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› Parkside PSTD 800 B2 Pendulum Jigsaw Instruction Manual

Parkside PSTD 800 B2

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Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your **Parkside PSTD 800 B2 Pendulum Jigsaw**. Please read these instructions carefully before using the tool and keep them for future reference. This powerful 800W jigsaw is designed for precise cutting in various materials, featuring a laser guide, LED work light, and dust blower function for enhanced visibility and accuracy.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection (safety glasses or goggles) and hearing protection. Use a dust mask if operating in dusty conditions. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Kickback Prevention:** Always hold the jigsaw firmly with both hands. Ensure the workpiece is securely clamped.
- **Blade Safety:** Ensure the blade is correctly installed and secured before operation. Do not touch the blade immediately after cutting as it will be hot.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Parkside PSTD 800 B2 Jigsaw.



Figure 3.1: Overall view of the Parkside PSTD 800 B2 Pendulum Jigsaw, highlighting its ergonomic design and key features such as the handle, motor housing, and base plate.

Key Components:

- **Handle:** Ergonomic grip for comfortable operation.
- **On/Off Trigger:** Activates and deactivates the tool.
- **Base Plate:** Adjustable for bevel cuts.
- **Blade Clamp:** Securely holds the saw blade.
- **Laser Guide:** Projects a line for accurate cutting.
- **LED Work Light:** Illuminates the cutting area.
- **Dust Extraction Port:** For connecting an external dust extraction system.
- **Orbital Action Selector:** Adjusts the blade's orbital movement for different materials and cutting speeds.
- **Parallel Guide:** For making straight cuts parallel to an edge.

4. SETUP

4.1. Installing and Removing Saw Blades

1. Ensure the tool is unplugged from the power source.
2. Open the blade clamp lever.
3. Insert the saw blade into the blade holder with the teeth facing forward. Ensure it is fully seated.
4. Close the blade clamp lever firmly until it clicks into place.
5. To remove, reverse the process. Be cautious as the blade may be hot after use.



Figure 4.1: Various saw blades and the parallel guide accessory included with the jigsaw, demonstrating the range of cutting options.

4.2. Adjusting the Base Plate for Bevel Cuts

The base plate can be adjusted for angled cuts (bevels) at 0° , 22.5° , and 45° to the left or right.

1. Loosen the base plate locking mechanism (tool-free adjustment).
2. Tilt the base plate to the desired angle, aligning it with the angle indicators.
3. Securely tighten the locking mechanism.

4.3. Setting the Orbital Action

The orbital action feature allows the blade to move in an elliptical motion, providing faster cutting, especially in wood. There are typically multiple settings (0 to 3 or 4).



Figure 4.2: An illustration showing the different positions of the jigsaw's orbital action, indicating how the blade moves for various cutting tasks.



Figure 4.3: Close-up view of the orbital action selector switch, typically numbered to indicate different settings for cutting various materials.

- **Setting 0 (No Orbital Action):** For fine cuts in metal, plastics, and delicate materials.
- **Settings 1-3 (Increasing Orbital Action):** For faster cutting in wood and softer materials. Higher settings provide more aggressive cuts.

Select the appropriate setting based on the material and desired cut quality.

4.4. Connecting Dust Extraction

For a cleaner work environment and improved visibility, connect an external dust extraction system to the dust port at the rear of the tool.



Figure 4.4: The jigsaw connected to an external dust extraction hose, demonstrating how to maintain a clean cutting line and work area.

5. OPERATING

5.1. General Cutting Procedure

1. Mark your cutting line on the workpiece.
2. Place the base plate flat on the workpiece, ensuring the blade is clear of the material.
3. Start the tool by pressing the On/Off trigger. Allow the blade to reach full speed before engaging the material.
4. Slowly guide the blade into the workpiece along your marked line. Apply steady, even pressure. Do not force the tool.
5. Maintain a firm grip on the tool with both hands.
6. Once the cut is complete, release the trigger and wait for the blade to stop completely before lifting the tool from the workpiece.

5.2. Using the Laser Guide and LED Work Light

The laser guide projects a red line onto the workpiece, indicating the cutting path, which helps in achieving straight and accurate cuts. The LED work light illuminates the cutting area for better visibility.



Figure 5.1: The jigsaw in operation, demonstrating the laser guide projecting a visible line onto the workpiece for precise cutting alignment.

Activate the laser guide and LED light using their respective switches (refer to your tool's specific controls). Align the projected laser line with your marked cutting line for enhanced accuracy.

5.3. Using the Parallel Guide

The parallel guide helps in making straight cuts parallel to an edge of the workpiece.



Figure 5.2: The jigsaw positioned on a wooden board, utilizing the parallel guide to ensure a straight and consistent cut along the edge.

1. Insert the parallel guide into the designated slots on the base plate.
2. Adjust the guide to the desired distance from the blade and tighten its locking screw.
3. Rest the guide against the edge of the workpiece and proceed with your cut.

5.4. Dust Blower Function

The integrated dust blower directs air towards the cutting line, keeping it clear of sawdust and improving visibility during operation. This function is typically active when the tool is running.

6. MAINTENANCE

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

- **Cleaning:** After each use, unplug the tool and clean the ventilation slots and the blade area with a soft brush or compressed air. Do not use water or chemical cleaners.
- **Blade Replacement:** Always replace dull or damaged blades promptly. Refer to section 4.1 for blade installation.
- **Power Cord:** Regularly inspect the power cord for any damage. If damaged, have it replaced by a qualified electrician.
- **Storage:** Store the jigsaw in a dry, secure place, out of reach of children.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty switch; carbon brushes worn.	Check power connection; contact service center for switch/brush replacement.
Blade not cutting straight.	Dull or bent blade; incorrect blade for material; base plate not set correctly.	Replace blade; use appropriate blade; check base plate angle.
Excessive vibration.	Loose blade; damaged blade; internal issue.	Ensure blade is secure; replace blade; contact service center.
Motor overheats.	Overloading the tool; blocked ventilation slots.	Reduce cutting pressure; clean ventilation slots.

8. SPECIFICATIONS

Technical data for the Parkside PSTD 800 B2 Pendulum Jigsaw:

Feature	Specification
Model	PSTD 800 B2
Power Input	800 W
No-load Stroke Rate	0 - 3100 min ⁻¹
Max. Cutting Depth (Wood)	80 mm
Max. Cutting Depth (Metal)	8 mm
Bevel Cut Angle	0°, 22.5°, 45° (left/right)
Cable Length	Approx. 3 m
Dimensions (L x W x H)	Approx. 25 x 10 x 30 cm
Weight	Approx. 2.66 kg
Power Source	Corded Electric

9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please refer to the warranty card included with your product or visit the official Parkside website. Keep your purchase receipt as proof of purchase.

If you encounter any issues not covered in this manual, please contact Parkside customer service for assistance.