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Ryobi RAC314

Ryobi RAC314 Replacement Blade Instruction Manual

For OGS1821 and OGS1822 Cordless Grass Shears

1. Introduction

This manual provides essential information for the safe and effective use and replacement of the Ryobi RAC314 replacement blade. This blade is specifically designed for use with Ryobi OGS1821 and OGS1822 cordless grass shears. Please read these instructions carefully before attempting to replace the blade to ensure proper installation and safe operation.

2. Safety Information

Always prioritize safety when handling sharp tools and performing maintenance. Failure to follow these safety guidelines may result in injury or damage to the tool.

- **Disconnect Power:** Before attempting any blade replacement or maintenance, always remove the battery pack from your Ryobi OGS1821 or OGS1822 grass shears to prevent accidental startup.
- **Wear Protective Gear:** Always wear heavy-duty work gloves when handling the blade to protect your hands from cuts. Safety glasses are also recommended.
- **Handle with Care:** The blade edges are extremely sharp. Avoid direct contact with the cutting edges.
- **Secure Work Area:** Ensure your work area is clean, well-lit, and free from distractions.
- **Use Correct Parts:** Only use genuine Ryobi replacement parts, such as the RAC314 blade, for your specific tool models (OGS1821, OGS1822).

3. Package Contents

The Ryobi RAC314 package typically includes the following item:

- 1 x Ryobi RAC314 Replacement Grass Shear Blade







Image 3.1: The Ryobi RAC314 replacement grass shear blade. This image shows the full blade assembly, ready for installation.

4. Setup and Installation (Blade Replacement)

Follow these steps to safely replace the blade on your Ryobi OGS1821 or OGS1822 cordless grass shears.

1. **Prepare the Tool:** Ensure the grass shear is turned off and the battery pack is removed. Place the tool on a stable, flat surface.
2. **Locate Blade Release Mechanism:** On the underside of the grass shear head, locate the blade release button or screws that secure the blade assembly. This typically involves a central screw or a quick-release lever.
3. **Remove Old Blade:**
   - If secured by a screw: Use an appropriate screwdriver to loosen and remove the screw holding the blade in place.
   - If quick-release: Engage the quick-release mechanism (e.g., press a button or slide a lever) to unlock the blade.

   Carefully lift and remove the old blade assembly. Dispose of the old blade responsibly.
4. **Clean the Blade Area:** Use a brush or cloth to remove any grass clippings, dirt, or debris from the blade mounting area on the tool.
5. **Install New Blade:**
   - Align the new Ryobi RAC314 replacement blade with the mounting points on the grass shear head. Ensure it sits flush and correctly engages with any drive pins or slots.
   - If secured by a screw: Insert and tighten the screw to secure the new blade. Do not overtighten.
   - If quick-release: Press the new blade firmly into place until the quick-release mechanism locks it securely.
6. **Verify Installation:** Gently tug on the blade to ensure it is firmly attached and does not wobble. The blade should rotate freely by hand (with the battery still removed).

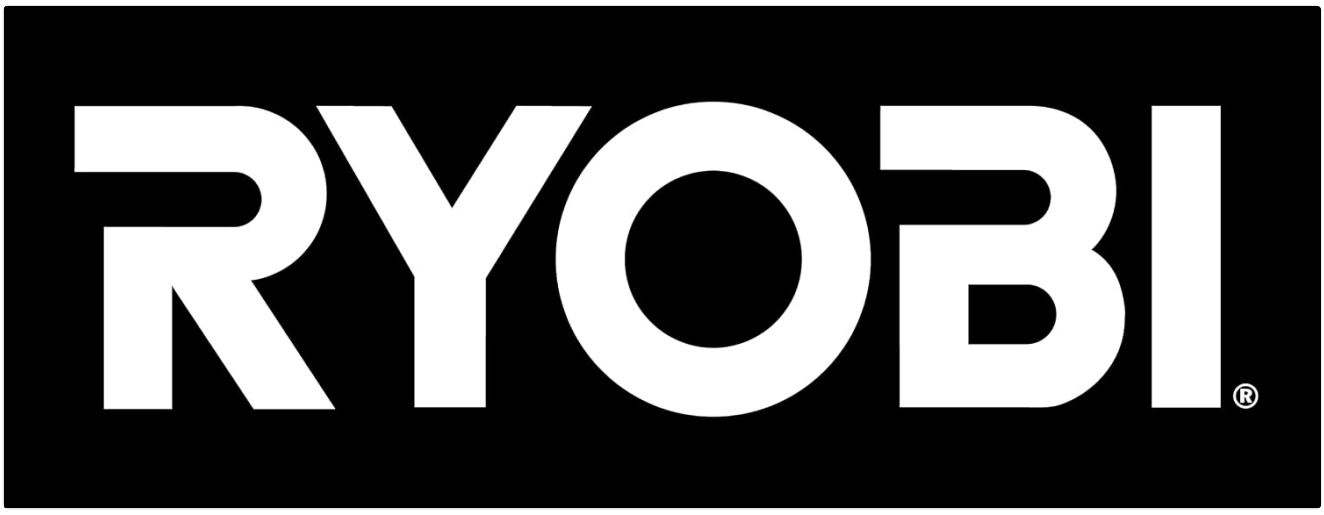


Image 4.1: Underside view of the Ryobi RAC314 blade, highlighting the central mounting point and alignment features for installation.



Image 4.2: A Ryobi cordless grass shear (compatible model) with the blade correctly installed and ready for use.

5. Operation

Once the Ryobi RAC314 replacement blade is correctly installed on your OGS1821 or OGS1822 cordless grass shears, you can resume normal operation. Ensure the battery is fully charged and properly inserted into the tool. Always follow the operating instructions provided with your original Ryobi grass shears for safe and effective use.

6. Maintenance

Proper maintenance extends the life of your blade and ensures optimal cutting performance.

- **Cleaning:** After each use, remove the battery and carefully clean the blade. Use a stiff brush to remove grass clippings and debris. A damp cloth can be used, but ensure the blade is thoroughly dried immediately afterward to prevent rust.
- **Lubrication:** Apply a light coat of machine oil or silicone spray to the blade after cleaning and drying to protect it from corrosion and ensure smooth operation.
- **Storage:** Store the grass shears with the blade attached in a dry, secure location, out of reach of children.
- **Inspection:** Regularly inspect the blade for signs of wear, damage, or dullness. Replace the blade if it becomes bent, chipped, or excessively dull, as this can affect cutting performance and potentially damage the tool.

7. Troubleshooting

If you encounter issues after replacing the blade, consider the following:

- **Blade Not Cutting Effectively:**

- Ensure the blade is correctly installed and securely fastened. Refer to Section 4.
- Check for any debris or grass buildup preventing the blade from moving freely.
- Verify that the blade is not damaged or dull.

- **Unusual Noise or Vibration:**
  - Immediately stop the tool and remove the battery.
  - Inspect the blade for proper seating and ensure all fasteners are tight.
  - Check for any foreign objects caught in the blade mechanism.

If problems persist, consult the original instruction manual for your Ryobi grass shears or contact Ryobi customer support.

8. Specifications

Feature	Specification
Model Number	RAC314
Compatible Tools	Ryobi OGS1821, Ryobi OGS1822 Cordless Grass Shears
Blade Width	12 cm (approximately 4.72 inches)
Material	Alloy Steel
Included Components	1 x Grass Shear Blade

9. Warranty and Support

For information regarding warranty coverage for your Ryobi RAC314 replacement blade or for technical assistance, please refer to the warranty documentation included with your original Ryobi grass shears or visit the official Ryobi website. You may also contact Ryobi customer support directly for further assistance.

Ryobi Official Website: www.ryobi.eu

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