

## BLACK+DECKER 74-591

# BLACK+DECKER 74-591 Jig Saw Blade for SC500 Navigator Saw Instruction Manual

Model: 74-591 | Brand: BLACK+DECKER

### 1. PRODUCT OVERVIEW

The BLACK+DECKER 74-591 is an Original Equipment Manufacturer (OEM) authorized large wood cutting jig saw blade. This blade is specifically designed for use with the BLACK+DECKER SC500 Navigator powered handsaw/jigsaw. It is suitable for various wood and plastic cutting applications, providing efficient and precise cuts.



Image: The BLACK+DECKER 74-591 Jig Saw Blade, a large wood cutting blade.

## 2. SAFETY INFORMATION

Always prioritize safety when working with power tools and accessories. Failure to follow these safety guidelines may result in serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, and work gloves, when operating the SC500 Navigator saw or handling blades.
- **Power Disconnection:** Ensure the BLACK+DECKER SC500 Navigator saw is unplugged from the power source or its battery pack is removed before attempting to install, remove, or inspect the

blade.

- **Blade Handling:** Jig saw blades are sharp. Handle the 74-591 blade with care to prevent cuts. Avoid touching the teeth.
- **Correct Blade Usage:** Use only blades that are compatible with your specific power tool model. The 74-591 blade is designed for the BLACK+DECKER SC500 Navigator saw.
- **Workpiece Security:** Always secure your workpiece firmly before cutting to prevent movement and kickback.

### 3. SETUP AND INSTALLATION

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Follow these steps to safely install the 74-591 jig saw blade into your BLACK+DECKER SC500 Navigator saw:

1. **Disconnect Power:** Ensure the SC500 Navigator saw is unplugged or its battery pack is removed to prevent accidental startup.
2. **Access Blade Clamp:** Locate the blade clamp mechanism on your SC500 Navigator saw. Refer to your saw's instruction manual for specific details on how to open and close the blade clamp.
3. **Open Clamp:** Open the blade clamp. This typically involves pressing a release button, lifting a lever, or loosening a screw, depending on your saw model.
4. **Insert Blade:** Carefully insert the shank of the 74-591 jig saw blade into the blade clamp. Ensure the blade is fully seated and oriented correctly, with the teeth facing forward (towards the front of the saw).
5. **Secure Clamp:** Securely close the blade clamp. Verify that the blade is firmly held and does not wobble or move freely.
6. **Verify Installation:** Gently pull on the blade to confirm it is locked in place before reconnecting power or battery.

### 4. OPERATING INSTRUCTIONS

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Once the 74-591 blade is securely installed, follow these general operating guidelines for effective and safe cutting:

1. **Preparation:** Ensure the blade is correctly installed and secure. Mark your cutting line clearly on the workpiece.
2. **Positioning:** Place the saw's shoe (base plate) flat against the workpiece before starting the saw. Do not allow the blade to touch the workpiece before the saw is turned on.
3. **Starting the Cut:** Start the saw and allow the blade to reach full speed before engaging the material.
4. **Guiding the Saw:** Guide the saw along the marked line with steady, even pressure. Avoid forcing the saw; let the blade do the work. Forcing the saw can lead to blade deflection, breakage, or poor cut quality.
5. **Curved Cuts:** The 74-591 blade is designed for curved cutting in wood. Apply gentle pressure and follow the curve smoothly.
6. **Finishing the Cut:** When the cut is complete, release the trigger and allow the blade to stop completely before lifting the saw from the workpiece.

### 5. MAINTENANCE

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Proper maintenance of your 74-591 jig saw blade ensures optimal performance and extends its lifespan:

- **Inspection:** Regularly inspect the blade for signs of wear, damage, or dullness. A dull blade will cut less efficiently and can put undue strain on your saw.
- **Replacement:** Replace the blade when it becomes dull, bent, or damaged. Continuing to use a compromised blade can lead to poor cut quality and potential safety hazards.
- **Cleaning:** After each use, clean the blade to remove sawdust, resin, or other debris. Use a stiff brush or a suitable blade cleaner. Ensure the blade is dry before storage.
- **Storage:** Store blades in a dry, safe location, preferably in their original packaging or a blade case, to prevent rust and accidental injury.

## 6. TROUBLESHOOTING

If you encounter issues while using your 74-591 jig saw blade, consider the following:

- **Blade not cutting efficiently:**  
**Possible Cause:** The blade is dull or damaged.  
**Solution:** Replace the blade with a new BLACK+DECKER 74-591 blade.
- **Blade wobbles or comes loose during operation:**  
**Possible Cause:** The blade is not correctly inserted or the blade clamp on the saw is not securely tightened.  
**Solution:** Disconnect power, remove the blade, and re-insert it, ensuring it is fully seated and the clamp is securely fastened. Refer to your SC500 Navigator saw's manual for specific blade clamp adjustment instructions.
- **Excessive vibration during cutting:**  
**Possible Cause:** The blade may be bent, damaged, or not fully seated in the clamp.  
**Solution:** Disconnect power and inspect the blade for damage. Replace if necessary. Ensure the blade is fully and correctly seated in the blade clamp.

## 7. SPECIFICATIONS

Model Number	74-591
Part Number	74591
Brand	BLACK+DECKER
Material	Blend
Product Dimensions	11.8"L x 3.9"W
Number of Teeth	6
Item Weight	3.2 ounces
Included Components	Large Wood Cut Blade
Item Package Quantity	1
Compatibility	BLACK+DECKER SC500 Navigator Saw

## 8. WARRANTY AND SUPPORT

For detailed warranty information regarding your BLACK+DECKER 74-591 Jig Saw Blade or for technical

support, please refer to the documentation provided with your BLACK+DECKER SC500 Navigator saw. You may also visit the official [BLACK+DECKER website](#) for further assistance and product information.