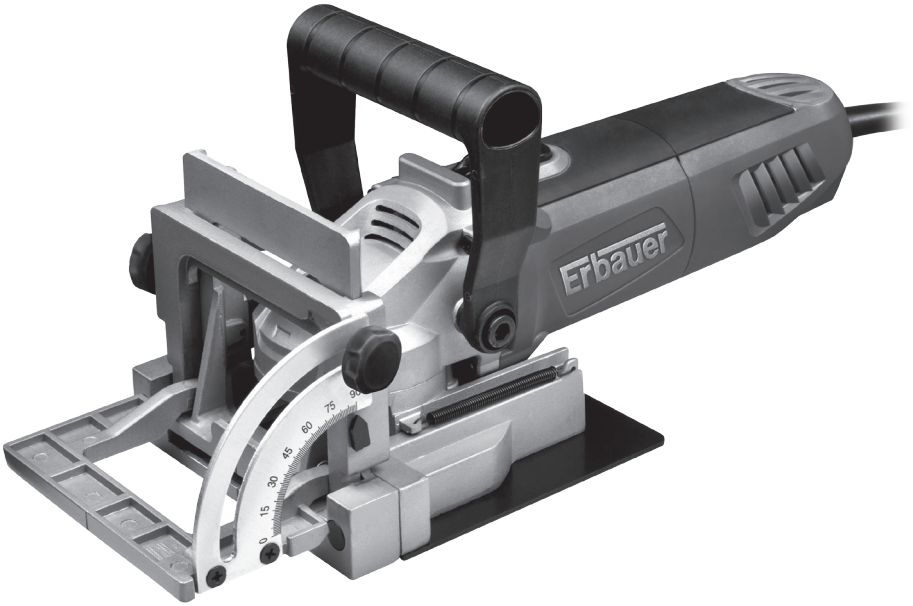
Erbauer®



ERB372BJC

2 Year Guarantee

860W BISCUIT JOINTER

Original Instructions
(Version 2.0)

Erbauer®

Congratulations on your purchase of a quality power tool from Erbauer (UK) Ltd. This product should give you reliable service but for your peace of mind this Erbauer power tool does carry a 2 year guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact your retailer.

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 2 year guarantee. If your product develops a fault within this period, you should in the first instance contact the retailer where the item was purchased.

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

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 0345 607 6380.

860W BISCUIT JOINTER

GENERAL SAFETY INSTRUCTIONS

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

1. **Work area safety**
   a. Keep work area clean and well lit. Cluttered or 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. 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.

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 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.

c. 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.

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 dust collection 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 cannot be controlled with the switch is dangerous and must be repaired.

c. 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. Such preventive 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 tool's 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, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Service

a) 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.

b) If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR TOOL

1. **Disc cutters must be rated for at least the speed recommended on the tool.** Disc cutters running over rated speed can fly apart and cause injury.
2. **Always use the guard.** The guard protects the operator from broken disc cutter fragments and unintentional contact with the disc cutter.
3. **Always wear a dust mask.**
4. **The rated speed of cutting tools must be at least equal to the maximum speed marked on the power tool.** Cutting discs or other cutting tools running with overspeed can fly apart and cause injuries.
5. **Always use correctly sized cuttings discs with the fitting mounting bore.** Cutting discs that do not fit to the mounting components of the biscuit jointer rotate irregularly and lead to loss of control.
6. **Apply the machine to the workpiece only when switched on.** Otherwise there is danger of kickback when the cutting tool jams in the workpiece.
7. **Keep your hands away from the cutting area and the cutting disc. Hold the auxiliary handle with your second hand.** When both hands hold the machine, they cannot be injured by the cutting disc.
8. **Never cut over metal objects, nails or screws.** The jointer bit can become damaged and lead to increased vibrations.
9. **Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.
10. **Do not use blunt or damaged jointer bits.** Blunt or damaged jointer bits cause increased friction, can become jammed and lead to imbalance.
11. **When working with the machine, always hold it firmly with both hands and provide for a secure stance.** The power tool is guided more secure with both hands.
12. **Secure the workpiece.** A workpiece clamped with clamping

devices or in a vice is held more secure than by hand.

13. **Do not work materials containing asbestos.** Asbestos is considered carcinogenic.
14. **Take protective measures when dust can develop during working that is harmful to one's health, combustible or explosive.** Example: Some dusts are regarded as carcinogenic. Wear a dust mask and work with dust/chip extraction when connectable.
15. **Always wait until the machine has come to a complete stop before placing it down.** The tool insert can jam and lead to loss of control over the power tool.
16. **Never use the machine with a damaged cable. Do not touch the damaged cable and pull the mains plug when the cable is damaged while working.** Damaged cables increase the risk of an electric shock.
17. **Always use the auxiliary handle supplied with the machine.** Loss of control can cause personal injury.
18. **Use only the cutting tools listed in these operating instructions.** Do not use cut-off discs or circular saw blades.
19. **Press the spindle lock button only when the machine is at a standstill.**
20. **Before putting into operation, check the cutting disc for tight seating.**
21. **Always check the proper function of the guard retracting system before use.**
22. **Always check the Blade is securely fitted before first and every use .**
23. **Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord. Cutting a "live" wire may make exposed metal parts of power tool "live" and could give the operator an electric shock.**

Warning: Some dust created by power cutting chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paint.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk to these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well ventilated area.

Work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

VIBRATION

The European Physical Agents (Vibration) Directive has been brought in to help reduce hand arm vibration syndrome injuries to power tool users. The directive requires power tool manufacturers and suppliers to provide indicative vibration test results to enable users to make informed decisions as to the period of time a power tool can be used safely on a daily basis and the choice of tool.
Further Advice can be found at www.hse.gov.uk

Vibration total values (triax vector sum) determined according to EN 60745:
Vibration emission value $a_h = 4.77 m/s^2$
Uncertainty K = 1.5m/s²

The declared vibration emission value should be used as a minimum level and should be used with the current guidance on vibration.
Calculating the actual period of the actual period off use can be difficult and the HSE website has further information.

The declared vibration emission been measured in accordance with a standardised test stated above and may be used to compare one tool with another tool.
The declared vibration emission value may also be used in a preliminary assessment of exposure.

Warning: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:-
How the tool is used and the materials being cut.
The tool being in good condition and well maintained.
The use the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles.
And the tool is being used as intended by its design and these instructions.

While working with this power tool, hand/arm vibrations occur. Adopt the correct working practices in order to reduce the exposure to vibration.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

Warning: Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).Note The use of other tools will reduce the users' total working period on this tool.
Helping to minimise your vibration exposure risk.
ALWAYS use sharp blades.
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)
Avoid using tools in temperatures of 10ºC or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

Health Surveillance
All employees should be part of an employer's health surveillance scheme to help identity any vibration related diseases at an early stage, prevent disease progression and help employees stay in work.

Double insulation
The tool is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

Important note
Be sure the supply is the same as the voltage given on the rating plate. The tool is fitted with a two-core cable and plug.
Remove the mains plug from socket before carrying out, any adjustment or servicing.

SYMBOLS

To reduce the risk of injury, user must read instruction manual

Double insulation

Warning

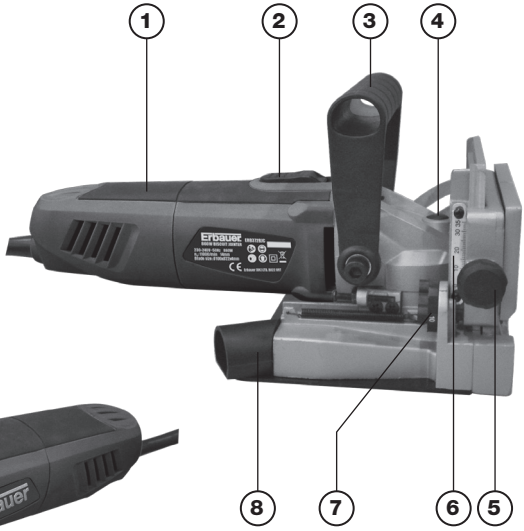
Wear ear protection

Wear eye protection

Wear dust mask

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.

yyWxx Manufacturing date code; Year of manufacturing (20yy) and week of manufacturing (Wxx);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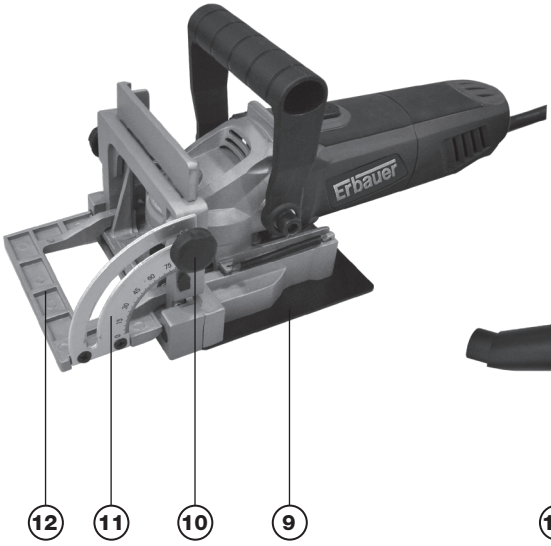
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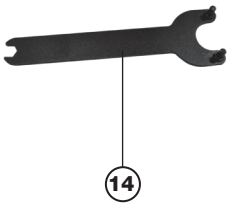
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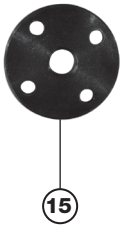
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Erbauer
ROTATION
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1.	SOFT GRIP HANDLE
2.	ON/OFF SWITCH
3.	AUXILIARY HANDLE
4.	SPINDLE LOCK BUTTON
5.	LOCK KNOB OF THE HEIGHT STOP
6.	HEIGHT SCALE
7.	CUTTING DEPTH ADJUSTMENT KNOB
8.	DUST OUTLET
9.	BASE PLATE
10.	LOCK KNOB OF THE ANGLE STOP
11.	ANGLE SCALE
12.	ADJUSTABLE HEIGHT/ANGLE STOP
13.	DUST BAG WITH ADAPTER
14.	SPANNER
15.	OUTER FLANGE
16.	INNER FLANGE
17.	BLADE
18.	DUST EXTRACTION ADAPTOR

TECHNICAL DATA

Voltage	230-240V~50Hz
Power input	860W
No load speed	11,000/min
Blade size	Ø100XØ22.2X4mm
Max cutting depth	14mm
Protection class	⧈/II
Machine weight	3.0kg

NOISE AND VIBRATION DATA

A weighted sound pressure	L_{PA}=85dB (A)
K_{PA}:	3dB (A)
A weighted sound power	L_{WA}=96dB (A)
K_{WA}:	3dB (A)
Wear ear protection when sound pressure is over	80dB (A)

ACCESSORIES

Spanner	**1pc**
Dust bag	**1pc**
Biscuit #0	**20pcs**
#10	**20pcs**
#20	**20pcs**
Blade:Ø100XØ22.2X4mm(assembled on the machine)	**1pc**

OPERATION INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

Intended use
The machine is intended for cutting grooves for biscuit dowel joints in chipboard, hard- and softwood, plywood, fibreboard.

ADJUSTMENT
1. ADJUSTING THE DEPTH OF CUT (See Fig.1)
With the cutting depth adjustment knob (7), the depth-of-cut can be set. The knob has set stops for four biscuit dowel sizes.
Correlation of the set stops to biscuit dowel sizes and depths-of-cut:

marking	thickness of material	Biscuit dowel	Cutting depth
0	8-12mm	No.0	8.0mm
10	12-15mm	No.10	10.0mm
20	>15mm	No.20	12.3mm
Max.	--	--	14.0mm

When using resharpened cutting discs, the depth-of-cut may possibly need to be readjusted. For this, loosen the lock nut (A). Turn the knurled screw (B). in clockwise or anticlockwise direction to adjust the distance. Check the cutting depth by carrying out trial cuts. Afterwards, firmly tighten the lock nut (A) again.

2. SETTING THE ADJUSTABLE HEIGHT STOP (See Fig.2)
With the adjustable height / angle stop, the distance between the upper surface of the workpiece and the intended groove can be set. Loosen the lock knob of the height stop (5). Set the desired distance on the height scale (6) with the pointer (C). Then tighten the lock knob (5).

3. SETTING THE CUTTING ANGLE (See Fig.3)
The stop (12) also enables cutting of grooves on mitre joints.
To adjust the cutting angle, loosen the lock knob (10). Pivot the angle stop (12) until the desired angle is set on the scale (11) with the pointer (D). Then tighten the lock knob (10) again.

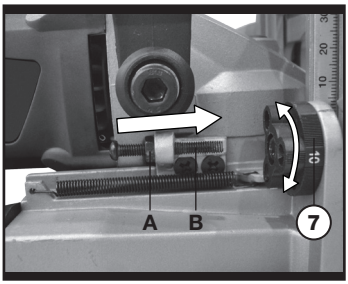


Fig. 1

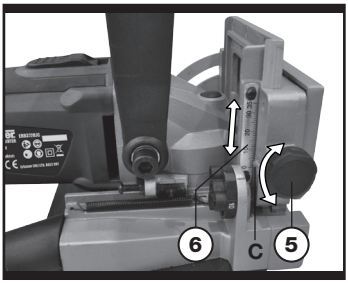


Fig. 2

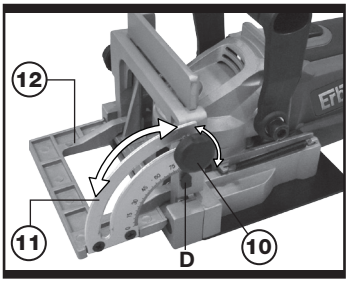


Fig. 3

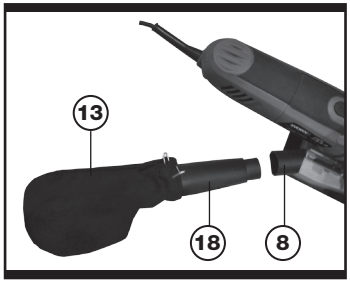


Fig. 4

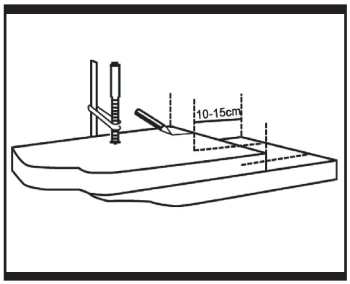


Fig. 5

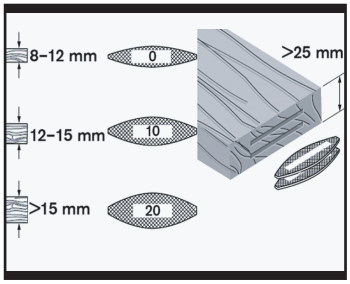


Fig. 6

4. DUST EXTRACTION (See Fig.4)
1) Internal dust extraction with dust bag (13).
For small cutting jobs, the dust bag can be used. Connect it with the dust extraction adapter and Insert to the dust outlet (8).
Empty the dust bag regularly.

2) External dust extraction
Connect a suitable vacuum cleaner to the dust outlet (8) through the dust extraction adapter (18).

STARTING OPERATION

Warning:

- **When working with the machine, always hold it firmly with both hands and provide for a secure stance.** The power tool is guided more secure with both hands. Hold the routing motor with one hand and the auxiliary handle with the other hand.
- **Keep your hands away from the cutting area and the cutting disc.**
- **Apply the machine to the workpiece only when switched on.** Otherwise there is danger of kickback when the cutting tool jams in the workpiece.

1. SWITCHING ON AND OFF
To switch on the machine, push the On/Off switch forward and press it down at the front to lock on.
To switch off the machine, press down the On/Off switch at the rear so that the switch springs back to the off position.

2. MARKING THE WORKPIECES (See Fig.5)
Before starting operation, the workpieces must be marked as following.
Place the two workpieces, which must be connected, on top of each other. Fasten the workpieces and mark the centre of the groove. Smaller workpieces don't have to be marked.

3. SELECTION OF THE BISCUIT DOWEL (See Fig.6)
For a solid connection, use the largest possible biscuit dowel. Appropriate biscuit dowels are recommended to use according to Fig.6.

4. CUTTING GROOVE JOINTS (See Fig.7)
The various adjustments on the adjustable height / angle stop will enable you to make virtually any biscuit joint imaginable. The tool may be further enhanced by some simple jigs and fixtures that can be easily made. Some of the more common biscuit joinery applications are shown in Fig.7.
Note:
E: EDGE TO EDGE JOINT
F: EDGE MITRE JOINT
G: OFFSET
H: OFFSET JOINT
I: CORNER JOINT
J: "T" JOINT
K: 45^0 FRAME JOINT

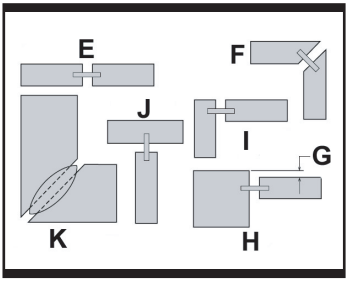


Fig. 7

5. REPLACING THE CUTTING DISC (See Fig.8, 9)
Turn the machine around so that the base plate faces upward.
Loosen the four screws (E) and remove the base plate. Press the spindle lock button and keep it pressed. Loosen and remove the outer flange with the two-pin spanner. Take out the old cutting disc and replace with a new one on the inner flange.
Important:
Make sure that the cutting direction of the teeth (direction of the arrow on the disc) is visible and corresponds with the direction of the arrow inside of the base plate.
Position the outer flange back. With the spindle lock button (4) pressed, tighten it with the spanner.
Note: Make sure that the outer flange is placed in correct side on the spindle.
Release the spindle lock and check if the cutting disc is properly mounted and rotates freely.
Place the base plate back and install the four screws to tighten firmly.

Warning: Make sure that the base plate is locked securely before operation.

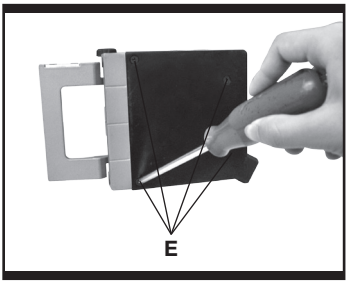


Fig. 8

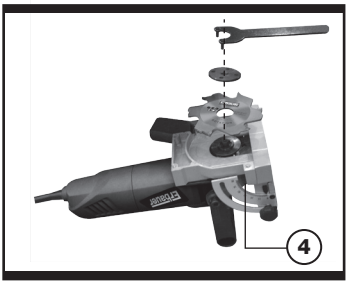


Fig. 9

MAINTENANCE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
Never use water or chemical cleaners to clean your tool. Wipe clean with a dry cloth. Always store your tool in a dry place. Keep the motor ventilation slots clean.

ENVIRONMENTAL 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. For further information visit www.recycle-more.co.uk

PLUG REPLACEMENT (UK & IRELAND ONLY)

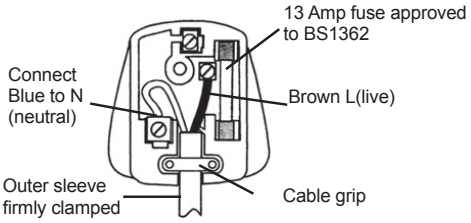
If you need to replace the fitted plug then follow the instructions below.

IMPORTANT
The wires in the mains lead are colored in accordance with the following code:
BLUE = NEUTRAL
BROWN = LIVE

As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows. The wire which is colored blue must be connected to the terminal which is marked with **N.** The wire which is colored brown must be connected to the terminal which is marked with **L**.

Warning: Never connect live or neutral wires to the earth terminal of the plug. **Only fit an approved 13AMP BS1363/A plug and the correct rated fuse.**

Note: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



DECLARATION OF CONFORMITY

We, Importer
Erbauer (UK) Ltd BA22 8RT

Declare that the product
Description: **860W Biscuit Jointer**
Model: **ERB372BJC**

Complies with the following Directives,
EC Machinery Directive **2006/42/EC**
EC Electromagnetic Compatibility Directive **2004/108/EC**
EC Low Voltage Directive **2006/95/EC**
Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment **2011/65/EU**
Waste Electrical and Electronic Equipment (WEEE) **2012/19/EU**

Standards conform to:
EN 60745-1:2009/+A11:2010
EN 60745-2-19:2009/+A1:2010
EN 55014-1:2006/+A1:2009/+A2:2011
EN 55014-2:1997/+A1:2001/+A2:2008
EN 61000-3-2:2006/+A1:2009/+A2:2009
EN 61000-3-3:2008

Authorised Signatory and technical file holder

Date: 05/01/15

Signature: P.C.Harries

Name / title: Peter Harries / Quality Manager
Erbauer (UK) Ltd. Trade House, Mead Avenue, BA22 8RT

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Erbauer®