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PARKSIDE IAN-100368894

PARKSIDE PSSPA 20-Li Cordless Jigsaw User Manual

Model: **PSSPA 20-Li (IAN-100368894)** | Brand: **PARKSIDE**

1. INTRODUCTION

Thank you for choosing the PARKSIDE PSSPA 20-Li Cordless Jigsaw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before first use and keep it for future reference.

The PARKSIDE PSSPA 20-Li is a powerful cordless jigsaw designed for precise cutting in various materials, featuring a brushless motor for extended life and adjustable settings for optimal performance.



Image 1.1: The PARKSIDE PSSPA 20-Li Cordless Jigsaw. This image shows the overall design of the jigsaw, highlighting its ergonomic grip, blade guard, and battery slot.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual handy for quick reference.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask. Dress properly. Do not overreach. Maintain proper footing and balance at all times.
- **Power 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 and/or 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.

Specific Jigsaw Safety:

- Hold power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- Use clamps or another practical way to secure and support the workpiece to a stable platform.
- Ensure the blade is securely fastened before operation.
- Do not touch the blade immediately after use as it may be hot.

3. PRODUCT FEATURES

The PARKSIDE PSSPA 20-Li Jigsaw is equipped with advanced features for enhanced performance and user convenience:

- **Brushless Motor:** Provides less wear for extended tool life and efficient operation.
- **Adjustable Pendulum Action:** 3-position pendulum stroke for optimal curve cutting and faster work progress. A fine-cut function without pendulum action is also available.
- **Variable Speed Control:** 7 speed settings, including 1 automatic mode and 6 adjustable speeds, for precise control over different materials. Maximum speed of 3800 strokes per minute.
- **Adjustable Cutting Angles:** 5 adjustable cutting angles (0°, 22.5°, 45°) for versatile applications.
- **Integrated LED Work Light:** Features two advanced functions: illumination before machine start and illumination for approximately 10 seconds after operation.
- **Keyless SAW LOCK Chuck:** Allows for easy and quick saw blade changes.
- **Splinter Guard:** Prevents splintering for cleaner cuts.
- **Blower Function:** Ensures a splinter-free cutting line by clearing sawdust.
- **External Dust Extraction Connection:** With adapter for connecting to an external vacuum system.
- **Transparent Blade Guard:** Foldable and removable for safety and visibility.
- **Ergonomic Softcoat Coating:** Provides a comfortable and secure grip.
- **Plastic Glider:** Protects the workpiece surface.
- **Compatibility:** Part of the PARKSIDE X 20V Team series, compatible with 20V (2Ah) / 20V (4Ah) batteries (battery and charger not included).



Image 3.1: Illustration of the jigsaw's adjustable pendulum action. This image visually represents the different cutting angles and pendulum settings available on the tool.



Image 3.2: The PARKSIDE X 20V Team system. This image shows the central battery and charger surrounded by various compatible tools, illustrating the versatility of the 20V battery platform.

4. WHAT'S IN THE BOX

Upon unpacking your PARKSIDE PSSPA 20-Li Jigsaw, please ensure all listed items are present:

- 1 x Plastic Glider
- 2 x Wood Saw Blades (Swiss Made)
- 1 x Metal Saw Blade (Swiss Made)
- 1 x Parallel Guide
- 1 x Hex Key
- 1 x Adapter for External Dust Extraction System

Note: Battery and charger are not included and must be purchased separately.



Image 4.1: Included accessories for the jigsaw. This image displays the various saw blades (for wood and metal) and the parallel guide that come with the tool.



Image 4.2: The robust carrying case for the jigsaw. This image shows the durable case designed for storing and transporting the tool and its accessories.



Image 4.3: Visual representation indicating that the battery and charger are sold separately. This image clearly shows a battery and charger with a red cross over them.

5. SETUP

5.1 Installing/Changing Saw Blades

1. Ensure the tool is switched off and the battery pack is removed.
2. Open the keyless SAW LOCK chuck by pushing the lever.
3. Insert the desired saw blade into the chuck with the teeth facing forward. Ensure it is fully seated.
4. Release the lever to secure the blade. Gently pull on the blade to confirm it is locked in place.

5.2 Attaching the Battery Pack

1. Align the battery pack with the battery slot on the jigsaw.
2. Slide the battery pack into the slot until it clicks securely into place.
3. To remove, press the release button on the battery pack and slide it out.

5.3 Adjusting Cutting Angle (Bevel Cut)

1. Loosen the base plate adjustment screws.
2. Tilt the base plate to the desired angle (0°, 22.5°, or 45°). Use the angle markings for reference.
3. Tighten the adjustment screws firmly to secure the base plate.

6. OPERATING

6.1 Powering On/Off

- To turn on, press the ON/OFF switch. The LED work light will illuminate.
- To turn off, release the ON/OFF switch. The LED work light will remain on for approximately 10 seconds after release.

6.2 Adjusting Speed

The jigsaw offers 7 speed settings. Use the speed selector dial to choose the appropriate speed for your material:

- **Automatic Mode:** The tool automatically adjusts speed based on load.
- **Adjustable Speeds (1-6):** Manually select a speed for consistent cutting. Lower speeds are suitable for harder materials or intricate cuts, while higher speeds are for softer materials and faster cuts.

6.3 Setting Pendulum Action

The pendulum action can be adjusted in 3 positions, plus a fine-cut (0) setting:

- **Position 0 (Fine Cut):** No pendulum action, for very fine and precise cuts, especially in delicate materials.
- **Positions 1-3:** Increasing pendulum action for faster cutting in wood and other soft materials. Higher settings are for rougher, faster cuts.

Adjust the pendulum action using the lever on the side of the tool.



Image 6.1: The PARKSIDE PSSPA 20-Li Jigsaw in action, cutting a wooden workpiece. This image demonstrates the tool's practical application during a cutting task.

6.4 Dust Extraction

For a cleaner work environment and improved visibility of the cutting line, connect an external dust extraction system using the provided adapter. The integrated blower function also helps keep the cutting line clear.

7. MAINTENANCE

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

7.1 Cleaning

- Always remove the battery pack before cleaning.
- Clean the tool housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Regularly clear sawdust and debris from the ventilation openings and the blade area. Use compressed air if available.

7.2 Blade Care

- Inspect saw blades before each use for sharpness and damage. Replace dull or damaged blades

immediately.

- Store blades in a dry place to prevent rust.

7.3 Storage

Store the jigsaw in its carrying case in a dry, secure place, out of reach of children. Ensure the battery is removed if storing for extended periods.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your jigsaw.

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged.	Ensure battery is fully inserted. Recharge or replace battery.
Blade bends or wobbles during cutting.	Dull blade, incorrect blade for material, excessive force, or loose blade.	Replace blade. Use appropriate blade type. Reduce cutting pressure. Ensure blade is securely fastened in chuck.
Poor cut quality / splintering.	Incorrect speed/pendulum setting, dull blade, or no splinter guard.	Adjust speed and pendulum action. Replace blade. Ensure splinter guard is in place.
Base plate changes angle during operation.	Adjustment screws not tightened sufficiently.	Ensure base plate adjustment screws are firmly tightened before use.

9. SPECIFICATIONS

Feature	Specification
Model Number	IAN-100368894
Manufacturer	PARK SIDE
Product Dimensions	43 x 35 x 11 cm
Item Weight	3.19 Kilograms
Drive Type	Battery Powered
Voltage	20 Volts

Feature	Specification
Wattage	80 Watts
Blade Length	135 Millimeters
Speed	3800 Revolutions per Minute (Strokes per Minute)
Max. Cutting Depth (Wood)	135 mm
Max. Cutting Depth (Metal)	20 mm
Max. Cutting Depth (Steel)	10 mm
Pendulum Movement	3 Positions
Adjustable Cutting Angles	5 (0°, 22.5°, 45°)
Special Features	Depth adjustment, Suitable for bevel cuts
Certification	CE

10. WARRANTY AND SUPPORT

PARKSIDE products are manufactured to strict quality standards and undergo thorough quality control before leaving the factory. In the unlikely event of a defect, please contact your retailer or the PARKSIDE customer service department for assistance.

Please retain your proof of purchase (receipt) as it will be required for any warranty claims. The warranty period and conditions may vary by region and retailer.

For further support, technical assistance, or to inquire about spare parts and accessories, please refer to the contact information provided with your purchase or visit the official PARKSIDE website.

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