

Makita 122540-9

Makita 122540-9 Vice Assembly Instruction Manual

For LS1030 and LS1214 Miter Saws

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Makita 122540-9 Vice Assembly. This accessory is designed to securely hold workpieces during cutting operations with compatible Makita LS1030 and LS1214 miter saws. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Makita 122540-9 Vice Assembly is a genuine Makita accessory engineered for precision and durability. It is primarily used to clamp workpieces firmly to the miter saw's base, preventing movement during cutting and enhancing both accuracy and user safety.

Included Components:

- 1 x Makita 122540-9 Vice Assembly



Figure 1: The Makita 122540-9 Vice Assembly. This image displays the complete vice unit, including the clamping mechanism and mounting points, ready for attachment to a compatible miter saw.

3. SAFETY INSTRUCTIONS

WARNING: Always follow general power tool safety guidelines in addition to these specific instructions. Failure to do so can result in serious injury or property damage.

- Always disconnect the miter saw from the power source before installing, adjusting, or performing maintenance on the vice assembly.
- Ensure the vice is securely attached to the miter saw and the workpiece is firmly clamped before operating the saw.
- Never attempt to hold a workpiece by hand while cutting with the miter saw. Always use the vice or other appropriate clamping methods.
- Inspect the vice assembly for any damage or wear before each use. Do not use if components are bent, cracked, or otherwise compromised.

- Keep hands and fingers clear of the clamping mechanism during operation.
- Do not overtighten the vice, as this may damage the workpiece or the vice itself.
- Ensure the vice does not interfere with the saw blade's path or any moving parts of the miter saw.

4. SETUP AND INSTALLATION

1. **Power Disconnection:** Ensure your Makita LS1030 or LS1214 miter saw is unplugged from the power outlet.
2. **Identify Mounting Points:** Locate the designated mounting holes or slots on the base of your miter saw where the vice assembly is to be attached. Refer to your miter saw's instruction manual for specific details on vice attachment points.
3. **Position the Vice:** Align the vice assembly with the mounting points on the miter saw base. The vice can typically be mounted on either the left or right side of the saw, depending on your cutting needs and workpiece size.
4. **Secure the Vice:** Use the appropriate fasteners (not included with this vice assembly, typically supplied with the miter saw or purchased separately) to firmly attach the vice to the saw base. Ensure all bolts are tightened securely to prevent any movement during operation.
5. **Test Movement:** Once installed, test the clamping mechanism to ensure it moves smoothly and can securely hold a workpiece without obstruction.

5. OPERATING INSTRUCTIONS

1. **Place Workpiece:** Position the workpiece on the miter saw table against the fence.
2. **Adjust Vice Position:** Slide the vice assembly along its mounting track (if applicable) or adjust its jaws to bring it close to the workpiece.
3. **Clamp Workpiece:** Rotate the vice handle or knob clockwise to tighten the jaws against the workpiece. Apply sufficient pressure to hold the workpiece firmly without causing damage. The workpiece should not move when light pressure is applied by hand.
4. **Check Clearance:** Before making a cut, manually lower the saw blade to ensure it will not contact the vice assembly or any part of the clamping mechanism. Adjust the workpiece or vice position if necessary.
5. **Perform Cut:** With the workpiece securely clamped and clearance confirmed, proceed with your cutting operation according to your miter saw's instructions.
6. **Release Workpiece:** After the cut is complete and the saw blade has stopped, rotate the vice handle counter-clockwise to release the workpiece.

6. MAINTENANCE

- **Cleaning:** Regularly clean the vice assembly to remove sawdust, debris, and grime. Use a dry cloth or a soft brush. Avoid using harsh chemicals that may damage the finish or components.
- **Lubrication:** Periodically apply a light coat of machine oil to the screw threads and sliding surfaces of the vice to ensure smooth operation and prevent rust. Wipe off any excess oil.
- **Inspection:** Before each use, inspect the vice for any signs of wear, damage, or loose fasteners. Check for bent components, cracks, or excessive play in the moving parts. Replace any damaged parts immediately.
- **Storage:** Store the vice assembly in a clean, dry environment when not in use.

7. TROUBLESHOOTING

- **Vice not holding workpiece securely:**
 - Ensure the vice is properly tightened.
 - Check if the workpiece material is too soft or has an irregular shape that prevents firm clamping.
 - Inspect the vice jaws for wear or damage that might reduce grip.
- **Vice movement is stiff or difficult:**
 - Clean any accumulated sawdust or debris from the screw threads and sliding mechanisms.
 - Apply a light lubricant to the moving parts as described in the Maintenance section.
 - Check for any bent components or obstructions.
- **Vice interferes with saw blade:**
 - Re-position the workpiece or adjust the vice to ensure adequate clearance before making a cut.
 - Always perform a manual check by lowering the blade slowly before powering on the saw.

8. SPECIFICATIONS

Specification	Detail
Brand	Makita
Model Number	122540-9
Compatible Miter Saws	LS1030, LS1214
Material	Metal
Item Weight	0.42 Kilograms (approx. 14.8 ounces)
Product Dimensions (L x W x H)	0.94 x 1.02 x 2.05 inches
Included Components	1 x 122540-9 Vice Assembly
Usage	Commercial/Residential
GTIN (UPC)	088381151894

9. WARRANTY INFORMATION

Makita products are manufactured under strict quality control standards. This vice assembly is covered by Makita's standard warranty against defects in materials and workmanship. For specific warranty terms, conditions, and duration, please refer to the warranty documentation provided with your original Makita miter saw or visit the official Makita website. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, spare parts, or service inquiries regarding your Makita 122540-9 Vice Assembly, please contact Makita customer support or an authorized Makita service center. You can find contact information and a list of service centers on the official Makita website:

www.makitatools.com

When contacting support, please have your product model number (122540-9) and the model number of your miter saw (LS1030 or LS1214) readily available.

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