ENGINDOT PJS02A Variable Speed Jigsaw Kit User Manual

Contents

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SERVICE CARD

Your Service Includes

- 24-Month Coverage
- Within 24 months of purchase, we will provide timely and effective online after-sales service. We will repair or replace any defective product (due to manufacturing fault) within the service period.

How to Return Your ENGINDOT Product

- Contact **support@engindotools.com** with your order number.
- We will issue you a return label for your return.
- Tear off the “Return Details” page and fill in the details. Include this inside your return package.
- We will issue your replacement/refund on receiving the return package.

Return Details

- In order to process your return as quickly as possible, we require the following information.
- Please fill out this form and include it in your return package.

Purchase Name:	
Order Number:	
Date of Purchase:	
Your Email Address:	
Place of Purchase:	

- If your purchase was fulfilled by Amazon, please use Amazon’s 30-day return service.

Warning symbols

-  **WARNING!** To reduce the risk of injury, user must read instruction manual.
-  Double insulation

General Safety Instructions

WARNING! Read all safety warnings and all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.
The term “power tool” in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

Work area safety

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.
- There is an increased risk of electric shock if your body is earthed or grounded.

- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and / or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power too that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

Service

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Specific Safety Rules

- Only use blades in perfect condition.
- Keep the shoe flat on the work piece.
- Do not put pressure on the saw so that it will slow down.
- Always switch off before you put the jig saw down.
- Disconnect the saw from the power supply when it is not in use, before cleaning and changing saw blades.
- The unit should only be used as a hand-held tool and must never be fixed in an inverted position for use as a bench saw.
- Advice to wear a dust mask.
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

Environmental protection

CAUTION! This product has been marked with a symbol relating to removing electric and electronic waste. This means that this product shall not be discarded with household waste but that it shall be returned to a collection system which conforms to the European WEEE Directive. Contact your local authorities or stocks for advice on recycling. It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.

Tool specifications

techniCAL cHaractEristiCs	
Rated voltage	120Vac/60Hz (6.7A)
No load speed	0-3000 min-¹
Max. Cutting depth Lumber	Lumber: 100mm Metal: 10 mm
Speed Adjusting Range	800~3000 / min
Weight	2.0 kg
LpA (Sound pressure level)	83,89 dB(A) KPA=3dB(A)
LwA (Sound power level)	94,89 dB(A) KWA=3dB(A)
Vibration level	13.621 m/s² K=1.5 m/s²
Protection class	II

that the declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another; that the declared vibration total value may also be used in a preliminary assessment of exposure.
warning: the vibration emission during actual use of the power tool can differ form the declared total value depending on the ways in which the tool is used".

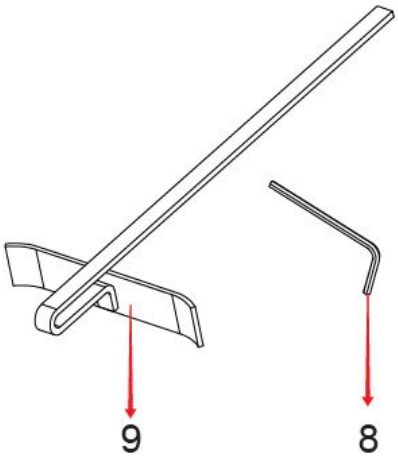
warning: avoid vibration risk.

suggestion

1. wear glove during operation;
2. limit operating time and shorten trigger time.

Parts Identification

1. Power cable sleeve
2. Locking button
3. On / Off switch
4. Inspection guard
5. Saw blade
6. Guide roller
7. Adjustable base
8. Hexagon-socket spanner
9. Parallel guide
10. Blow button
11. Speed adjusting knob
12. On/off trigger for LED light
13. Pendulum adjustment button
14. Dust extractor socket
15. Housing



Operating instructions / Drawings

Power-on indicator
Connect the plug with power, then the power-on indicator will be light. To show the machine is power on. Starting up (Fig.1)

Fig.1

- Instant response operation
- Switching on: Press the On/Off switch
- Switching off: Release the On / Off switch
- Continuous operation
- Switching on: Press the On / Off switch and depress the locking button.
- Switching off: Press the On / Off switch and release

Speed adjustment
The speed can be set with the knob up on the tool. There are six different speeds. Position 1 sets the lowest speed, and position 6 the highest. Hold the handle and turn the speed control to the required position with your thumb.

Setting the Pendulum

- For soft materials (wood, plastic etc.) set the oscillation to position 2 or 3.
- For sharp-edged cuts, set the oscillation to position 0 or 1.
- For medium-hard materials (hard wood, aluminum etc.) set the oscillation to a suitable position for the application.
- For thin workpiece, set the oscillation to position 0 or 1.
- For hard materials (steel etc.) set the oscillation to position 0.
- For round cuts, set the oscillation to position 0.

Mounting the saw blade (Fig.2)

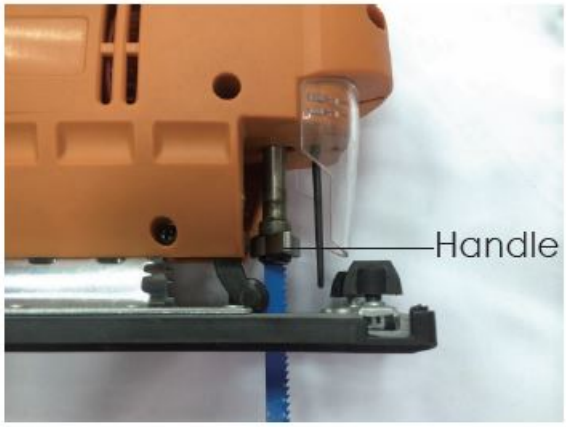


Fig.2

Disconnect the tool from the mains. A special handle ensures quick mounting.
Mount the saw blade

1. Push the handle and keep the holder in open position.
2. Insert the saw blade up to the end into the saw blade holder and release the handle. Make sure the saw blade is touching the guide roller.
3. Slightly pull the saw blade to ensure firm fit.

Remove the saw blade Push the handle and keep the holder in open position, then pull out the saw blade.

Attention: The saw blade will become very hot during cutting due to friction. Pay attention for that when removing the saw blade. Protect yourself with protective gloves if necessary.

Adjusting the base

- For mitering and sawing near edges.
- For miter and bevel cuts you can swivel the base by up to 450 in either direction after undoing the two screws on the bottom. The angles 15°, 30° and 45° are marked but you can adjust the saw to any angle between these markings as required.

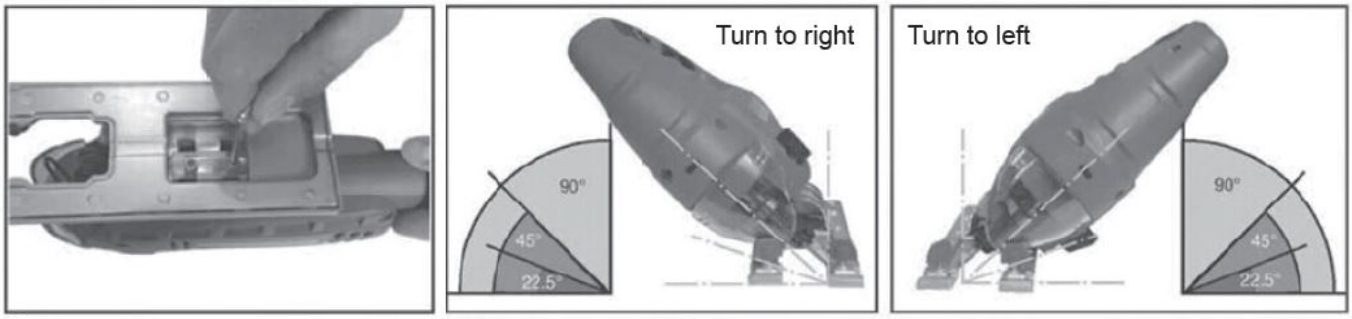


Fig.3

- To adjust the cutting angle, loose the two screws until you can just about move the base and adjust to the required angle, then re-tighten the two screws.
- To enable you to saw right up to the edge, the base can be pushed backward. Loose the two screws underneath and push the base back. Then re-tighten the two screws.
- It is prohibited to use the machine on asbestos materials. Please note the accident prevention regulations in force in you country.
- Cutting veneered chipboard (Fig.4)
- Use a fine saw blade.
- Position the base on the uncovered area Advance the saw with little force.

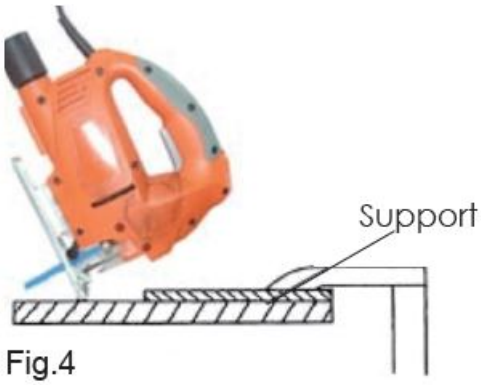


Fig.4

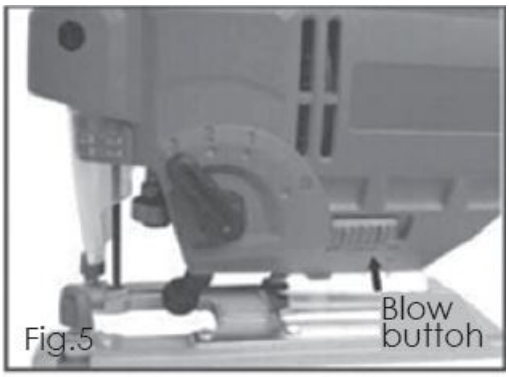
Cutting holes: possible only in chipboard and wood unless you drill a hole first. Press the jigsaw firmly against the support and move slowly in cutting direction.

Parallel guide
Use the supplied parallel guide to saw parallel to the edge of the workpiece.

1. Loose the finger screws on the front of the base plate.
2. Insert the parallel guide from the side in the slot in the base plate.
3. Lock the parallel guide in the required position with the finger screws.
4. Adjust the required cutting width in centimeter by putting the corresponding value on the scale by the laser on the base plate.
5. Tighten the finger screws with your finger.

Blow button

The blow button, it marked “off↔on” under the button.



- The tool is in blow mode when the blow button is in the “on” position. The blow function is activated by pressing the power switch.
- The dust extraction function is activated when the blow button is in the “off” position.

LED light
The LED light will light when you press the on/off trigger.

Dust extraction
The jig saw is equipped with a dust extractor socket. Any vacuum cleaner can be connected to the socket at the rear of the jig saw. If you require a special adapter, please contact the manufacture of your vacuum cleaner.

Maintenance and Service

WARNING: Before any work on the machine, pull the mains plug from the power source.

- Only use accessories and spare parts recommended by the manufacturer. If the equipment should fail some day in spite of our quality controls and your maintenance, only have it repaired by an authorised electrician.
- If the carbon brushes need to be replaced, have this done by a qualified repair person (always replace the two brushes at the same time.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service anent in order to avoid a hazard. Disconnect from the power supply immediately if the supply cord is damaged.

Clean

- For safe and proper working, always keep the machine and ventilation slots clean.
- Clean dust and debris from vents, Keep the tool handles clean and free of oil or grease, Use only mild soap and a damp cloth to clean your tool since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Never use flammable or combustible solvents around tools.

CONTACT

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Made in China

Documents / Resources

	ENGINDOT PJS02A Variable Speed Jigsaw Kit [pdf] User Manual PJS02A Variable Speed Jigsaw Kit, PJS02A, Variable Speed Jigsaw Kit, Speed Jigsaw Kit, Jigsaw Kit

References

- User Manual

Manuals+,