent accidental starting. Tilt the mower onto

its side with the carburetor facing up to prevent fuel leakage.

2. **Remove Old Wheel:** Locate the rear drive wheel that needs replacement. Depending on your mower model, you may need to remove a hubcap or retaining clip. Use a wrench or socket to loosen and remove the bolt or nut securing the wheel to the axle. Carefully pull the old wheel off the axle.
3. **Inspect Axle and Drive Gear:** Before installing the new wheel, inspect the axle for any damage or debris. Ensure the drive gear on the mower's transmission is clean and free of wear.
4. **Install New Wheel:** Align the new Toro 140-2350 Rear Drive Wheel with the axle. Ensure the internal gear of the wheel properly engages with the drive gear on the mower. Slide the wheel onto the axle until it is fully seated.
5. **Secure Wheel:** Reinstall the bolt or nut that secures the wheel to the axle. Tighten it firmly, but do not overtighten. If applicable, replace the hubcap or retaining clip.
6. **Test Functionality:** Reconnect the spark plug wire. Gently push the mower forward to ensure the new wheel rotates freely and the drive system engages correctly.



Image 1: Front view of the Toro 140-2350 Rear Drive Wheel. This image displays the outer tread pattern and the central hub of the wheel.



Image 2: Rear view of the Toro 140-2350 Rear Drive Wheel, showing the internal gear mechanism. This gear engages with the mower's transmission to provide self-propelled motion.

4. Operation

The rear drive wheel is a critical component of your self-propelled Toro Recycler lawn mower. It works in conjunction with the mower's transmission to provide traction and forward movement. When the drive system is engaged, the internal gear of the wheel meshes with the mower's drive gear, propelling the mower forward. Proper operation relies on the wheel's ability to grip the ground and the integrity of its internal gear.

5. Maintenance

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

- **Cleaning:** Periodically clean grass clippings, dirt, and debris from around the wheels and axles. Accumulated debris can hinder rotation and damage the drive mechanism.
- **Inspection:** Regularly inspect the wheel for signs of wear, cracks, or damage to the tread. Check the internal gear for worn or broken teeth. Inspect the axle and mounting hardware for looseness or corrosion.
- **Lubrication:** Consult your mower's owner's manual for specific lubrication requirements for the axles or drive components. Avoid lubricating the wheel's internal gear unless explicitly instructed, as it may attract dirt.
- **Storage:** When storing the mower for extended periods, ensure the wheels are clean and dry.

6. Troubleshooting

If you experience issues with your mower's drive system, consider the following common problems related to the rear drive wheel:

Problem	Possible Cause	Solution
Mower not self-propelling or poor traction	Worn wheel tread, damaged internal gear, debris in drive mechanism, loose wheel.	Inspect wheel tread and gear for wear; clean debris from drive area; ensure wheel is securely fastened. Replace wheel if tread or gear is significantly worn.
Wheel wobbles or makes unusual noise	Loose mounting bolt, damaged axle, worn wheel bearing (if applicable), damaged wheel.	Tighten mounting bolt; inspect axle for bends or damage; replace wheel if damaged or bearing is faulty.
Difficulty turning while self-propelling	Excessive force on drive system during turns, worn differential components (not wheel specific but related).	Reduce pressure on drive system during tight turns. Inspect internal wheel gear and mower's drive system for wear.

If troubleshooting steps do not resolve the issue, consult a qualified service technician or refer to your mower's comprehensive service manual.

7. Specifications

Feature	Specification
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Feature	Specification
Part Number	140-2350
Brand	Toro
Wheel Diameter	9.65 Inches (24.5 cm)
Vehicle Service Type	Lawn Mower
Item Weight	Approximately 10 pounds (4.5 kg)
Material	Durable composite with rubber tread

8. Warranty and Support

As an OEM part, the Toro 140-2350 Rear Drive Wheel is manufactured to Toro's quality standards. For specific warranty information regarding this part, please refer to the warranty documentation provided with your original Toro lawn mower or contact Toro customer support directly. Keep your purchase receipt for any warranty claims.

For further assistance or technical support, please visit the official Toro website or contact their customer service department.