

Circular Saws

BASIC SAFETY

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, DO NOT use this equipment, contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.

This equipment must not be operated by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

You MUST perform a risk assessment before using this equipment to ensure your safety and the safety of others.

Wear the correct Personal Protective Equipment for the task ahead.



Wear suitable clothing. Protect your eyes, wear safety goggles. Protect your hearing, always wear ear defenders.



Wear a dust mask or suitable respiratory protective equipment

Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment. Tie back long hair.

Circular Saws must not be used to cut asbestos or similar hazardous material. The saw is designed to cut timber products and is not suitable for use on any other material.

DO NOT fit the saw with any other type of blade.

HAVS

Hand-Arm vibration syndrome is a disease that can lead to permanent disability. This can be caused by prolonged use of any tool or powered equipment that vibrates during operation. For information on manufacturers vibration levels contact the hire company.

As a precaution, stop working if you experience discomfort or numbness when operating the equipment.

Inform everyone in the work area of what you are doing.

GET FAMILIAR! You must understand how to switch this machine OFF quickly in case of an emergency.

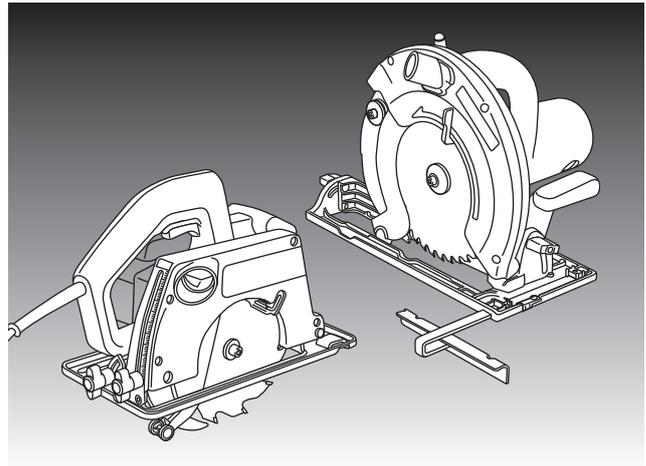
Do not lift or move the unit by its power supply cable.

Always switch OFF the Circular Saw and isolate it from the power supply before cleaning, making adjustments or when left unattended.

Ensure adequate ventilation when using this equipment. Do not operate the unit close to flammable or explosive materials.

Carefully inspect the equipment before use, if there is any doubt about its condition, DO NOT USE IT.

Circular saws are fitted with spring loaded retractable guards which MUST return to the closed position automatically. If the guard does NOT close and cover the blade completely STOP and contact the hire company for advice.



ELECTRICAL SAFETY

If you have hired a 230V model fitted with a 13A plug, it can be powered from a standard 230V 13A power supply.

If you have hired a 230V model fitted with a 16A plug, it can be powered from a 230V 16A mains powered socket or from a suitable generator.

Models fitted with a 110V 16A plug will require a 110V power supply, this should be taken from a suitable generator or from a transformer. If the equipment fails, or if any part becomes damaged, return it. DO NOT repair it yourself.

Fully unwind and loosely coil all extension leads. Position them away from the equipment where they will be protected from water, sharp objects and where they will not pose a trip hazard.



For additional safety, always use an RCD or power the equipment from a mains circuit with a built in RCD.

Switch the machine and power socket OFF before plugging into the power supply.

PREPARATION

Select a work area which is well lit and offers good ventilation. If the item being cut is portable, always place it on a suitable work bench and secure it in a vice or with clamps.

Make sure that the power supply is within easy reach of the work area to ensure that cables are not placed under strain.

Ensure adequate space around the work area for the operator to work safely.

Clear the floor area around the work at regular intervals to help safeguard against accidents.

If working at height, work from a suitable work platform, NOT a ladder or steps.

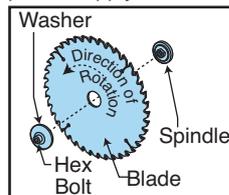
SETTING UP THE CIRCULAR SAW

BLADE SELECTION

Fit the Circular Saw with the appropriate blade. Ask the hire shop for advice on the best type of blade for your job.

Caution; Circular Saw blades are sharp, handle carefully when changing.

To fit or replace the blade firstly isolate the Circular Saw from the power supply.



Press and hold the shaft-locking button which will stop the blade rotating. Using the hex key provided, unscrew and remove the blade retaining bolt and washer.

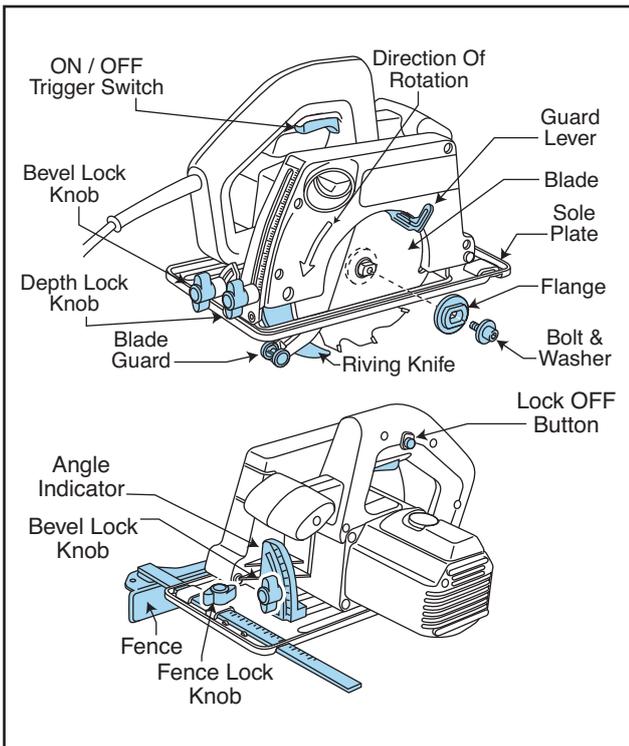
Taking great care, remove the flange then slide the blade guard back and remove any fitted blade. Insert the replacement blade onto the spindle ensuring its teeth

are facing the correct direction of rotation and that the blades centre hole is the correct size.

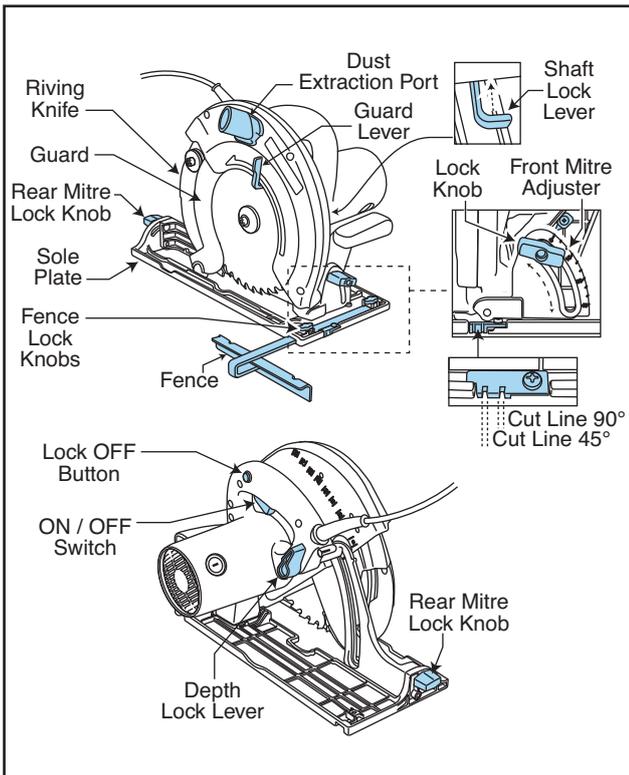
Replace the flange, retaining bolt and washer and secure firmly with the hex key.

Remove the hex key and release the shaft-locking button then rotate the blade, making sure that it rotates freely and does not 'wobble'.

CONTROLS



The Circular Saw is fitted with a trigger operated ON/OFF switch which has a lock OFF button. The lock OFF button must be depressed before the trigger can be operated.



SETTINGS

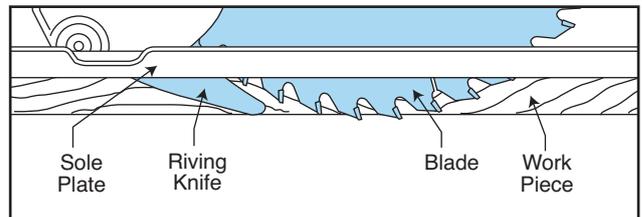
When using a circular saw to cut timber, the blade should be set so that it protrudes through the material by approximately one tooth. To adjust the depth, loosen the depth lock knob, lower the motor unit towards the sole plate to the required distance then re-lock.

You can also set the blade at an angle to produce a bevelled cut, note though that if setting a bevel angle, the depth will need setting afterwards.

To set the bevel angle, loosen the front and rear bevel lock knobs. The front bevel adjuster has an angle indicator as a rough guide, always use a suitable gauge to ensure the correct angle.

Once set, retighten the front and rear lock knobs.

To make a cut along the material at a set distance from one side, set the fence so that it is the required distance from the blade.



All circular saws are fitted with a riving knife which keeps the back of the cut open and stops the blade from being 'pinched'. The riving knife **MUST** be fitted.

If the knife is missing **DO NOT USE THE SAW**, contact the hire company for advice.

OPERATING THE UNIT

The saw's teeth will cut up from the bottom so when cutting worktops or material with a delicate surface, always turn the material with the good surface underneath.

Make sure that you are wearing your PPE (personal protective equipment).

Check the whereabouts of all cables and make sure all are clear of the cut line. Check also that there is enough cable to allow the saw to travel the full length of the cut without being restricted.

Place the Circular saw's sole plate onto the work without the blade in contact. Hold the Circular Saw firmly with both hands then depress the lock OFF button and squeeze the ON/OFF switch to bring the motor up to speed.

DO NOT operate this machine 'one handed' and do not swap hands when the unit is running.

Do not exert pressure on the machine, let it work at its own pace. Take your time, rushing the work is both dangerous and can damage the machine, the blade and the material.

Move the blade progressively along the cut line. Do not try to turn the blade, this will damage the blade and the work piece.

Always switch the Circular Saw OFF and wait for the blade to stop before removing it from the cut.

EQUIPMENT MAINTENANCE & CLEANING

Always replace the blade as soon as it becomes blunt.

When not being used, store the unit in a clean condition and in a safe place, away from thieves and unauthorised users.

FINALLY

When you have finished, switch the unit OFF and wait for the blade to stop then lift it clear of the work.

Disconnect the unit from the power supply then give the unit a final clean ready for return.

NOTE

Failure to clean the equipment thoroughly may make you liable to a cleaning charge.