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Makita 1806B

Makita 1806B 6-3/4" Planer Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and care of your Makita 1806B 6-3/4" Planer. Please read and understand all instructions before using the tool. Keep this manual for future reference.

The Makita 1806B 6-3/4-inch Planer is designed for professional construction framing, window and door installation, and fine woodworking. It offers powerful performance and precision for efficient stock removal and accurate planing.

2. Safety Information

Always follow general power tool safety guidelines to prevent electric shock, fire, and serious injury. This includes wearing appropriate personal protective equipment (PPE) such as eye protection, hearing protection, and gloves.

- Ensure the work area is clean and well-lit.
- Keep children and bystanders away while operating a power tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Use the correct tool for your application. Do not force the tool.
- Maintain tools with care. Keep cutting tools sharp and clean.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. Product Overview

3.1 Components

The Makita 1806B planer features a robust construction designed for durability and performance. Key components include the motor housing, depth adjustment knob, front and rear grips, sole plate, and blade assembly.



The Makita 1806B 6-3/4 inch Planer, showcasing its robust design and controls.

3.2 Features

- Powerful 10.9 AMP motor with 15,000 RPM for improved performance.
- Cuts 6-3/4" width in a single pass.
- Comfortable handle and easy depth setting.
- Large, sturdy sole plate for added stability.
- Perfect alignment of front and back grips for better control.
- Precision machined aluminum base for planing accuracy.
- Two-blade cutter head makes 30,000 cuts per minute for fast stock removal.
- Lock-on button for continuous operation.
- Double insulated design.



An illustration highlighting the Makita 1806B planer's capacity to cut 6-3/4 inches in a single pass.



A close-up of the Makita 1806B planer's precision machined aluminum base, designed for accurate planing.



An image illustrating the ergonomic design of the Makita 1806B planer with perfectly aligned front and back grips for enhanced user control.



A visual representation of the powerful 10.9 AMP motor inside the Makita 1806B planer, capable of 15,000 RPM.

4. Setup

4.1 Blade Installation and Adjustment

Refer to the sharpening holder assembly and wrench included in the box for blade maintenance. Ensure blades are securely fastened and properly aligned before operation. Incorrect blade installation can lead to uneven planing and potential injury.

4.2 Depth Setting

The planer features an easy depth setting mechanism. Rotate the depth adjustment knob to select the desired planing depth. For optimal results, make shallow passes and gradually increase depth as needed. The maximum planing depth is 1/16 inch per pass.

4.3 Guide Rule Attachment

Attach the guide rule (included) to the planer for consistent straight cuts along the edge of your workpiece. Ensure it is firmly secured to prevent movement during operation.

5. Operating Instructions

5.1 Powering On/Off

To start the planer, depress the trigger switch. For continuous operation, engage the lock-on button. To stop, release the trigger switch or disengage the lock-on button.

5.2 Planing Technique

Hold the planer firmly with both hands, ensuring the front and back grips are perfectly aligned for balanced operation. Apply even pressure and move the planer smoothly across the workpiece. Avoid tilting the tool, which can cause uneven surfaces.



A user demonstrating the Makita 1806B planer in action, planing a wooden surface.

5.3 Cord Management

The power cord is designed for length but can be prone to snagging. Always manage the cord to prevent it from interfering with the planing path or getting caught on the workpiece or surrounding objects. Consider routing the cord over your shoulder or using an overhead hook for long passes.

5.4 Chip and Dust Management

The planer generates a significant amount of wood chips and shavings. Be prepared for cleanup. While the exhaust port is designed for chip expulsion, it may not be compatible with all vacuum attachments. Ensure the work area remains clear of debris to maintain visibility and safety.

6. Maintenance

6.1 Blade Sharpening and Replacement

Dull blades can reduce planing efficiency and quality. Sharpen or replace blades as needed using the sharpening holder assembly and wrench provided. Always ensure the tool is disconnected from the power source before performing blade maintenance.

6.2 Cleaning

Regularly clean the planer, especially the sole plate and blade area, to remove accumulated wood dust and resin. Use a dry cloth or compressed air. Do not use solvents that could damage plastic parts.

7. Troubleshooting

If you encounter issues with your Makita 1806B planer, consider the following common solutions:

- **Uneven Planing:** Check for dull or improperly installed blades. Ensure the sole plate is clean and free of debris. Verify consistent pressure and movement during operation.
- **Reduced Performance:** Inspect blades for sharpness. Ensure the power cord is fully plugged in and the power source is adequate.
- **Excessive Vibration or Noise:** Disconnect power immediately. Check for loose components or damaged blades. Do not operate if unusual noises or vibrations persist.

For issues not resolved by these steps, contact Makita customer support or an authorized service center.

8. Specifications

Specification	Value
Planing Width	6-3/4"
Planing Depth	1/16"
No Load Speed	15,000 RPM
Amperage	10.9 Amps (115V)
Wattage	1200 watts
Overall Length	20-3/4"
Net Weight	19.3 lbs. (9 Kilograms)

Product Dimensions	23.83"L x 9.13"W x 5.98"H
Base Material	Aluminum
Power Source	Corded Electric
Model Number	1806B
UPC	088381003957, 088381091527

9. What's in the Box

Your Makita 1806B 6-3/4" Planer package includes the following items:

- Makita 1806B 6-3/4-Inch Planer
- Sharpening holder assembly (123006-2)
- Hex wrench (783202-0)
- Wooden tool case (821134-4)
- Triangular rule (762001-3)
- Planer blades (793186-4)
- Guide rule (123053-3)

10. Warranty and Support

10.1 Warranty Information

Every Makita tool is thoroughly inspected and tested before leaving the factory. Each Makita tool is warranted to be free of defects from workmanship and materials for the 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. For complete details, please visit makitatools.com.

10.2 Customer Support

For further assistance or inquiries, please contact Makita customer support:

- Phone: 800/4-MAKITA (800/462-5482)
- Website: makitatools.com

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