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> JLD10-8 Lawn Mower Blade Sharpener Instruction Manual

Jinlida JLD10-8

JLD10-8 Lawn Mower Blade Sharpener Instruction Manual

Model: JLD10-8 | Brand: Jinlida

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Jinlida JLD10-8 Lawn Mower Blade Sharpener. Please read this manual thoroughly before initial use and keep it for future reference.

The JLD10-8 is designed to transform dull lawn mower blades into sharp cutting tools. It features a robust 500W motor, a 7-inch ceramic grinding wheel, and includes accessories for comprehensive blade maintenance.

SAFETY INFORMATION

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating this machine.

- **Read the Manual:** Familiarize yourself with all instructions and warnings before operation.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles to protect your eyes from flying debris and sparks. Wear appropriate gloves to protect hands.
- **Work Area:** Operate the sharpener in a clean, well-lit, and dry area. Keep children and bystanders away. Ensure adequate ventilation.
- **Stable Surface:** Place the sharpener on a stable, level, and secure workbench or surface to prevent tipping during operation.
- **Electrical Safety:** Ensure the power supply matches the machine's requirements. Do not operate with damaged cords or plugs. Disconnect power before making adjustments, changing accessories, or performing maintenance.
- **Blade Handling:** Handle lawn mower blades with extreme care. They can be sharp even when dull.
- **Proper Use:** Use the sharpener only for its intended purpose: sharpening lawn mower blades. Do not attempt to sharpen other objects.
- **Avoid Overloading:** Do not apply excessive pressure to the grinding wheel. Let the machine do the work.
- **Maintenance:** Regularly inspect the machine for damage or wear. Do not operate if damaged.



Always wear safety glasses and gloves when operating the sharpener.

PRODUCT COMPONENTS

Your JLD10-8 Lawn Mower Blade Sharpener package includes the following items:

- JLD10-8 Lawn Mower Blade Sharpener Unit (with pre-installed 7-inch 60 grit ceramic grinding wheel)
- 5 x Replaceable 60 grit purple ceramic grinding discs
- 2 x 40° Knife Holders (support brackets)
- 1 x Metal Blade Balancer



Main unit and included accessories.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Position the sharpener on a sturdy, level, and clean workbench or surface. Ensure there is ample space around the machine for safe operation and blade handling.
3. **Secure the Unit:** For optimal stability, it is recommended to bolt the sharpener to your workbench using the pre-drilled holes in the base.
4. **Install Support Brackets:** Insert the two 40° knife holders (support brackets) into their designated slots on the sharpener. These will help maintain the correct grinding angle.
5. **Power Connection:** Ensure the power switch is in the 'OFF' position. Plug the sharpener into a grounded electrical outlet that matches the voltage requirements specified on the machine's label.



Ensure the unit is securely placed and ready for operation.

OPERATING INSTRUCTIONS

Before sharpening, ensure the lawn mower blade is clean and free of dirt, grass, or rust. Always wear safety glasses and gloves.

1. **Blade Inspection:** Examine the blade for any significant damage, bends, or cracks. Severely damaged blades should be replaced, not sharpened.
2. **Blade Balancing (Pre-Sharpener):** Use the included metal blade balancer to check the blade's balance. An unbalanced blade can cause excessive vibration in your mower. If unbalanced, note which side is heavier.
3. **Power On:** Flip the power switch to the 'ON' position. The 500W motor will bring the 7-inch ceramic grinding wheel up to its operating speed of 1700 RPM.
4. **Position the Blade:** Carefully position the lawn mower blade against the grinding wheel, using the 40° knife holders to guide and maintain the correct sharpening angle (approximately 30°).
5. **Sharpening:** Apply light, consistent pressure, moving the blade evenly across the grinding wheel. Work from the duller part of the edge towards the tip. Avoid applying excessive pressure, which can overheat the blade or damage the wheel. Sharpen one side of the blade, then repeat the process on the other side.

6. **Check Sharpness:** Periodically remove the blade and check its sharpness. A properly sharpened blade will have a consistent, burr-free edge.
7. **Blade Balancing (Post-Sharpening):** After sharpening, re-check the blade's balance using the metal balancer. If one side is still heavier, remove a small amount of material from the heavier side until the blade is balanced. This is crucial for smooth mower operation.
8. **Power Off:** Once sharpening is complete, turn the power switch to the 'OFF' position and allow the grinding wheel to come to a complete stop before handling the machine or blade.



Sharpening a lawn mower blade using the JLD10-8 sharpener.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sharpener.

- **Cleaning:** After each use, disconnect the power and use a brush or compressed air to remove metal dust and debris from the machine, especially around the grinding wheel and motor vents.
- **Grinding Wheel Replacement:** The 7-inch 60 grit ceramic grinding wheel will wear down over time. Replace it when its sharpening effectiveness diminishes or if it becomes damaged. Your unit comes with 5 replaceable purple

ceramic grinding discs. To replace, ensure the machine is unplugged, then follow the instructions for removing the old wheel and installing a new one.

- **Grit Collector (Optional):** A grit collector (sold separately) can be attached to the sharpener to help manage metal dust and debris, making cleanup easier and improving air quality in your workspace.
- **Storage:** Store the sharpener in a dry, clean place, away from moisture and extreme temperatures.



An optional grit collector can be used for cleaner operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not turn on.	No power supply; Power switch off; Damaged power cord.	Check power outlet and connection; Ensure switch is ON; Inspect power cord for damage and replace if necessary.
Blades are not sharpening effectively.	Incorrect sharpening angle; Worn grinding wheel; Insufficient pressure.	Ensure blade is positioned correctly using the 40° knife holders; Replace grinding wheel if worn; Apply light, consistent pressure.
Excessive vibration during operation.	Unbalanced lawn mower blade; Loose mounting bolts; Unstable work surface.	Re-balance the lawn mower blade after sharpening; Tighten all mounting bolts; Ensure the sharpener is on a stable, level surface.

Problem	Possible Cause	Solution
Excessive sparks or heat.	Too much pressure applied; Dull grinding wheel.	Reduce pressure; Replace grinding wheel.

SPECIFICATIONS

Feature	Detail
Model Number	JLD10-8
Motor Power	500W (2/3 HP)
Motor Speed	1700 RPM
Grinding Wheel Size	7-inch diameter
Grinding Wheel Grit	60 grit ceramic
Product Dimensions (L x W x H)	16.93 x 12.6 x 9.45 inches
Item Weight	32 pounds
Manufacturer	JINLIDA

WARRANTY INFORMATION

For detailed warranty information regarding your Jinlida JLD10-8 Lawn Mower Blade Sharpener, please refer to the warranty card included with your product or visit the official Jinlida website. Warranty terms and conditions may vary.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to order replacement parts, please contact Jinlida customer support. Refer to the contact information provided on the product packaging or the official Jinlida website.

You may also contact the seller, JLD Grinding & Sanding, through the platform where you purchased the product for assistance.