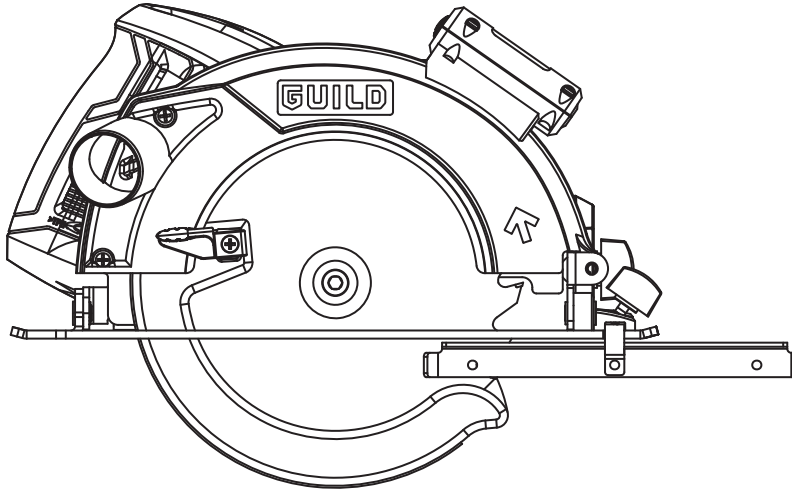
GUILD
1600W 185mm Circular Saw

Instruction Manual **PSC185GH**



GUILD

After Sales Support

UK/Ireland 0333 3201989
Help@guildpowertools.co.uk

Important - Please read these instructions fully before operating or maintaining your Guild circular saw

These instructions contain important information that will help you get the best from your Guild circular saw, ensuring it remains safe to operate.
If you need help or have damaged or missing parts, call the Customer Helpline on 0333 3201989

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Safety Information

Important - Please read these instructions fully before starting assembly

Warning Symbols

The following warning symbols appear throughout this assembly manual and indicate the appropriate safety measures you should take when assembling and operating the circular saw.



To reduce the risk of injury, Please read the instruction manual



Warning



Wear ear protection



Wear dust mask



Double insulation



Do not stare into beam



Laser radiation



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

General Power Tool Safety Warnings

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.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

General Power Tool Safety Warnings

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

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.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

Safety Warnings for all saws

a) ⚠ **DANGER: Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing.** If both hands are holding the saw, they cannot be cut by the blade.

b) Do not reach underneath the workpiece. The guard cannot protect you from the blade below the workpiece.

c) Adjust the cutting depth to the thickness of the workpiece. Less than a full tooth of the blade teeth should be visible below the workpiece.

d) Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

e) Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.

f) When ripping always use a rip fence or straight edge guide. This improves the accuracy of cut and reduces the chance of blade binding.

g) Always use blades with correct size and shape (diamond versus round) of arbour holes. Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.

h) Never use damaged or incorrect blade washers or bolt. The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

Further safety instructions for all saws

Kickback causes and related warnings

- Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;
- When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
- If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade. Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.

b) When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.

⚠Safety Information

Important - Please read these instructions fully before starting assembly

Further safety instructions for all saws

c) **When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
d) **Support large panels to minimise the risk of blade pinching and kickback.** Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
e) **Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
f) **Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
g) **Use extra caution when sawing into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

Safety instructions for saws with check title guard, or tow guard

Lower Guard Function

a) **Check lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If saw is accidentally dropped, lower guard may be bent. Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.
b) **Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.** Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.
c) **Lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts." Raise lower guard by retracting handle and as soon as blade enters the material, the lower guard must be released.** For all other sawing, the lower guard should operate automatically.
d) **Always observe that the lower guard is covering the blade before placing saw down on bench or floor.** An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

Additional safety rules for circular saw

1. Always wear a dust mask, hearing protection and eye protection.
2. Only use saw blades recommended in the specification.
3. Do not use any abrasive wheels.
4. Use only blade diameter(s) in accordance with the markings.

Safety Information

Important - Please read these instructions fully before starting assembly

General Safety Warnings for your Laser

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury.

Save all warnings and instructions for future reference.
These lasers do not normally present an optical hazard although staring at the beam may cause flash blindness.
Do not stare directly at the laser beam. A hazard may exist if you deliberately stare into the beam, please observe all safety rules as follows:

1. The laser shall be used and maintained in accordance with the manufacturer's instructions.
2. Never aim the beam at any person or an object other than the work piece.
3. The laser beam shall not be deliberately aimed at another person and shall be prevented from being directed towards the eye of a person for longer than 0.25 seconds area.
4. Always ensure the laser beam is aimed at a sturdy work piece without reflective surfaces, e.g. wood or rough-coated surfaces are acceptable. Bright shiny reflective sheet steel or similar is not suitable for laser applications as the reflective surface may direct the laser beam back at the operator.
5. Do not change the laser device with a different type. The manufacturer or an authorized agent must carry out repairs.
6. **CAUTION:** Use of controls or adjustments other than those specified herein may result in hazardous radiation exposure.

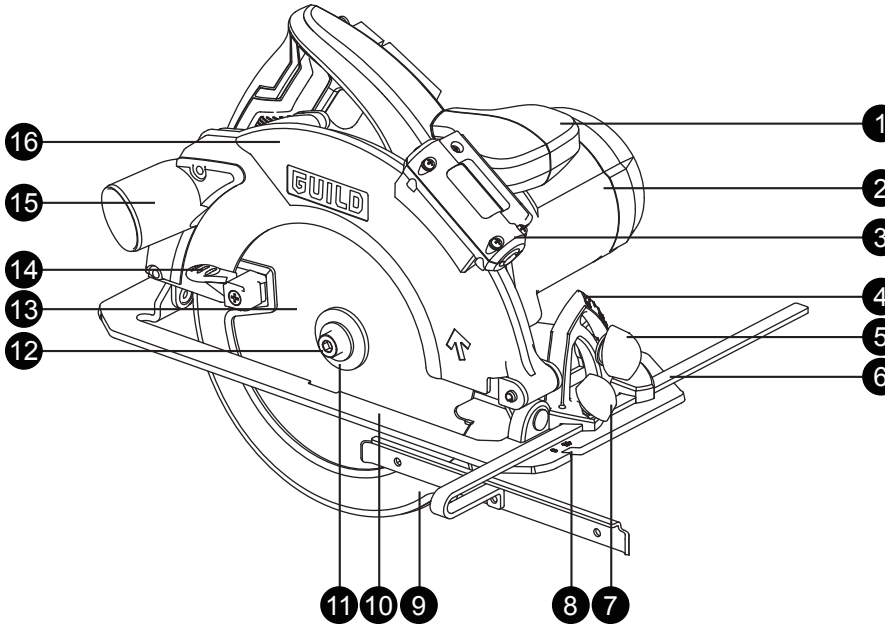
Additional safety warning for class 2 laser

The laser device fitted to this tool is CLASS 2 with a maximum radiation of 1mW and 650nm wavelength.
CLASS 2 LASER RADIATION. DO NOT STARE INTO BEAM

In The Box

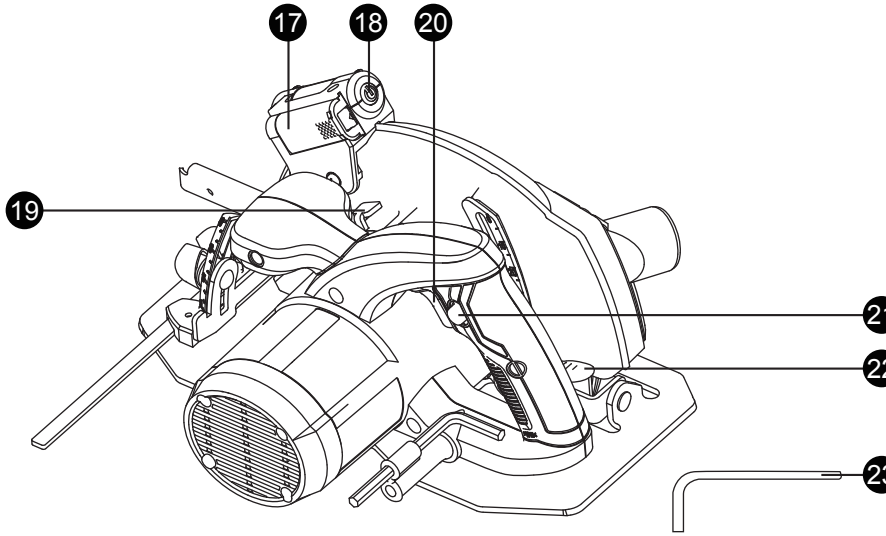
Parts

1. Front handle
2. Motor housing
3. Laser guide
4. Base plate angle scale
5. Base plate bevel lock
6. Parallel guide
7. Parallel guide lock knob
8. Cutting guide notch
9. Lower blade guard
10. Base plate
11. Outer flange
12. Blade bolt
13. Saw blade
14. Lower guard lever
15. Vacuum adapter
16. Fixed guard
17. Battery cover
18. Laser on/off switch
19. Spindle lock button
20. Safety On/off switch
21. Lock-off button
22. Depth of cut adjustment lever
23. Allen key



In The Box

Parts



Accessories

Vacuum adaptor	1pc
Allen key	1pc
Parallel guide	1pc
Blade:185x20x24T	1pc
AAA batteries	2pcs

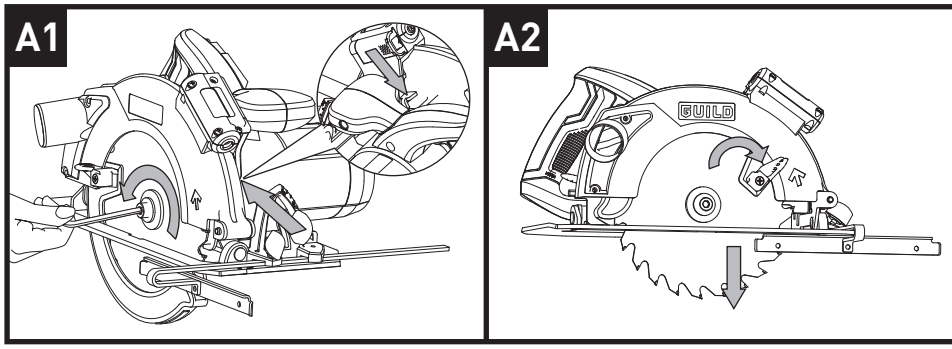
Operating Instructions

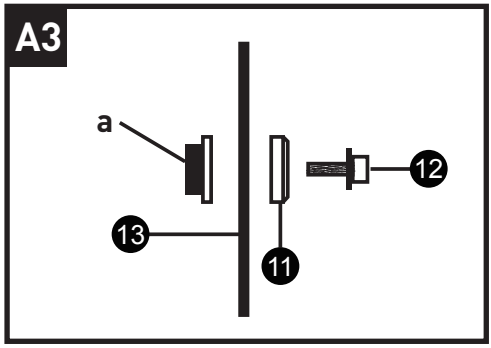
NOTE: Before using the tool, read the instruction book carefully.

Intended use:
This tool is intended for lengthways and crossways cutting of wood with straight cutting lines as well as bevel angles to 45° while resting firmly on the work piece.

1. FITTING/CHANGING A SAW BLADE (SEE FIG A1, A2, A3)
Press the spindle lock button and use the allen key to loosen and remove the blade bolt (12). Remove the outer flange (11). Rotate the lower blade guard clockwise by pushing the guard lever to take out the old blade (13). Fit a replaced blade. Ensure that the blade bore is located on the inner flange (a) and the blade direction arrow points in the same direction as the fixed guard arrow. Place the outer flange, the blade bolt onto the blade bore. Press the spindle lock again and use the allen key to tighten the bolt with 1/4 turn more than finger tight. Check if the blade is securely clamped.

WARNING: Blade teeth are very sharp. For best cutting results ensure you use a saw blade suited to the material and cut quality you need.

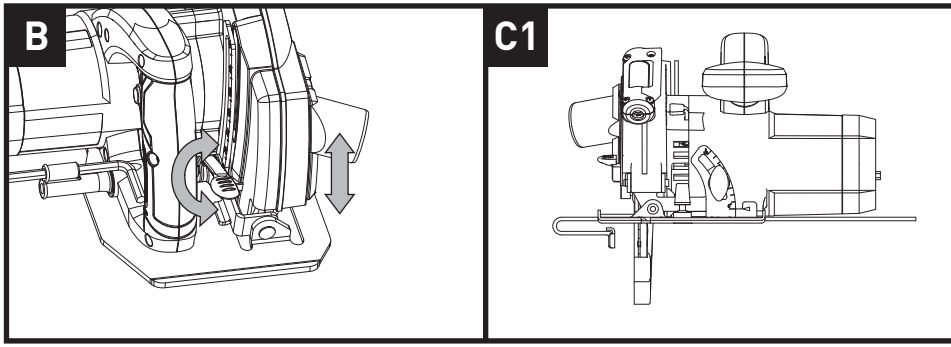


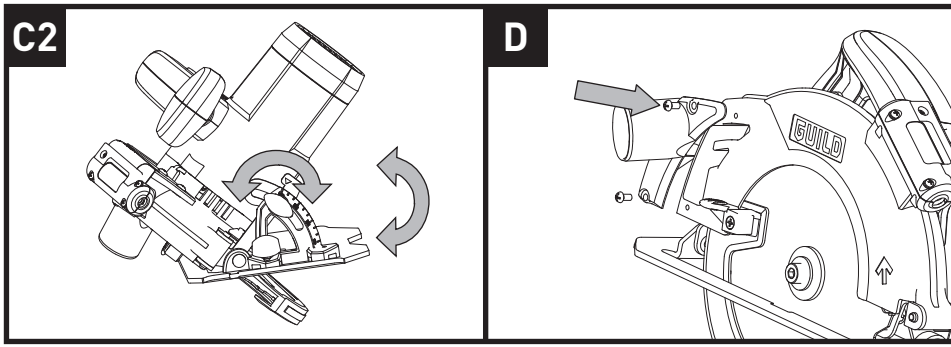


2. DEPTH OF CUT ADJUSTMENT (SEE FIG B)
Lift the depth of cut lock lever and raise the saw body away from the base plate. Set the depth of cut with the scale and push the lever down to lock. Always add 3mm to your depth of cut so that the blade can cut through the material.

3. BASE PLATE ANGLE ADJUSTMENT (SEE FIG C1, C2)
Turn the base plate bevel lock in anti-clockwise direction to loosen the angle scale. Tilt the base plate away from the tool until the required cutting angle is adjusted on the angle scale. Tighten the bevel lock by turning it in clockwise direction. Do not use the depth of cut scale when making bevel cuts due to possible inaccuracy.

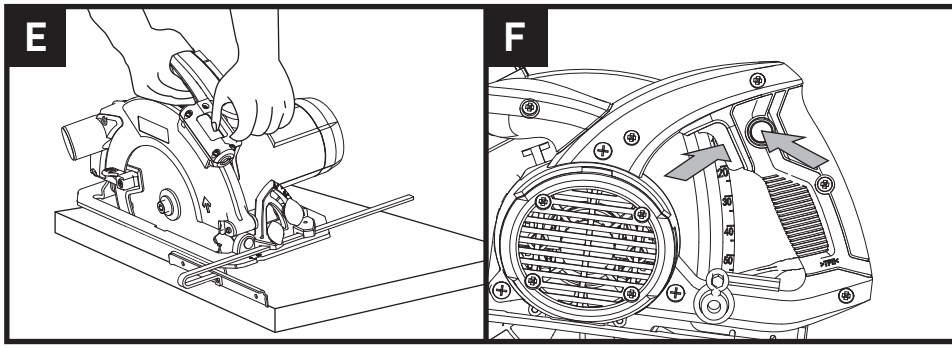
4. DUST EXTRACTION OUTLET (SEE FIG D)
Fasten the vacuum adapter (15) onto the dust extraction outlet until it latches. Additionally fasten the vacuum adapter (15) to the fixed guard with the two screws. Directly connect a suitable vacuum hose to the adapter.
Clean the vacuum adapter regularly to ensure optimum dust extraction. The vacuum cleaner must be suitable for the material to be worked.





5. HAND GRIP POSITION (SEE FIG E)
Always hold your saw firmly with both hands when operating.

6. SAFETY ON/OFF SWITCH (SEE FIG F)
Your switch is locked off to prevent accidental starting. Depress the lock off button then the on/off switch and release the lock off button. Your switch is now on. To switch off, just release the on/off switch.
The blade may continue to rotate after switching off. Wait until the tool comes to a complete stop before setting down.



7. USING THE LASER GUIDE (SEE FIG G1, G2, G3, G4, G5, G6)

WARNING: Never stare directly into the laser beam and never point the beam at anybody. The laser beam energy is extremely harmful to your eyes.

1) The laser guide is for the purpose of precision cutting. Make sure the batteries are fitted in the laser guide before carrying out precision cutting. To fit the batteries, remove the battery storage cover as shown, insert the 2 batteries (supplied), then replace cover. (SEE FIG G1, G2, G3, G4)

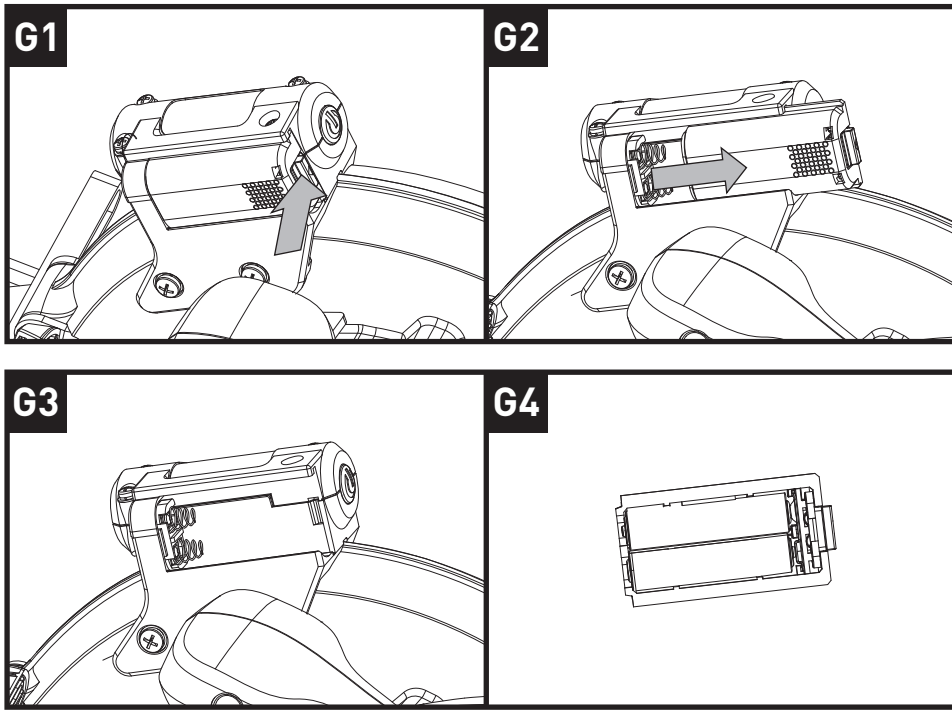
NOTE: Ensure correct battery polarity.

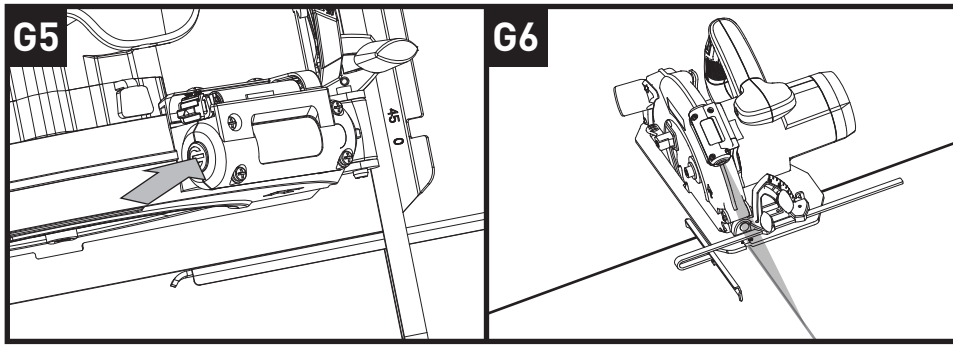
2) Depress the laser on/off switch button, the laser guide then projects a visible red line on the workpiece surface; make your cut along the red line. (SEE FIG G5, G6)

NOTE: The sawdust may block the laser beam, clean the laser generator periodically. Switch off the laser when you stop the tool. The laser does turn not off automatically. Switch off the laser when tool stops.

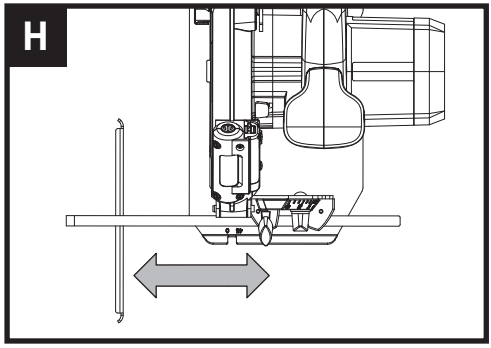
Take out batteries if you do not need to use the laser for a long time.

Never stare directly into the laser beam and never point the beam at anybody.





8. PARALLEL GUIDE ADJUSTMENT (SEE FIG H)
It is used for making cuts parallel to a workpiece edge at a chosen distance. Slide the parallel guide arm through the fixture to achieve the required cutting distance then tighten the lock knob to clamp. It can be used from both sides of the base plate. For straight cuts, use the 0° guide mark to align with your parallel guide scale. For a 45° bevel cut, use the 45° guide mark to align with your parallel guide scale. Securely clamp the parallel guide.
NOTE: It is best to carry out a trial cut.



Working Hints For Your Circular Saw

If your power tool becomes too hot, run your circular saw no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds.
Always use a blade suited to the material and material thickness to be cut. The quality of cut will improve as the number of blade teeth increase.
Always ensure the work-piece is firmly held or clamped to prevent movement. Support large panels close to the cut line. 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. Feeding too fast significantly reduces the performance of the tool and shortens the life of the saw blade. Always face the good side of the work-piece down, to ensure minimum splintering. Only use sharp saw blades of the correct type.

Maintenance

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
Your power tool requires no additional lubrication or maintenance. There are 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. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Technical Data

Technical Data Table

Voltage		230-240V~50Hz
Power input		1600W
No load speed		5800/min
Blade size		185mmX24TCT
Blade bore		20mm
Cutting capacity	90°	65mm
	45°	45mm
Bevel capacity		0-45°
Protection class		⧈/II
Machine weight		4.50kg

Noise Information

A weighted sound pressure L_{pA} : 96.2dB(A)
A weighted sound power L_{wA} : 107.2dB(A)
K_{pA} & K_{wA}=3.0dB(A)

Wear ear protection.

Vibration Information

Vibration total values (triax vector sum) determined according to EN 60745:	
Vibration emission value	Cutting wood $a_{h,W}$ = 3.246m/s² Uncertainty K =1.5m/s²

The declared vibration total value may be used for comparing one tool with another, and 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 or drilled.
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 if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

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

WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the

Technical Data

Vibration Information

times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
Helping to minimize your vibration exposure risk.
ALWAYS use sharp chisels, drills and blades.
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti vibration accessories.
Avoid using tools in temperatures of 10^0C or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

Environmental Protection



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

Guarantee

This product is selected for DOMESTIC USE ONLY and not for business use.
This product is guaranteed against manufacturing defects for a period of 24 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale, the store will provide you with a replacement. Your statutory rights remain unaffected.

Issue1 08/2015

Declaration of Conformity

This Guild 1600W 185mm Circular Saw model number PSC185GH fully complies with the Machinery Directive 2006/42/EC, Electromagnetic Compatibility Directive 2004/108/EC(before 2016/04/20) and 2014/30/EC(since 2016/04/20), RoHS Directive 2011/65/EU and the following harmonized EU standards
EN 60745-2-5: 2010
EN 60745-1: 2009 + A11: 2010
EN 55014-1: 2006 + A1:2009 + A2:2011
EN 55014-2: 1997 + A1:2001 + A2:2008
EN 61000-3-2: 2014
EN 61000-3-3: 2013
This declaration is made under the sole responsibility of Argos Ltd, 489/499 Avebury Boulevard, Milton Keynes, MK9 2NW

Category Technical Manager signed Luke Wong
Issued 20/10/2015

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 coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured 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 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.

