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› PORTER-CABLE PCB330BS Band Saw Replacement Hinge 5140101-03 Instruction Manual

## PORTER-CABLE 5140101-03

# PORTER-CABLE PCB330BS Band Saw Replacement Hinge 5140101-03 Instruction Manual

Model: 5140101-03

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the PORTER-CABLE Replacement Hinge, part number 5140101-03. This genuine OEM part is designed to replace the hinge assembly on the PORTER-CABLE PCB330BS Type 1 14-inch Band Saw. It also replaces obsolete part numbers 5140074-54 and 5140074-51.

Please read these instructions carefully before proceeding with installation to ensure safe and correct usage.

## 2. PRODUCT OVERVIEW

The 5140101-03 hinge assembly is a critical component for the proper function of your band saw, allowing for necessary movement and stability of specific parts. This is a genuine PORTER-CABLE replacement part.



Figure 1: PORTER-CABLE Replacement Hinge 5140101-03. This image shows the hinge assembly, typically used for the upper wheel housing or blade guard on a band saw.

### 3. COMPATIBILITY

This replacement hinge (part number 5140101-03) is compatible with the following machine:

- **PORTER-CABLE PCB330BS Type 1 14 In. Band Saw**

It also serves as a direct replacement for obsolete part numbers: 5140074-54 and 5140074-51.

### 4. SPECIFICATIONS

<b>Part Number</b>	5140101-03
<b>Replaces Obsolete Parts</b>	5140074-54, 5140074-51
<b>Compatible Model</b>	PORTER-CABLE PCB330BS Type 1 14 In. Band Saw
<b>Material</b>	Plastic (Note: This refers to specific components; main hinge body may be metal.)

<b>Product Dimensions (L x W)</b>	4.2" x 3.65"
<b>Approximate Overall Dimensions</b>	3.65" x 4.20" x 3.70"
<b>UPC</b>	704660017575

## 5. SETUP AND INSTALLATION

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### 5.1 Safety Precautions

- Always disconnect the band saw from the power source before attempting any repairs or installations.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Refer to your band saw's original owner's manual for specific disassembly and assembly procedures.
- Keep all fasteners and small parts organized to prevent loss.

### 5.2 Installation Steps

The following steps provide a general guide for replacing the hinge. Specific details may vary based on your band saw's model and configuration. Always consult your band saw's service manual for precise instructions.

1. **Prepare the Work Area:** Ensure a clean, well-lit, and stable work surface.
2. **Disconnect Power:** Unplug the band saw from the electrical outlet.
3. **Access the Hinge:** Depending on the location of the hinge (e.g., upper wheel housing, blade guard), you may need to remove covers or other components to gain access to the existing hinge assembly.
4. **Remove Old Hinge:** Carefully unfasten and remove the bolts, screws, or pins securing the old hinge. Note the orientation and position of all components for reassembly.
5. **Inspect Mounting Area:** Clean any debris or old lubricant from the mounting surfaces.
6. **Install New Hinge:** Position the new PORTER-CABLE 5140101-03 hinge in the correct orientation. Secure it using the original fasteners or new ones if specified by your band saw's manual. Ensure all fasteners are tightened securely but do not overtighten.
7. **Reassemble Components:** Reattach any covers or components that were removed to access the hinge.
8. **Test Functionality:** Once fully reassembled, manually operate the hinged component (e.g., open and close the upper wheel housing) to ensure smooth movement and proper alignment.
9. **Reconnect Power:** Plug the band saw back into the power source.
10. **Perform a Test Run:** With all safety guards in place, briefly power on the band saw to confirm proper operation and that the hinged component remains secure during use.

## 6. OPERATION

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Once installed, the hinge operates passively, facilitating the movement of the component it supports (e.g., opening and closing the upper wheel cover for blade changes or adjustments). Ensure that the hinged component moves freely without binding and that it securely latches or closes when intended. Any resistance or misalignment should be addressed immediately.

## 7. MAINTENANCE

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- **Regular Inspection:** Periodically inspect the hinge for signs of wear, damage, or loose fasteners.
- **Cleaning:** Keep the hinge area free from sawdust, debris, and grime. A dry brush or compressed air can be used for cleaning.
- **Lubrication:** If the hinge mechanism appears stiff or squeaks, apply a small amount of dry lubricant or a light machine oil to the pivot points. Avoid excessive lubrication, which can attract dust.
- **Tighten Fasteners:** Check and tighten any loose mounting screws or bolts to ensure the hinge remains securely attached.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hinged component is stiff or binds.	Lack of lubrication, debris in hinge mechanism, misalignment.	Clean and lubricate the hinge. Check for proper alignment and adjust if necessary.
Hinged component does not close securely.	Damaged hinge, worn latch mechanism (if applicable), incorrect installation.	Inspect the hinge for damage. Ensure it is installed correctly. Check the latch mechanism on the band saw itself.
Hinge appears loose.	Loose mounting fasteners.	Tighten all mounting screws or bolts. Do not overtighten.

If troubleshooting steps do not resolve the issue, contact PORTER-CABLE customer support or a qualified service technician.

## 9. WARRANTY AND SUPPORT

As a genuine PORTER-CABLE replacement part, this hinge is typically covered under the standard warranty terms for PORTER-CABLE parts. For specific warranty details, please refer to the warranty information provided with your original PORTER-CABLE band saw or visit the official PORTER-CABLE website.

For technical assistance, replacement part inquiries, or warranty claims, please contact PORTER-CABLE customer support directly. Contact information can usually be found on the PORTER-CABLE official website or in your original product documentation.