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PARKSIDE PSTDA 20-Li A2

PARKSIDE PSTDA 20-Li A2 Cordless Jigsaw User Manual

Model: PSTDA 20-Li A2

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1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your PARKSIDE PSTDA 20-Li A2 Cordless Jigsaw. Please read these instructions carefully before using the tool and keep them for future reference. This jigsaw is designed for cutting wood, plastic, metal, and light building materials.

2. GENERAL SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious 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. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the jigsaw. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

3. PRODUCT OVERVIEW

The PARKSIDE PSTDA 20-Li A2 Cordless Jigsaw is designed for versatile cutting tasks. Familiarize yourself with the components before operation.

3.1 Main Components

- **Jigsaw Body:** The main housing containing the motor and controls.
- **Battery Pack:** Provides power to the tool (20V X 20 V Team series compatible).
- **Charger:** For recharging the battery pack.
- **Saw Blades:** Includes wood and metal blades (Swiss Made).
- **Parallel Guide:** For precise straight cuts.
- **Hex Key:** For adjustments.

- **Dust Extraction Adapter:** For connecting to an external dust extraction system.
- **LED Work Light:** Illuminates the cutting area.
- **Pendulum Stroke Adjustment:** 3-stage adjustable for faster cutting or finer finish.
- **Cutting Angle Adjustment:** Selectable angles (0°/15°/30°/45°).
- **SAW LOCK Quick-Change System:** For easy blade replacement.

3.2 Product Views



Figure 1: Main view of the PARKSIDE PSTDA 20-Li A2 Cordless Jigsaw with battery attached.



Figure 2: The jigsaw shown with the dust extraction hose connected, ready for use.



Figure 3: Side view of the jigsaw, highlighting the ergonomic soft grip and controls.



Figure 4: Included accessories: saw blades, parallel guide, hex key, dust adapter, and battery charger.



Figure 5: A PARKSIDE X20V TEAM battery pack being charged on its dedicated charger.



Figure 6: The robust transport case for storing and carrying the jigsaw and its accessories.

4. SETUP

4.1 Charging the Battery

1. Ensure the battery pack is clean and dry before charging.
2. Connect the charger to a suitable power outlet.
3. Slide the battery pack onto the charger until it clicks into place.
4. Monitor the charging indicator lights on the charger. Once fully charged, disconnect the battery.

4.2 Installing the Saw Blade

The jigsaw features a SAW LOCK quick-change system for easy blade installation.

1. Ensure the battery is removed from the jigsaw before changing blades.
2. Push the blade quick-release lever (if present) or twist the blade holder.
3. Insert the saw blade with the teeth facing forward into the blade holder until it locks into place. Ensure the blade is fully seated.
4. Gently pull on the blade to confirm it is securely fastened.

4.3 Attaching the Dust Extraction Adapter

1. Locate the dust extraction port at the rear of the jigsaw.
2. Slide the dust extraction adapter onto the port.
3. Connect a suitable vacuum cleaner hose to the adapter for effective dust removal during operation.

4.4 Installing the Parallel Guide

1. Insert the parallel guide into the designated slot on the base plate of the jigsaw.
2. Adjust the guide to the desired cutting width.
3. Tighten the locking screw to secure the parallel guide in position.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. To start the jigsaw, press the ON/OFF switch. The LED work light will illuminate.
2. To stop the jigsaw, release the ON/OFF switch.

5.2 Adjusting Pendulum Stroke

The jigsaw offers a 3-stage adjustable pendulum stroke and a fine-cut setting (0-3). The pendulum action allows for faster cutting in softer materials, while the fine-cut setting is for precise cuts in harder materials or when a clean edge is required.

1. Locate the pendulum stroke adjustment lever on the side of the tool.
2. Select the desired setting: 0 for fine cuts, 1-3 for increasing pendulum action.

5.3 Adjusting Cutting Angle (Bevel Cuts)

The base plate can be tilted for bevel cuts at 0°, 15°, 30°, and 45° to both the left and right.

1. Loosen the screws securing the base plate with the hex key.
2. Tilt the base plate to the desired angle, aligning it with the angle markings.
3. Tighten the screws firmly to secure the base plate.

5.4 Cutting Operation



Figure 7: A user operating the jigsaw to cut a piece of wood, demonstrating proper handling.



Figure 8: The jigsaw in action, cutting a wooden board with the parallel guide for a straight edge.

1. Secure the workpiece firmly to prevent movement during cutting.
2. Place the base plate flat on the workpiece.
3. Start the jigsaw and allow it to reach full speed before engaging the blade with the material.
4. Guide the jigsaw along the cutting line with steady, even pressure. Do not force the tool.
5. For optimal results and safety, ensure the transparent saw guard and splinter guard are in place.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your jigsaw.

6.1 Cleaning

1. Always remove the battery pack before cleaning.
2. Clean the ventilation slots and the tool housing regularly with a soft brush or compressed air.
3. Remove any sawdust or debris from the base plate and blade area.

6.2 Blade Replacement

Replace saw blades when they become dull or damaged. Refer to section 4.2 for blade installation instructions.

6.3 Battery Care

- Store battery packs in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store fully discharged batteries for extended periods. Recharge them periodically.

- Avoid exposing batteries to water or moisture.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------|--|--|
| Jigsaw does not start. | Battery not charged or improperly inserted. | Charge the battery. Ensure the battery is fully inserted until it clicks. |
| Poor cutting performance. | Dull or incorrect blade. Incorrect pendulum setting. | Replace the blade. Use the appropriate blade for the material. Adjust pendulum stroke. |
| Excessive vibration. | Loose blade. Damaged blade. | Ensure blade is securely fastened. Replace damaged blade. |
| Dust accumulation. | Dust extraction not connected or blocked. | Connect dust extraction. Clear any blockages in the adapter or hose. |

8. TECHNICAL SPECIFICATIONS

| Feature | Specification |
|--------------------------------------|--|
| Model | PSTDA 20-Li A2 |
| Brand | PARKSIDE |
| Voltage | 20 Volt |
| No-load Stroke Rate | 0 – 2700 strokes/min |
| Stroke Length | 20 mm |
| Max. Cutting Depth (Wood) | 80 mm |
| Max. Cutting Depth (Metal) | 5 mm |
| Max. Cutting Depth (Aluminum) | 12 mm |
| Bevel Cut Angle | 0°/15°/30°/45° (left/right) |
| Pendulum Stroke Settings | 1 - 3 and fine cut setting |
| Product Dimensions (without battery) | 23.7 x 19.7 x 7.3 cm |
| Weight (without battery) | 1.679 kg |
| Total Weight (with packaging) | 4.5 kg |
| Battery Type | Lithium-ion |
| Special Features | Brushless motor, Integrated LED work light, SAW LOCK quick-change system |

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. If you require technical support or have questions regarding the operation or maintenance of your PARKSIDE PSTDA 20-Li A2 Cordless Jigsaw, please contact PARKSIDE customer service or your authorized dealer.

