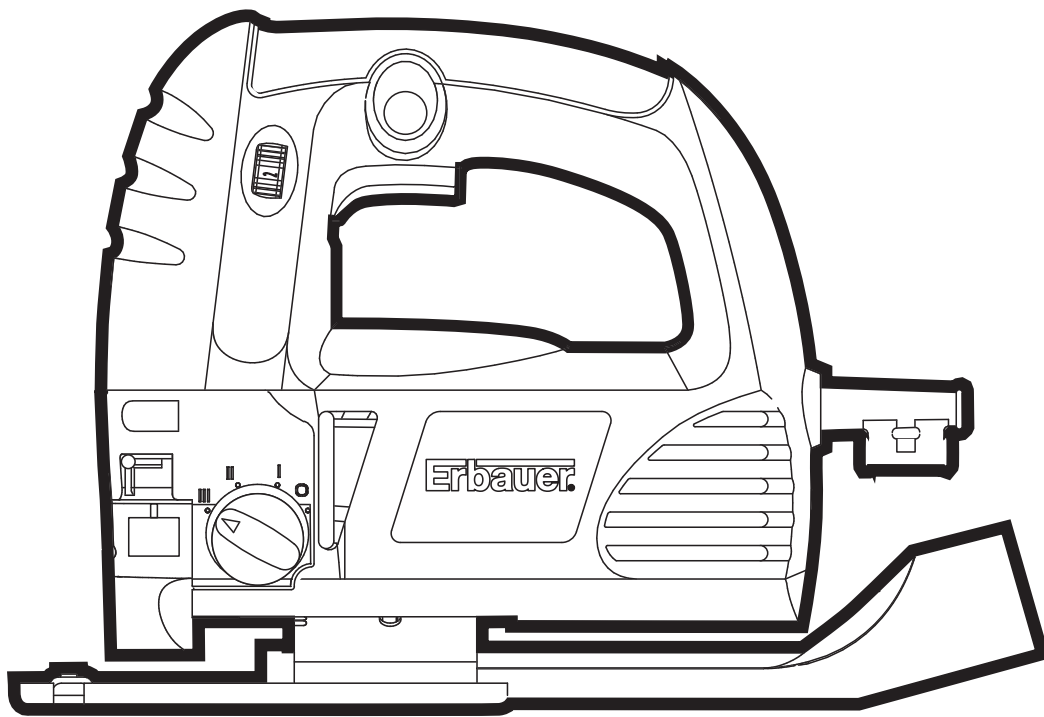




Erbauer®



ERB706SA

2 WARRANTY
YEARS

650W PENDULUM JIGSAW





Erbauer®

Congratulations on your purchase of a quality power tool from Screwfix Direct Ltd. This product should give you reliable service but for your peace of mind this ~~Erbauer~~ power tool does carries a 24-month guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact Screwfix Direct Ltd on Freephone 0500 41 41 41.

Please retain this handbook in case you need to refer to safety, care or guarantee information in the future.

GUARANTEE

This ~~Erbauer~~ product carries a Screwfix Direct Ltd guarantee of 24 months. If your product develops a fault within this period, you should in the first instance contact Screwfix Direct Ltd on Freephone 0500 41 41 41. If the fault occurs within the first 24 months, you may return the goods for a full refund or we will repair or replace the goods if you prefer. When repair is not practical or identical goods are not available, alternative goods of similar specification and quality will usually be provided but, failing this, you will be offered a partial or full refund depending on the time period since purchase.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods
- Repairs attempted by anyone, unless authorized by Screwfix Direct Ltd.

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer helpline number on 0845 607 6380

650W PENDULUM JIGSAW



SAFETY INSTRUCTIONS



WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

SAVE THESE INSTRUCTIONS

1. WORK AREA

- a. Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- b. 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.
- c. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

- a. 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.
- b. 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.
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.**
- d. 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.
- e. 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.
- f. Use a residual circuit breaker on all 230V power tools.** This can help minimise the risk of an electrical shock if an earth fault or short circuits occurs.
- g. If using a power cable extension ensure that the cable is fully unwound and that its length is less than 30m.** Lengths over 30m will effect the tools performance as a result of voltage drop.

3. PERSONAL SAFETY

- a. 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.
- b. Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. Avoid accidental starting.** Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d. 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.
- e. Do not overreach.** Keep proper footing and balance at all times. This enables



better control of the power tool in unexpected situations.

f. 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.

g. 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.

4. POWER TOOL USE AND CARE

a. 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.

b. Do not use the power tool if the switch does not turn it on and off. Any power tool that can not be controlled with the switch is dangerous and must be repaired.

c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventative safety measures reduce the risk of starting the power tool accidentally.

d. 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.

e. 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.


f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. 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.

5. SERVICE

a. Have your power tool serviced by a qualified repairperson using only genuine replacement parts. This will ensure that the safety of the power tool is maintained.

6. HEALTH ADVICE

 **WARNING!** When drilling, sanding, sawing or grinding, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint).


You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure. You should:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

650W PENDULUM JIGSAW



ADDITIONAL SAFETY POINTS FOR YOUR JIGSAWS

1. If the supply cord is damaged have it replaced by a qualified person.
2. Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
3. Ensure your mains supply voltage is the same as your tool rating plate voltage.
4. Your tool is double insulated for additional protection against a possible electrical insulation failure within the tool. 
5. Always check walls and ceilings to avoid hidden power cables and pipes.
6. After long working periods, external metal parts and accessories could be hot.
7. Wear eye protection when operating this tool.
8. The base plate must always be held firmly against the material being cut to reduce saw vibration, blade jumping and blade breakage.
9. If possible, ensure the workpiece is firmly clamped to prevent movement.
10. Your Jigsaw is a hand held tool, do not clamp your Jigsaw.
11. Before cutting, check the cutting line is free of nails, screws, etc.
12. Never stop the cutting blade by applying side pressure to the blade.
13. Only withdraw the blade from the cut when the blade has stopped moving.
14. Only use blades in excellent cutting condition.
15. Always use the appropriate safety equipment that is required for the product. e.g. Goggles / Safety Spectacles, Ear defenders (essential with tools with a noise rating of over 85 dB(A), Gloves and face masks. In all cases ensure that the safety equipment is in good condition.



SYMBOLS



Read the manual



Warning



Wear gloves

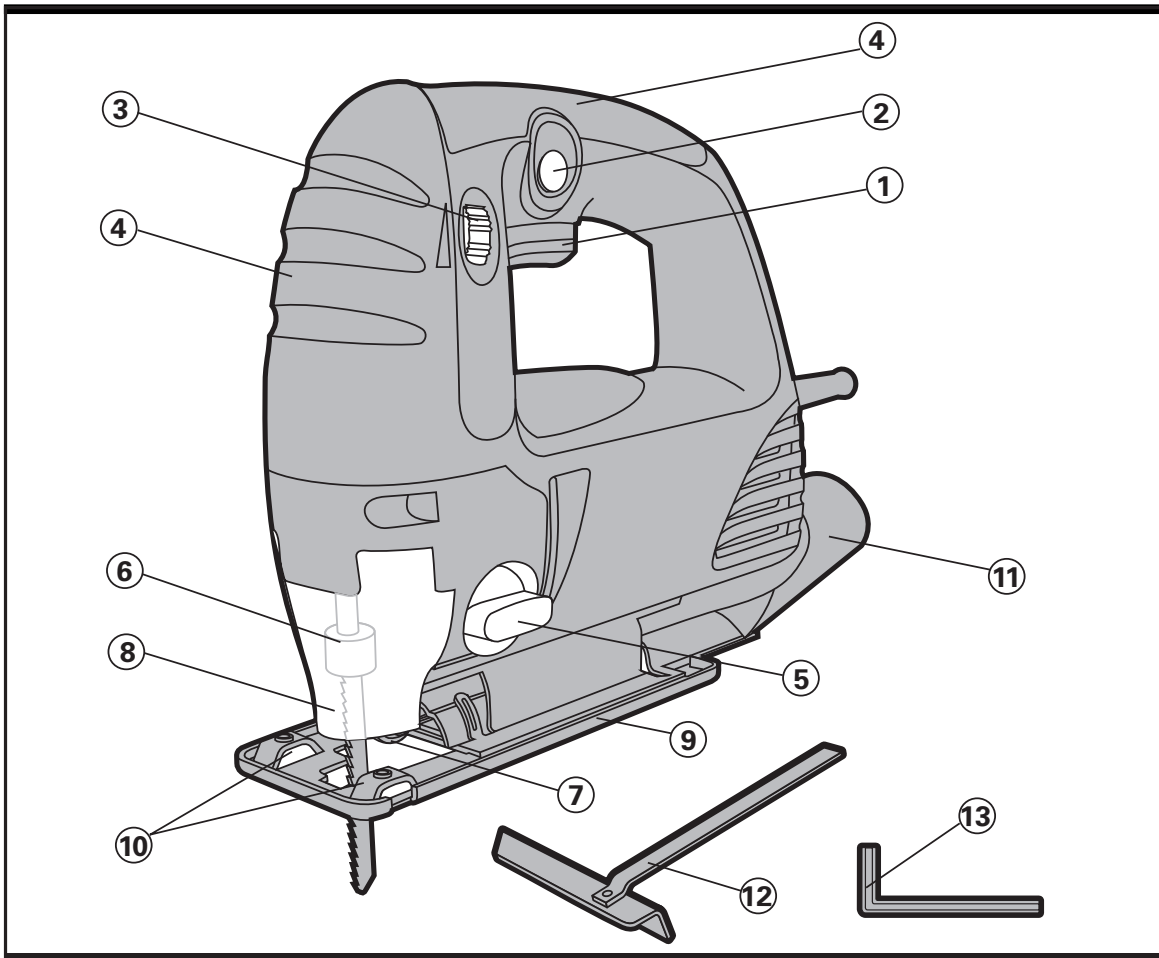


Wear dust mask, eye & ear protection



Conforms to relevant safety standards

650W PENDULUM JIGSAW



1. ON/OFF SWITCH

2. SWITCH LOCK-ON BUTTON

3. VARIABLE SPEED CONTROL

4. HAND GRIP AREAS

5. PENDULUM ACTION CONTROL

6. TOOLFREE BLADE HOLDER

7. BLADE GUIDE

8. BLADE GUARD

9. BASE PLATE

10. PARALLEL GUIDE FIXTURES

11. DUST EXTRACTION ADAPTOR PORT


12. PARALLEL GUIDE

13. ALLEN KEY


14. PROTECTION FINGER (See Fig 11)



TECHNICAL DATA

Volts	230V ~ 50Hz
Power input	650W
No load strokes	300-3000min ⁻¹
Stroke length	26mm
Double insulation	
Bevel capacity	0±45°
Baseplate:	Aluminium
Pendulum:	4 stage
Cutting capacity	
	wood 100mm
	aluminium 20mm
	steel 10mm
Weight	3.0kg

NOISE AND VIBRATION DATA

A weighted sound pressure	90dB (A)
A weighted sound power	101dB (A)
Wear ear protection when sound pressure is over	85dB (A)
	
Typical weighted vibration	4m/s ²

ACCESSORIES

Blades	6pcs (wood 2pcs aluminium 2pcs steel 2pcs)
Parallel guide	1pc
Dust tube	1pc
Allen Key	1pc

You can only use the blade type shown in fig 1. Don't use other blade types.

650W PENDULUM JIGSAW

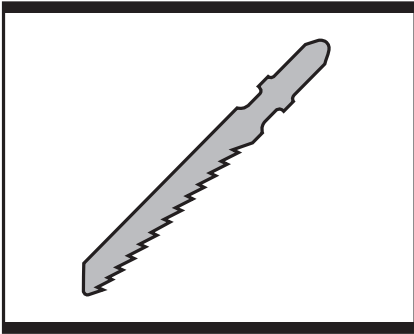


Fig 1

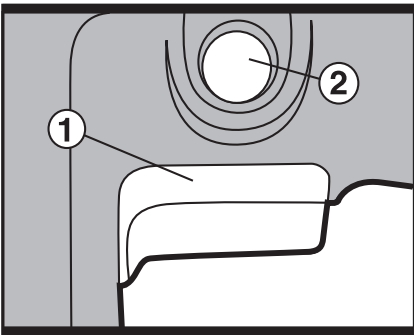


Fig 2

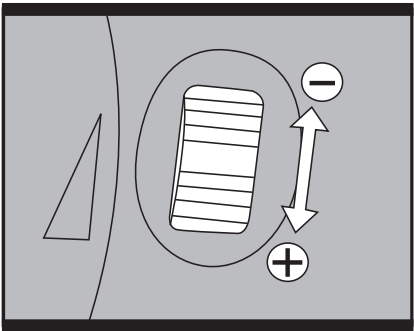


Fig 3

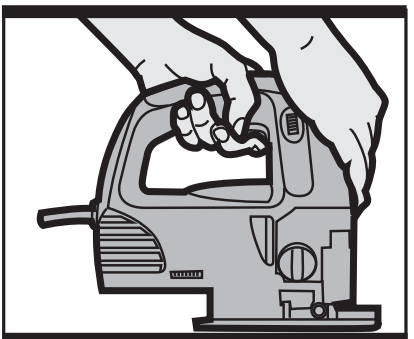


Fig 4

OPERATING INSTRUCTIONS

1. ON/OFF SWITCH

Depress to start and release to stop your tool.

2. SWITCH LOCK-ON BUTTON

Depress on/off switch (1) then lock-on button (2) (See Fig 2), release on/off switch first then lock-on button second. Your switch is now locked on for continuous use. To switch off your tool just depress and release the on/off switch.

3. VARIABLE SPEED CONTROL

Adjust the thumb-wheel to increase or decrease the speed (See Fig 3) according to the material, material thickness and blade specification to be used (also possible during no load operation). See chart 1 for general guidance on speed selection. Avoid prolonged use at very low speed as this may damage your Jigsaw's motor.

chart 1

material	speed setting
wood	5-6
metal	3-4
aluminium	3-5
PVC	3-4
ceramic	3-5

4. HAND GRIP AREAS

Always ensure you maintain a firm grip while operating your Jigsaw (See Fig 4).

5. PENDULUM ACTION CONTROL

The pendulum action varies the forward cutting angle of the blade for increased cutting efficiency. This can also be adjusted during no load running. Refer to the chart (See chart 2) for more details. Do not use excessive blade force when cutting with the pendulum action. The blade cuts on the upward stroke only.



chart 2

PENDULUM SETTINGS	
0	Thin materials, Fine cuts, Tight curves.
1	Hard materials, (eg steel & chipboard)
2	Thick materials (eg wood & plastic)
3	Fast cuts (eg softwood). Cutting in the direction of the wood grain.

6. TOOLFREE BLADE HOLDER

You can only use the blade type shown in fig 1. To open the blade holder rotate the ring anti-clockwise (jigsaw upside down) and hold in position (See Fig 5). Then fully insert the blade into the blade holder slot with blade teeth facing forward and release the ring, which will self rotate and clamp over the top of the blade. Push the blade into the blade holder again to ensure it is locked in position. Ensure the edge of the blade is located in the groove of the blade guide (See Fig 6). To remove a blade, hold the blade and rotate the blade holder ring anti-clockwise then lift out the blade (blade could be spring ejected).



Warning: blade teeth are very sharp.

For best cutting results ensure you use a blade suited to the material and cut quality you need.

7. BLADE GUIDE

Ensure the blade is located and runs smoothly in the groove (See Fig 6) otherwise the pendulum function will not work correctly and the blade will not be supported during cutting.

8. BLADE GUARD

The blade guard (8) should always be in place when the jigsaw is used.

9. BASE PLATE

Adjusting the angle of the base plate enables bevel cutting. The base plate must always be held firmly against the material being cut to reduce saw vibration, blade jumping or blade breakage.

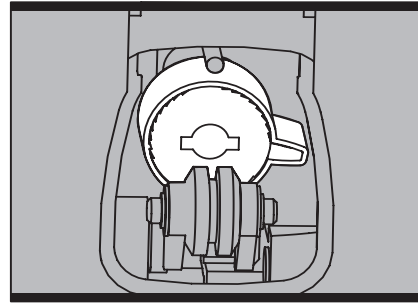


Fig 5

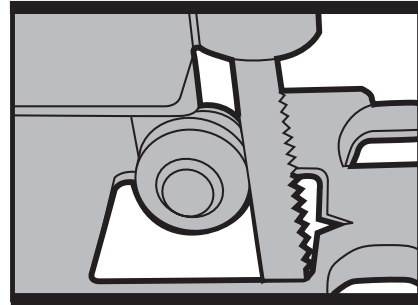


Fig 6

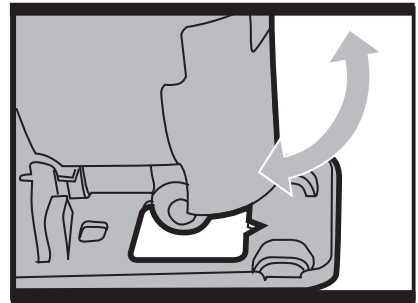


Fig 7

650W PENDULUM JIGSAW

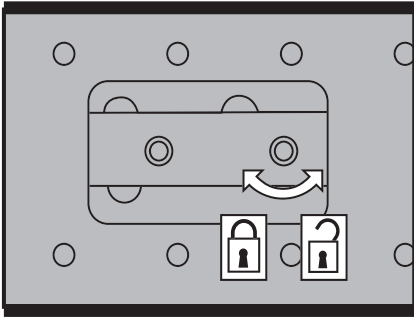


Fig 8

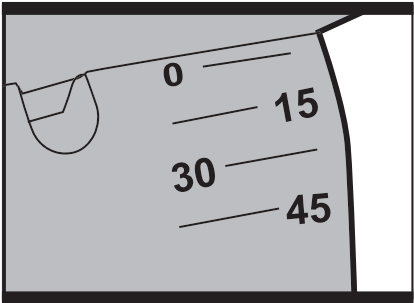


Fig 9

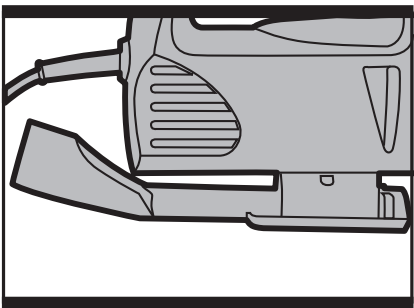


Fig 10

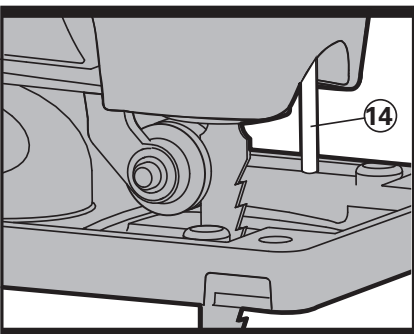


Fig 11

10. BASE PLATE ANGLE ADJUSTMENT

Using an Allen key, loosen the bolts securing the base plate (See Fig 8). For preset angles, slide the base plate fully to the front and rotate so the fingers on the base plate and housing interlock at the desired angle (0,15,30,45) (See Fig 9). For other mitre angles, slide the base plate partially to the front and rotate to your desired angle (use a protractor scale). For 90° angle, slide the base plate fully to the rear. Following one of the above procedures, hold the base plate in position and firmly tighten the bolts to clamp the base plate at that angle. Finally, check the angle and ensure the base plate is firmly clamped. The angle markings on the base plate are accurate for most general purposes but it is recommended for accurate work to set the angle with a protractor and make a test cut on other material.

11. PARALLEL GUIDE FIXTURES

Slide the parallel guide arm through both fixtures to achieve the required cutting distance and tighten both screws to lock into position.

12. DUST EXTRACTION ADAPTOR

The adaptor slides inside the base plate and locks in position by a clip into the base plate (See fig 10). The adaptor must then be connected to a suitable external dust extraction machine. The connection can be on the outside dia 40mm or inside dia 36-34mm of the adaptor.

13. PROTECTION FINGER

This finger is located in front of the blade holder. Whilst working, it will help prevent accidental contact with moving blade (See fig 11).

14. DUST BLOWER AIR HOLE

This is a small aperture located underneath the housing just behind the blade guide. Ensure this is kept clean to allow the air flow to continually blow dust away from the cutting area.



WORKING HINTS FOR YOUR JIGSAW

If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds.

MAINTENANCE

Your power tool requires no additional lubrication or maintenance. There is no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.

GENERAL

Always use a blade suited to the material and material thickness to be cut.

Always ensure the work-piece is firmly held or clamped to prevent movement. For easier control, use low speed to start cutting, then increase to correct speed. Any movement of the material may affect the quality of the cut.

The blade cuts on the upward stroke and may chip the uppermost surface or edges of your work piece. When cutting, ensure your uppermost surface is a non visible surface when your work is finished.

CUTTING LAMINATES

Use a fine tooth blade when cutting most laminates and thin wood materials. To reduce edge chipping, clamp pieces of waste wood at both ends on both sides and cut through the wood during cutting.

CIRCLE CUTTING

Do not use the pendulum action when cutting tight circles or angles.

METAL CUTTING

Use a finer tooth blade for ferrous metals and a coarse tooth blade for non-ferrous metals. When cutting thin sheet metals always clamp wood on both sides of the sheet to reduce vibration or tearing of the sheet metal. Both wood and sheet metal must be cut. Do not force the cutting blade when cutting thin metal or sheet steel as they are harder materials and will take longer to


650W PENDULUM JIGSAW



cut. Excessive blade force may reduce the life of the blade or damage the motor. To reduce heat during metal cutting, add a little lubricant along the cutting line.

ENVIRONMENT PROTECTION



Waste electrical products should not be disposed of with household waste. Please  recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

PLUG REPLACEMENT

The fuse in the main plug of your power tool should always be replaced with one of identical rating.

Check the voltage given on your power tool matches the supply voltage.

The power tool is supplied with a fitted plug, however if you should need to fit a new plug follows the instruction below.

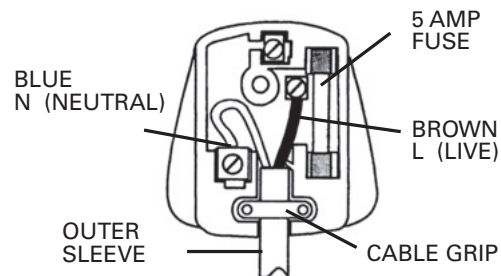
IMPORTANT

The wire in the mains lead are coloured in accordance with the following code:

Blue ---Neutral
Brown ---Live

The wire that is coloured blue must be connected to the terminal that is marked with the letter N.
The wire that is coloured brown must be connected to the terminal that is marked with the letter L.

A 13AMP (BS1363 or BS1363/A) plug must be used and a 5 AMP fuse must be fitted.





Declaration of Conformity

We, Importer
Screwfix Direct Ltd
Mead Avenue
Houndstone Business Park
Yeovil
BA 22 8RT

Declare that the product

Jigsaw
ERB706SA

Complies with the essential health and safety requirements of the following directive:

89/336/EEC, 93/68/EEC. –EMC Directive.
73/23/EEC, 93/68/EEC. –Low Voltage Directive
98/37/EC. –Machinery Directive.

Standards and technical specifications referred to:

EN 60745-1:2003+A1
EN 60745-2-11:2003
EN 55014-1:2000+A1+A2
EN 55014-2:1997+A1
EN 61000-3-2:2000
EN 61000-3-3:1995+A1

Authorised Signatory

Date: 15/09/05

Signature: P. C. Harries

Name: Peter Harries
Screwfix Direct Ltd
Quality Manager



2005

650W PENDULUM JIGSAW



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