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› [BLACK+DECKER](#) /

› [BLACK+DECKER Jigsaw Blade Clamp Instruction Manual for Models BD310, KS530, KS532, BD530, KS350, KS533](#)

BLACK+DECKER 847182

BLACK+DECKER Jigsaw Blade Clamp Instruction Manual

Model: 847182

1. PRODUCT OVERVIEW

This document provides instructions for the installation, operation, and maintenance of the BLACK+DECKER Jigsaw Blade Clamp, Model 847182. This component is an original replacement part designed to secure jigsaw blades in compatible BLACK+DECKER jigsaw models.



Figure 1: BLACK+DECKER Jigsaw Blade Clamp (Model 847182). This image shows the compact, black metal component used to secure jigsaw blades.

2. SAFETY INFORMATION

Always prioritize safety when working with power tools. Read and understand the safety instructions provided with your BLACK+DECKER jigsaw before attempting any installation or maintenance. Failure to follow these

instructions may result in serious injury or damage to the tool.

- **Disconnect Power:** Always unplug the jigsaw from the power source before installing, removing, or performing any maintenance on the blade clamp or blade.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including safety glasses, gloves, and hearing protection.
- **Inspect Components:** Before installation, inspect the new blade clamp and the jigsaw for any damage or defects. Do not use damaged parts.
- **Secure Installation:** Ensure the blade clamp is securely installed and the blade is properly seated before operating the jigsaw.

3. PACKAGE CONTENTS

The package contains one (1) BLACK+DECKER Jigsaw Blade Clamp, Model 847182.

4. SETUP AND INSTALLATION

This section details the procedure for replacing or installing the blade clamp on your compatible BLACK+DECKER jigsaw.

1. **Disconnect Power:** Ensure the jigsaw is unplugged from the electrical outlet.
2. **Remove Old Blade (if applicable):** If a blade is currently installed, follow your jigsaw's manual to safely remove it.
3. **Access Blade Clamp Area:** Depending on your specific jigsaw model, you may need to open a cover or access panel to reach the blade clamp mechanism. Refer to your jigsaw's original instruction manual for specific access procedures.
4. **Remove Old Blade Clamp (if applicable):** Carefully remove the existing blade clamp. This typically involves unscrewing a retaining screw or releasing a locking mechanism. Note the orientation of the old clamp for correct installation of the new one.
5. **Install New Blade Clamp:** Position the new BLACK+DECKER Blade Clamp (Model 847182) into the designated slot. Ensure it aligns correctly with the jigsaw's blade holding mechanism.
6. **Secure Blade Clamp:** Fasten the blade clamp using the appropriate screw(s) or locking mechanism. Ensure it is tightened securely but do not overtighten. The clamp should hold firmly without excessive play.
7. **Insert Blade:** Once the clamp is installed, insert a jigsaw blade according to your jigsaw's instructions. Ensure the blade is fully seated and locked into place by the clamp.
8. **Test Security:** Gently pull on the blade to confirm it is securely held by the clamp. The blade should not easily dislodge.

Note: Specific steps may vary slightly depending on your jigsaw model. Always consult your jigsaw's primary instruction manual for detailed diagrams and procedures.

5. OPERATING INSTRUCTIONS

The blade clamp's primary function is to securely hold the jigsaw blade during operation. Once installed, its operation is integrated with the jigsaw's blade changing mechanism.

- **Blade Insertion:** To insert a blade, ensure the jigsaw is unplugged. Activate the blade release lever or mechanism on your jigsaw (if present) or loosen the retaining screw(s) on the blade clamp. Insert the blade shank fully into the clamp, ensuring the teeth face the correct direction.
- **Blade Securing:** Release the blade release lever or tighten the retaining screw(s) to secure the blade firmly in the clamp.
- **Blade Removal:** To remove a blade, unplug the jigsaw. Activate the blade release lever or loosen the

retaining screw(s). Carefully pull the blade out of the clamp. Allow hot blades to cool before handling.

The blade clamp itself does not have operational controls beyond its role in securing the blade. Refer to your jigsaw's manual for general operating procedures of the tool.

6. MAINTENANCE

Regular maintenance ensures the longevity and proper function of the blade clamp.

- **Cleaning:** Periodically clean the blade clamp area to remove sawdust, debris, and resin buildup. Use a dry cloth or a soft brush. Avoid using solvents that may damage plastic components or lubricants.
- **Inspection:** Regularly inspect the blade clamp for signs of wear, damage, or deformation. Check for loose screws or components. A worn or damaged clamp can lead to improper blade retention and unsafe operation.
- **Replacement:** If the blade clamp shows significant wear, damage, or fails to hold the blade securely, replace it immediately with an original BLACK+DECKER replacement part (Model 847182).

7. TROUBLESHOOTING

If you experience issues with blade retention or operation related to the blade clamp, consider the following:

- **Blade Not Holding Securely:**

- Ensure the blade is fully inserted into the clamp.
- Verify that the retaining screw(s) are tightened or the quick-release mechanism is fully engaged.
- Inspect the blade clamp for wear or damage. If worn, replace the clamp.
- Check if the blade shank is compatible with the clamp type (e.g., T-shank, U-shank).

- **Difficulty Inserting/Removing Blade:**

- Ensure the blade release mechanism is fully activated or screws are sufficiently loosened.
- Clean any debris or sawdust from the clamp area that might obstruct blade movement.
- Inspect the blade clamp for deformation or damage.

For issues not resolved by these steps, consult a qualified service technician or contact BLACK+DECKER customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	847182
Product Type	Jigsaw Blade Clamp (Replacement Part)
Color	Black
Dimensions (L x W x H)	40 x 20 x 40 mm (4 x 2 x 4 cm)
Item Weight	10 grams

9. COMPATIBLE MODELS

This blade clamp is compatible with a wide range of BLACK+DECKER jigsaws. Verify your product's identification plate, usually located under the appliance, to confirm compatibility. If your model is not listed, please contact BLACK+DECKER customer support.

Known compatible models include, but are not limited to:

- BD310 Type 1
- BD528 Type 1
- BD529 Type 1
- BD530 Type 1
- BD531 Type 1
- BD532 Type 1
- BD532E Type 1
- BD533E Type 1
- BD534 Type 1
- BD547E Type 1
- BD999E Type 1
- BL350 Type 1
- C310 Type 1
- CD300 Type 1
- CD300 Type 3
- CON529 Type 1
- CP300 Type 1
- DN38 Type 1
- DN39 Type 1
- DN521 7
- DN522 7
- DN523 7
- DN524 7
- DN530 Type 1
- DN531 Type 1
- DN532 Type 1
- DN533E Type 1
- DN547E Type 1
- DN98 Type 1
- DN99E Type 1
- KS350 Type 1
- KS529 Type 1
- KS530 Type 1
- KS531 Type 1
- KS532 Type 1
- KS532E Type 1
- S533E Type 1
- MST533E Type 1
- P4402 Type 1
- PL30 Type 1
- SC325 Type 1

- SR200E Type 1
- SR210PE Type 1
- SR220E Type 1
- VP1800 Type 1
- VP2000 Type 1
- VP660 Type 1

10. WARRANTY AND SUPPORT

As an original BLACK+DECKER replacement part, this blade clamp is subject to the standard BLACK+DECKER warranty policy for spare parts. Please refer to the warranty information provided with your original BLACK+DECKER jigsaw or visit the official BLACK+DECKER website for details.

For technical assistance, replacement part inquiries, or warranty claims, please contact BLACK+DECKER customer support through their official channels. When contacting support, have your jigsaw model number and the blade clamp model number (847182) available.