

## RYOBI 089041028145

# RYOBI 089041028145 Dust Chute Front Instruction Manual

Model: 089041028145 | Brand: RYOBI

## 1. INTRODUCTION

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This manual provides instructions for the proper installation, operation, and maintenance of the RYOBI 089041028145 Dust Chute Front. This component is an original equipment manufacturer (OEM) replacement part designed to maintain the dust collection efficiency of compatible miter saws. Please read this manual thoroughly before installation and use.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions when working with power tools and their accessories. Failure to do so may result in serious personal injury or property damage.

- **Disconnect Power:** Always unplug the miter saw from the power source before installing, removing, or performing any maintenance on the dust chute or any other saw component.
- **Wear Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) when operating or working near power tools.
- **Read Saw Manual:** Refer to your miter saw's original instruction manual for specific safety warnings and operating procedures.
- **Inspect Components:** Before each use, inspect the dust chute for any damage, cracks, or wear. Replace damaged parts immediately.
- **Secure Installation:** Ensure the dust chute is securely fastened before operating the saw. A loose chute can become a projectile or interfere with saw operation.

## 3. COMPATIBILITY

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The RYOBI 089041028145 Dust Chute Front is compatible with the following miter saw models:

- R4210
- R4221

- R4222

Verify your saw's model number before attempting installation.

## 4. PACKAGE CONTENTS

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The package should contain:

- 1 x RYOBI 089041028145 Dust Chute Front

No additional fasteners or tools are typically included, as existing hardware is often reused.

## 5. INSTALLATION

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Follow these steps to install the dust chute front:

1. **Prepare the Saw:** Ensure the miter saw is unplugged from the power source to prevent accidental startup.
2. **Locate Mounting Area:** Identify the dust collection port or the area where the dust chute attaches on your miter saw. This is typically at the rear of the saw blade housing.
3. **Remove Old Chute (if applicable):** If replacing an existing dust chute, carefully remove any screws, clips, or other fasteners holding it in place. Keep these fasteners for reuse.
4. **Position New Chute:** Align the new RYOBI 089041028145 Dust Chute Front with the designated mounting points on the saw. Ensure it fits snugly and correctly.
5. **Secure Chute:** Using the fasteners removed in step 3 (or new, compatible fasteners if needed), securely attach the dust chute to the saw. Do not overtighten, but ensure it is firm.
6. **Verify Installation:** Gently tug on the installed chute to confirm it is securely attached and does not wobble. Check that it does not obstruct any moving parts of the saw or the blade's path.



Image showing the RYOBI 089041028145 Dust Chute Front, a replacement part for miter saws. This component is designed to direct sawdust away from the cutting area into a collection bag or vacuum system.

## 6. OPERATION

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The dust chute operates passively as part of the miter saw's dust collection system. Once installed, it directs sawdust and debris generated during cutting into an attached dust bag or vacuum hose. Ensure the dust collection system (bag or vacuum) is properly attached to the chute's outlet for effective dust management.

## 7. MAINTENANCE

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Regular maintenance of the dust chute ensures optimal performance and longevity.

- **Cleaning:** Periodically inspect the dust chute for sawdust buildup or blockages. Use a brush or compressed air to clear any obstructions. Ensure the saw is unplugged before cleaning.
- **Inspection:** Check the chute for cracks, damage, or signs of wear. Replace the chute if it is damaged, as this can impair dust collection efficiency and potentially pose a safety risk.
- **Fastener Check:** Ensure all fasteners holding the chute in place remain tight. Retighten if necessary.

## 8. TROUBLESHOOTING

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

- **Poor Dust Collection:**
  - Check for blockages within the chute or the attached dust bag/vacuum hose.
  - Ensure the dust chute is securely installed and not loose.
  - Verify that the dust collection bag or vacuum system is properly attached and functioning.
- **Chute Does Not Fit:**
  - Double-check your miter saw's model number against the compatibility list in Section 3.
  - Ensure the chute is oriented correctly before attempting to fasten it.

## 9. SPECIFICATIONS

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Feature	Specification
Manufacturer	RIDGID RYOBI
Part Number	089041028145
Material	Plastic
Item Package Quantity	1
Weight	0.19 Pounds (approx. 86.18 g)
Product Dimensions	1 x 1 x 1 cm
Compatible Models	R4210, R4221, R4222

## 10. WARRANTY AND SUPPORT

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This RYOBI OEM part is designed for durability and performance. For specific warranty information, please refer to the original purchase documentation or contact RYOBI customer support directly. Keep your proof of purchase for any warranty claims.

For technical assistance or further inquiries, please visit the official RYOBI website or contact their customer service department. When contacting support, please have your product model number (089041028145) and your miter saw's model number ready.