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## Makita LS1040

# Makita LS1040 10-inch Compound Miter Saw Instruction Manual

Model: LS1040

## INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita LS1040 10-inch Compound Miter Saw. Please read and understand all instructions before using the tool. Retain this manual for future reference.

## SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or property damage. This section highlights critical safety practices.

- **Personal Protective Equipment:** Always wear eye protection (safety glasses or goggles), hearing protection, and a dust mask.
- **Work Area:** Ensure your work area is clean, well-lit, and free from clutter. Keep children and bystanders away.
- **Electrical Safety:** Do not operate power tools in damp or wet locations. Avoid using the tool with damaged cords.
- **Blade Safety:** Ensure the blade is sharp and correctly installed. Never bypass safety guards. Disconnect power before changing blades or performing maintenance.
- **Workpiece Securement:** Always secure the workpiece firmly with clamps or the provided vise to prevent movement during cutting.
- **Proper Operation:** Maintain a firm grip on the tool. Do not overreach. Use the correct blade for the material being cut.

## SETUP

Proper setup ensures accurate and safe operation of your miter saw.

## Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the saw for any signs of damage that may have occurred during shipping. The package should include the Makita LS1040 10-inch Compound Miter Saw, a 10-inch 40T Micro-Polished Miter Saw Blade (A-93669), a dust bag, a socket wrench (782232-8), a triangular rule (762001-3), and a vertical vise (122536-0).



Figure 1: The Makita LS1040 10-inch Compound Miter Saw, showing its main components including the blade guard and dust bag.

## Attaching the Dust Bag

The included dust bag helps collect sawdust during operation. Attach it to the dust port at the rear of the saw. Ensure it is securely fastened to prevent it from detaching during use.

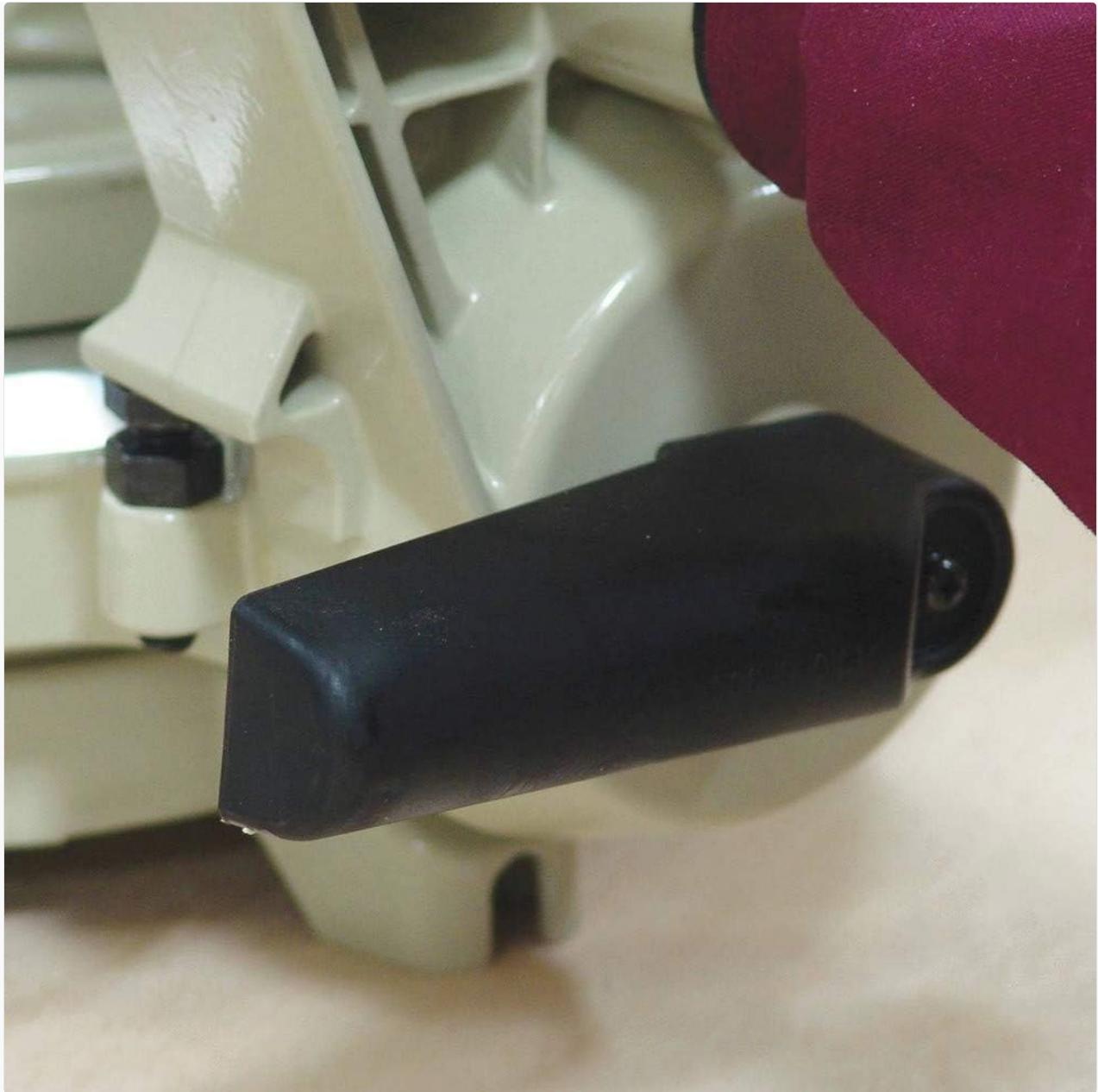


Figure 2: Detail of the Makita dust bag, part no. 122529, attached to the saw's dust collection port.

## Adjusting Miter Angles

The miter saw allows for precise angle cuts. To adjust the miter angle:

1. Loosen the miter lock handle located at the front of the base.
2. Press the miter angle release button (if present) and pivot the turntable to the desired angle. The scale on the base indicates angles from 0° to 45° left and 0° to 52° right.
3. The saw features positive stops at common angles such as 0°, 15°, 22.5°, 30°, and 45° (left or right).
4. Once the desired angle is set, tighten the miter lock handle firmly to secure the turntable.

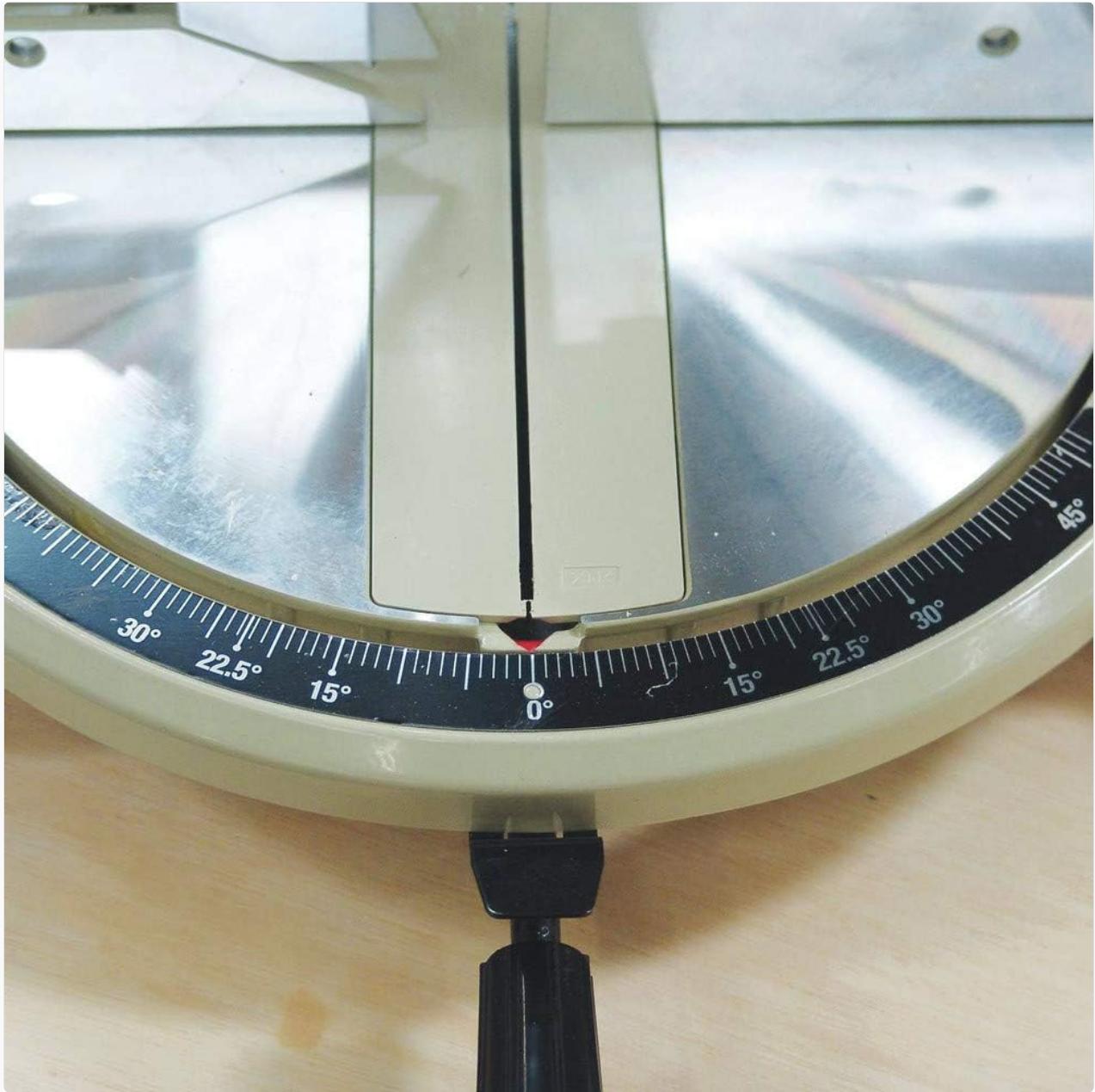


Figure 3: The miter scale on the saw's base, showing angle markings and the adjustment handle for setting precise miter cuts.



Figure 4: A hand demonstrating the adjustment of the miter angle lock, allowing the user to set the cutting angle.

## Adjusting Bevel Angles

The saw can also make bevel cuts up to 45° to the left.

1. Loosen the bevel lock knob at the rear of the saw.
2. Tilt the saw head to the desired bevel angle.
3. Tighten the bevel lock knob to secure the saw head in position.

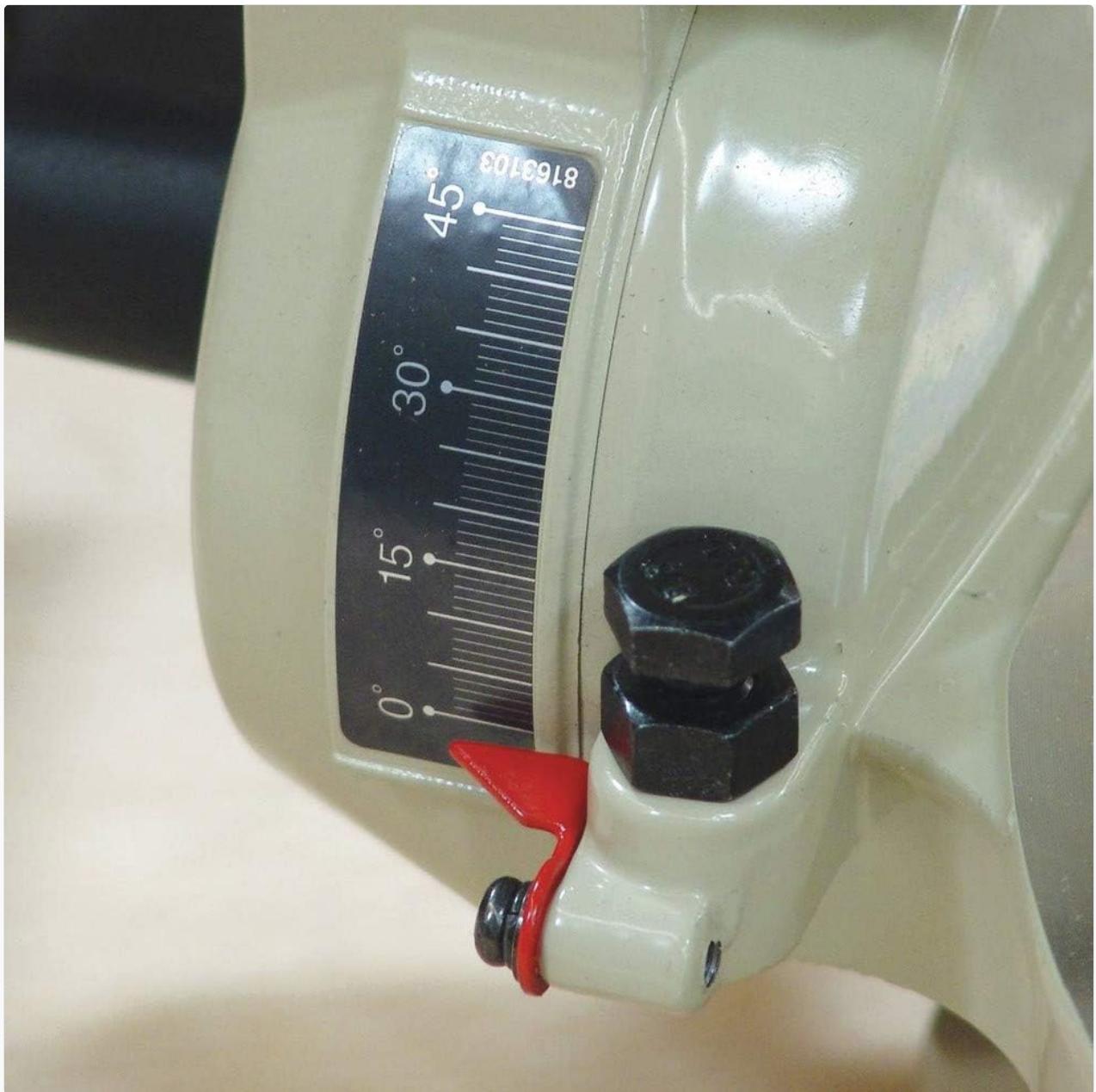


Figure 5: The bevel angle scale, indicating the range of tilt for the saw head, with the adjustment mechanism visible.

## OPERATING

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Follow these steps for safe and effective operation of your Makita LS1040 miter saw.

### Powering On and Off

To turn the saw on, press the safety button and squeeze the trigger switch. To turn it off, release the trigger switch. Always ensure the saw is unplugged when not in use or when performing adjustments.

### Securing the Workpiece

Always use the vertical vise or appropriate clamps to firmly secure the workpiece to the saw's fence and base. This prevents the material from shifting during the cut, which can cause kickback or inaccurate results.



Figure 6: The vertical vise accessory, used to securely hold the workpiece against the saw's fence during cutting operations.

## Making a Cut

1. Ensure the workpiece is properly secured and the desired miter and/or bevel angles are set.
2. Hold the handle firmly.
3. Press the safety button and squeeze the trigger to start the motor. Allow the blade to reach full speed before beginning the cut.
4. Slowly lower the saw head through the workpiece. Do not force the cut.
5. Once the cut is complete, release the trigger and allow the blade to stop completely before raising the saw head.

## Blade Guard Operation

The saw is equipped with a clear plastic blade guard that automatically retracts as the blade descends into the workpiece and covers the blade as it rises. This guard is a critical safety feature and should never be removed or tampered with.

## MAINTENANCE

Regular maintenance extends the life of your tool and ensures safe operation.

### Blade Replacement

Always disconnect the saw from the power source before attempting to change the blade. Use the provided wrench to loosen the arbor bolt. Carefully remove the old blade and install the new blade, ensuring the teeth are oriented correctly. Tighten the arbor bolt securely. Refer to the detailed instructions in the full product manual for specific steps, as some bolts may require significant force to loosen.

### Cleaning

After each use, empty the dust bag and clean any accumulated sawdust from the saw's base, fence, and blade guard. Use a dry cloth or compressed air. Do not use solvents that could damage plastic components.

### General Inspection

Periodically inspect the power cord for damage, check all fasteners for tightness, and ensure all moving parts operate smoothly. If any damage or excessive wear is observed, discontinue use and seek professional repair.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Makita LS1040 miter saw.

- Saw Does Not Start:** Check if the power cord is securely plugged in. Ensure the safety button is pressed before squeezing the trigger. Verify the power outlet is functional.
- Inaccurate Cuts:** Check that the miter and bevel angles are correctly set and locked. Ensure the workpiece is firmly secured and not shifting during the cut. Inspect the blade for dullness or damage; a dull blade can cause inaccurate cuts. Verify the fence is square to the blade.
- Excessive Vibration or Noise:** This could indicate a loose blade, a damaged blade, or an internal mechanical issue. Disconnect power and inspect the blade. If the issue persists, professional service is recommended.
- Blade Not Cutting Smoothly:** The blade may be dull or incorrect for the material. Replace the blade or ensure you are using the appropriate blade type.

For issues not covered here or if problems persist, contact Makita customer support or an authorized service center.

## SPECIFICATIONS

Feature	Specification
Brand	Makita
Model Number	LS1040

Feature	Specification
Blade Diameter	10 inches
Arbor Size	5/8 inches
Power Source	Corded Electric
AMPS (120V)	15 Amps
No Load Speed	4,600 RPM
Max. Cutting Capacity (90°/90°)	2-3/4" x 5-1/8"
Max. Cutting Capacity (45°/45°)	1-3/8" x 3-5/8"
Miter Angles	0°-45° Left, 0°-52° Right
Bevel Angles	0°-45° Left
Item Weight	27.3 lbs
Product Dimensions (L x W x H)	20-7/8" x 18-3/4" x 21"

## WARRANTY

Every Makita tool is thoroughly inspected and tested before leaving the factory. If you are not satisfied with any Makita tool within 30 days of purchase, return it for a replacement or refund. Each Makita tool is warranted to be free of defects from workmanship and materials for a period of **ONE YEAR** from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. Please refer to [makitatools.com](http://makitatools.com) for complete details and the most current warranty information.

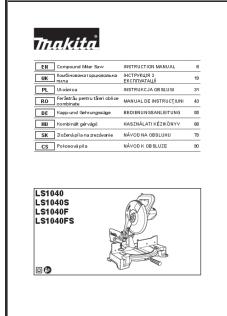
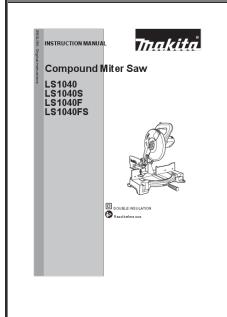
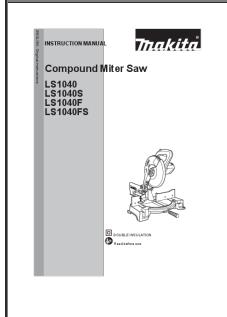
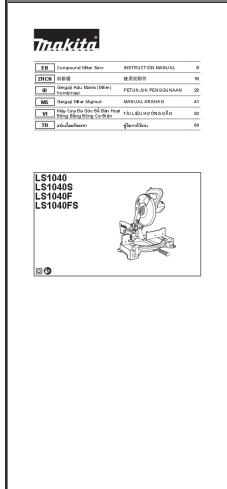
## SUPPORT

For technical assistance, parts, or service inquiries, please contact Makita U.S.A., Inc. customer support.

- **Phone:** 800/4-MAKITA (800/462-5482)
- **Website:** [makitatools.com](http://makitatools.com)

Makita U.S.A., Inc. is located in La Mirada, California, and operates an extensive distribution network throughout the U.S.

## Related Documents - LS1040

	<p><a href="#">Makita LS1040 Series Compound Miter Saw Instruction Manual</a> Official instruction manual for Makita LS1040, LS1040S, LS1040F, and LS1040FS compound miter saws. Covers safety, operation, maintenance, and specifications.</p>
	<p><a href="#">Makita LS1040 Series Compound Miter Saw Instruction Manual</a> Comprehensive instruction manual for Makita LS1040, LS1040S, LS1040F, and LS1040FS compound miter saws, covering specifications, safety, operation, and maintenance.</p>
	<p><a href="#">Makita Compound Miter Saw LS1040 Series Instruction Manual</a> Comprehensive instruction manual for Makita Compound Miter Saw models LS1040, LS1040S, LS1040F, and LS1040FS. Covers specifications, safety instructions, operation, installation, maintenance, and optional accessories.</p>
	<p><a href="#">Makita Compound Miter Saw LS1040 Series Instruction Manual</a> Comprehensive instruction manual for the Makita LS1040, LS1040S, LS1040F, and LS1040FS Compound Miter Saws, covering specifications, safety instructions, operation, installation, and maintenance.</p>
	<p><a href="#">Makita LS1040 Series Compound Miter Saw Instruction Manual</a> Comprehensive instruction manual for Makita LS1040, LS1040S, LS1040F, LS1040FS compound miter saws. Covers specifications, safety, installation, operation, and maintenance.</p>



## [Makita LS1110F Slide Compound Miter Saw: Features, Specifications, and Cutting Capacities](#)

Comprehensive overview of the Makita LS1110F Slide Compound Miter Saw. Details features like the LED job light, bevel and miter ranges, cutting capacities, technical specifications, and included accessories. Essential information for woodworking professionals.