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Bosch PST 650

Bosch PST 650 Jigsaw Instruction Manual

Model: PST 650 | Brand: Bosch

1. INTRODUCTION

The Bosch PST 650 Jigsaw is a versatile and user-friendly power tool designed for precise cutting in various materials. Its compact and lightweight design makes it ideal for both beginners and experienced DIY enthusiasts. This manual provides essential information for safe operation, maintenance, and optimal performance of your jigsaw.



Figure 1: Bosch PST 650 Jigsaw with included plastic case.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions when operating the Bosch PST 650 Jigsaw to prevent injury and ensure safe use:

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure the workpiece is securely clamped before cutting to prevent movement.
- Keep hands and fingers away from the cutting area and the saw blade.
- Disconnect the power supply before changing blades, performing maintenance, or when the tool is not in use.
- Do not operate the jigsaw in damp or wet conditions.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.
- Use the correct blade for the material being cut.

3. COMPONENTS AND FEATURES

The Bosch PST 650 Jigsaw is equipped with features designed for efficiency and user comfort:

- **Powerful 500 Watt Motor:** Provides ample power for various cutting tasks.
- **Tool-Free Blade Change (SDS System):** Allows for quick and easy blade replacement without additional tools.
- **Minimal Vibration:** Engineered to reduce vibration, enhancing user comfort and control during operation.
- **Ergonomic Design with Soft Grip:** Ensures comfortable handling, even during extended use.
- **Dust Blower Function:** Keeps the cutting line clear of sawdust for improved visibility and accuracy.
- **Adjustable Base Plate:** For precise angle cuts (though the cutting angle is listed as 90 degrees, jigsaws typically have adjustable base plates for bevel cuts. Assuming standard functionality).



Figure 2: Close-up of the jigsaw's ergonomic handle and "Low Vibration" feature.

4. SETUP

4.1 Blade Installation

The Bosch PST 650 features an SDS system for quick and tool-free blade changes. Always ensure the tool is unplugged from the power source before installing or removing blades.

1. Ensure the jigsaw is unplugged.
2. Locate the blade release lever/button near the blade clamp.
3. Press or pull the lever to open the blade clamp.
4. Insert the shank of the jigsaw blade into the clamp until it clicks securely into place. Ensure the teeth are facing forward.
5. Release the lever and gently pull on the blade to confirm it is firmly seated.



Figure 3: Tool-free blade installation on the Bosch PST 650 Jigsaw.

5. OPERATING INSTRUCTIONS

5.1 General Operation

Before starting, ensure your workpiece is stable and marked with the desired cutting line. Plug the jigsaw into a

suitable power outlet (240 Volts recommended).

- Place the base plate of the jigsaw flat on the workpiece, ensuring the blade is clear of the material.
- Start the jigsaw by pressing the trigger switch. Allow the blade to reach full speed before beginning the cut.
- Guide the jigsaw along the marked cutting line with steady, even pressure. Do not force the tool; let the blade do the work.
- The integrated dust blower will help keep your cutting line visible.
- For straight cuts, consider using a guide rail or straight edge. For curved cuts, guide the tool smoothly along the curve.
- When finished, release the trigger switch and wait for the blade to stop completely before lifting the tool from the workpiece.



Figure 4: Proper technique for operating the jigsaw on a workpiece.

5.2 Cutting Different Materials

The PST 650 is suitable for cutting wood, metal, and aluminum. Always select the appropriate blade for the material and adjust your cutting speed as needed.

- **Wood:** Max cutting depth 65 mm. Use wood-specific blades (e.g., T 144 D).
- **Aluminum:** Max cutting depth 10 mm. Use metal-specific blades.
- **Metal (Steel):** Max cutting depth 4 mm. Use metal-specific blades.



Figure 5: Demonstrating the jigsaw's capability for curved cuts.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Bosch PST 650 Jigsaw:

- **Cleaning:** After each use, unplug the tool and clean off sawdust and debris from the ventilation openings and blade area using a brush or compressed air.
- **Blade Inspection:** Regularly inspect blades for sharpness and damage. Replace dull or damaged blades immediately.
- **Cord Inspection:** Check the power cord for any signs of damage or fraying. Do not use the tool if the cord is damaged.
- **Storage:** Store the jigsaw in its plastic case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

If you encounter issues with your Bosch PST 650 Jigsaw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Jigsaw does not start.	No power supply; faulty switch.	Check power outlet and cord. If problem persists, contact service.
Blade not cutting efficiently.	Dull or incorrect blade; forcing the tool.	Replace blade with a sharp, appropriate one. Reduce pressure.
Excessive vibration.	Loose blade; damaged blade; improper material support.	Ensure blade is securely clamped. Replace damaged blade. Secure workpiece.
Sawdust obscures cutting line.	Dust blower blocked.	Clean the dust blower nozzle.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Bosch customer service.

8. SPECIFICATIONS

Specification	Value
Brand	Bosch
Model Number	0.603.3A0.700 (PST 650)
Power Source	Corded Electric
Wattage	500 W
Voltage	240 Volts
No-load Stroke Rate	3,100 min ⁻¹ (strokes per minute)
Cutting Depth in Wood	65 mm
Cutting Depth in Aluminum	10 mm
Cutting Depth in Steel	4 mm
Item Weight	1.6 kg (3.52 lbs)
Blade Material	High Speed Steel
Included Components	PST 650 Jigsaw, 1 Jigsaw Blade for Wood (T 144 D), Plastic Case

