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## Bosch Professional GST 700

# Bosch Professional Jigsaw GST 700 Instruction Manual

## 1. INTRODUCTION

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Thank you for choosing the Bosch Professional Jigsaw GST 700. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new jigsaw. Please read these instructions carefully before use and keep them for future reference.

The Bosch Professional Jigsaw GST 700 is a powerful tool designed for precise cutting in various materials. It features a rated input power of 500 W and a no-load stroke rate of 1,450 – 3,200 strokes per minute, ensuring high performance in cutting speed and quality. Its design allows for improved cutting results across different materials and offers faster, easier blade changes.



Image 1.1: The Bosch Professional Jigsaw GST 700. This image shows the blue and black jigsaw with its ergonomic handle and blade guard, ready for use.

## 2. SAFETY INSTRUCTIONS

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### General Power Tool Safety Warnings:

- Always wear eye protection, hearing protection, and a dust mask when operating the jigsaw.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.
- Do not overreach. Keep proper footing and balance at all times.
- Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.

### Jigsaw Specific Safety Warnings:

- Hold the tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- Secure the workpiece. Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.
- Never place your hands in the cutting path.

- Ensure the blade is sharp and suitable for the material being cut.
- Do not force the saw. Let the blade do the work.

## 3. SETUP

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Before operating your Bosch Professional Jigsaw GST 700, ensure it is properly set up for the task.

### 3.1 Blade Installation

1. **Disconnect Power:** Always unplug the jigsaw from the power source before installing or changing blades.
2. **Open Blade Clamp:** Locate the blade clamp mechanism. For the GST 700, blade changes are typically keyed. Use the provided key to loosen the blade clamp screw.
3. **Insert Blade:** Insert the shank of the jigsaw blade into the blade holder with the teeth facing forward. Ensure the blade is fully seated and the back edge of the blade fits into the guide roller.
4. **Secure Blade:** Tighten the blade clamp screw firmly with the key. Gently pull on the blade to ensure it is securely locked in place.

### 3.2 Base Plate Adjustment

The base plate can be adjusted for bevel cuts. To adjust the cutting angle:

1. **Loosen Screws:** Loosen the screws that secure the base plate to the jigsaw body.
2. **Adjust Angle:** Tilt the base plate to the desired angle (up to 45 degrees). Use the angle scale on the base plate for accuracy.
3. **Tighten Screws:** Securely tighten the base plate screws to lock the angle in position.

### 3.3 Dust Extraction Connection

For cleaner operation and improved visibility, connect a dust extraction system to the jigsaw's dust port. Ensure the hose is securely attached and does not interfere with the cutting operation.



Image 3.1: The Bosch Professional Jigsaw GST 700 in its retail packaging. The packaging highlights key features like 500W power and variable speed.

## 4. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your jigsaw.

### 4.1 Powering On/Off

- **To Turn On:** Press the ON/OFF switch. For continuous operation, press the lock-on button.
- **To Turn Off:** Release the ON/OFF switch. If the lock-on button is engaged, press the ON/OFF switch again to release it.

### 4.2 Speed Control

The GST 700 features variable speed control, allowing you to match the cutting speed to the material. Adjust the speed dial to the desired setting. Lower speeds are suitable for harder materials like metal, while higher speeds are for softer materials like wood.

### 4.3 Cutting Techniques

#### Straight Cuts:

- Mark your cutting line clearly.
- Place the jigsaw's base plate flat on the workpiece, ensuring the blade is aligned with the cutting line.

- Start the saw before it contacts the workpiece.
- Guide the saw steadily along the line, applying gentle forward pressure. Do not force the tool.

#### **Curved Cuts:**

- Use a narrow blade designed for curved cuts.
- Proceed slowly, allowing the blade to follow the curve. Avoid sharp turns that can bind or break the blade.

#### **Plunge Cuts (without pre-drilling):**

- Tilt the jigsaw forward so the front edge of the base plate rests on the workpiece, with the blade clear of the surface.
- Start the saw at full speed.
- Slowly pivot the saw downwards, allowing the blade to plunge into the material.
- Once the blade has fully penetrated, level the base plate and continue cutting as usual.



Image 4.1: A craftsman uses the Bosch Professional Jigsaw GST 700 to precisely cut a curved shape from a large wooden panel on the floor of a construction site.



Image 4.2: A worker operates the Bosch Professional Jigsaw GST 700 to cut a wooden board on a sturdy workbench, demonstrating its use in a workshop setting.



Image 4.3: Two individuals are actively using Bosch Professional Jigsaws GST 700 to cut large wooden panels in a spacious workshop, highlighting collaborative work and the tool's application in woodworking.

## 5. MAINTENANCE

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

## 5.1 Cleaning

- **Disconnect Power:** Always unplug the tool before cleaning.
- **Clean Vents:** Keep the ventilation openings clean to prevent motor overheating. Use compressed air to blow out dust and debris.
- **Wipe Down:** Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Blade Area:** Remove any sawdust or debris from the blade area and guide roller.

## 5.2 Blade Replacement

Replace blades when they become dull or damaged. Refer to Section 3.1 for detailed blade installation instructions.

## 5.3 Carbon Brush Inspection

The carbon brushes are wear parts. If the motor sparks excessively or the tool loses power, the carbon brushes may need inspection or replacement. This should ideally be performed by a qualified service technician.

## 5.4 Storage

Store the jigsaw in a dry, secure location out of reach of children. If storing for extended periods, ensure the tool is clean and the power cord is neatly coiled.

# 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Jigsaw does not start.	No power supply; faulty switch; worn carbon brushes.	Check power connection and outlet; replace switch; have carbon brushes inspected/replaced by service.
Poor cut quality (rough edges, splintering).	Dull or incorrect blade; too fast feed rate; incorrect speed setting.	Replace blade or use appropriate blade for material; reduce feed rate; adjust speed setting.
Excessive vibration.	Loose blade; bent blade; damaged guide roller.	Ensure blade is securely clamped; replace bent blade; inspect/replace guide roller.
Blade gets stuck or binds.	Forcing the cut; workpiece not properly supported; incorrect blade for material thickness.	Reduce feed pressure; ensure workpiece is clamped; use a blade suitable for material thickness.

# 7. SPECIFICATIONS

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Detailed technical specifications for the Bosch Professional Jigsaw GST 700.

Feature	Specification
Brand Name	Bosch

Feature	Specification
Model Number	0.601.2A7.020
ASIN	B07CZGLFN5
Global Trade Item Number (GTIN)	03165140898980
Manufacturer	Bosch
First Available Date	September 7, 2018
Product Dimensions (L x W x H)	29.5 x 23 x 9.3 cm
Item Weight	2.66 kg
Rated Input Power	500 W
No-load Stroke Rate	1,450 – 3,200 strokes/min (3200 RPM)
Stroke Length	20 mm
Cutting Depth in Wood	70 mm
Cutting Depth in Aluminum	10 mm
Cutting Depth in Non-alloyed Steel	6 mm
Cutting Angle	45 Degrees
Power Source	Corded Electric
Blade Material	High-Speed Steel
Blade Shape	Rectangular
Blade Length	141.73 inches
Number of Teeth	28
Special Features	Keyed Blade Change
Included Components	Yes
Color	Multi
Surface Recommendation	Wood
Handle Material	Plastic

## 8. WARRANTY AND SUPPORT

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### Warranty Information:

This product carries a manufacturer's warranty for 1 year from the date of purchase. This warranty covers defects in

materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

**Customer Support:**

For maintenance, technical assistance, or further details regarding your warranty, you can contact the manufacturer or their authorized service agent. Alternatively, for purchase-related inquiries, you may contact Amazon customer service. For more information about Bosch Professional products, please visit the official Bosch Professional website or your local authorized dealer.

