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> [Replacement Side Discharge Chute for Ryobi 40V 20" Cordless Mower Models RY401017VNM, RY401018VNM, HLPM04VNM, HLPM05VNM - Black](#)

YYBParts OEM PART

Instruction Manual

REPLACEMENT SIDE DISCHARGE CHUTE

For Ryobi 40V 20" Cordless Mower Models

1. Introduction

This manual provides essential information for the proper installation, safe operation, and routine maintenance of the YYBParts Replacement Side Discharge Chute. This component is designed to replace the original side discharge chute on specific Ryobi 40V 20" Cordless Mower models, ensuring efficient grass clipping dispersal.

Please read this manual thoroughly before installation and operation to ensure safe and effective use of your lawn mower with the new side discharge chute.

2. Compatibility

This replacement side discharge chute (OEM part number 543958001) is specifically designed for the following Ryobi 40V 20" Cordless Mower models:

- RY401017VNM (also known as RY401170)
- RY401018VNM (also known as RY401180)
- HLPM04VNM
- HLPM05VNM

Ensure your mower model matches one of the listed compatible models before proceeding with installation.

3. Safety Information

Always prioritize safety when working with lawn care equipment. Failure to follow safety instructions can result in serious injury.

- **Disconnect Power:** Before installing or performing any maintenance on the mower, always remove the battery pack to prevent accidental starting.
- **Wear Protective Gear:** Use safety glasses, gloves, and appropriate footwear when handling mower

parts.

- **Inspect Components:** Before each use, inspect the side discharge chute for any damage, cracks, or wear. Replace if necessary.
- **Keep Clear:** Ensure the discharge area is clear of bystanders, children, and pets during operation.
- **Proper Installation:** Ensure the chute is securely installed before operating the mower. A loose chute can be a hazard.

4. Installation (Setup)

Follow these steps to install the replacement side discharge chute:

1. **Prepare the Mower:** Ensure the mower is turned off and the battery pack is removed. Place the mower on a flat, stable surface.
2. **Locate Discharge Opening:** Identify the side discharge opening on your Ryobi 40V 20" cordless mower.
3. **Remove Old Chute (if applicable):** If replacing an existing chute, carefully detach it from its mounting points. Note how the old chute was attached.
4. **Position New Chute:** Align the new YYBParts side discharge chute with the mounting points on the mower's deck. The chute is designed to fit securely into the designated slots or hinges.
5. **Secure the Chute:** Gently push or snap the chute into place until it is firmly seated. Ensure all clips or tabs engage properly. The installation is typically a bolt-on or snap-in process, depending on the specific mower model's design.
6. **Verify Installation:** Once installed, gently tug on the chute to ensure it is securely attached and does not wobble. It should sit flush against the mower deck.



Image 1: Top view of the replacement side discharge chute, showing its overall shape and internal fins. This view highlights the design for directing grass clippings.



Image 2: Bottom view of the replacement side discharge chute, illustrating the attachment points and the underside structure. This view is crucial for understanding how it connects to the mower.

5. Operation

Once the side discharge chute is securely installed, it will direct grass clippings away from the mower's deck during operation. This is particularly useful when you do not wish to bag clippings or use the mulching function.

- **Mowing Direction:** For optimal discharge, mow in a pattern that directs clippings away from obstacles, flowerbeds, or areas where you do not want grass accumulation.
- **Clear Discharge Path:** Ensure the path of the discharged clippings is clear of people, pets, and debris.
- **Avoid Clogging:** If mowing very tall or wet grass, the chute may occasionally clog. Reduce mowing speed or take narrower passes to prevent this.

6. Maintenance

Regular maintenance of the side discharge chute will ensure its longevity and proper function.

- **Cleaning:** After each use, especially when mowing wet grass, clean any accumulated grass clippings from the inside and outside of the chute. Use a stiff brush or cloth.
- **Inspection:** Periodically inspect the chute for signs of wear, cracks, or damage. Check the attachment points to ensure they are not loose or broken.
- **Storage:** Store the chute in a clean, dry place when not in use or when the mower is stored for extended periods.

7. Troubleshooting

If you encounter issues with your side discharge chute, consider the following:

- **Chute Does Not Fit:**
 - Verify your mower model number against the compatibility list in Section 2.
 - Ensure you are aligning the chute correctly with the mower's discharge opening and attachment points.
- **Grass Clogging in Chute:**
 - Grass may be too tall or wet. Try mowing when grass is dry and at a slower pace.

- The mower blade may be dull. A sharp blade cuts more efficiently and reduces clogging.
- Clean any existing buildup inside the chute.

- **Chute Feels Loose After Installation:**

- Re-check all attachment points to ensure they are fully engaged. Some models may have specific clips or pins that need to be secured.
- Inspect the mower's discharge opening for any damage that might prevent a secure fit.

8. Specifications

Attribute	Detail
Product Name	Replacement Side Discharge Chute
Brand	YYBParts
OEM Part Number	543958001
Compatible Mower Models	RY401017VNM (RY401170), RY401018VNM (RY401180), HLPM04VNM, HLPM05VNM
Material	Plastic
Color	Black
Item Weight	1 pound
Product Dimensions (L x W x H)	1 x 1 x 1 inches <i>(Note: These dimensions may refer to packaging or general item size.)</i>
Installation Type	Bolt-On, Peel & Stick, Screw-In, Self-Adhesive <i>(Note: Actual installation method depends on specific mower model.)</i>

9. Warranty Information

This product comes with a **one-year warranty** from the date of purchase. For warranty claims or inquiries, please retain your proof of purchase and contact the manufacturer or seller.

10. Support

For further assistance, technical support, or questions regarding this replacement part, please refer to the contact information provided by your retailer or the manufacturer, YYBParts. Always provide your product model number and purchase details when seeking support.