



CORDLESS CHAINSAW

USER MANUAL

[Revision 5.0 October 2016]

RETAIN THIS MANUAL FOR FUTURE REFERENCE

THIS IS NOT A TOY. SERIOUS INJURY AND DEATH CAN OCCUR WITH USE.

READ MANUAL CAREFULLY AND SEEK EXPERT ASSISTANCE IF REQUIRED.



Click to Watch:

[Setting Up Your Chainsaw](#)

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SAFETY

GENERAL SAFETY PRECAUTIONS

- **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 power tool.
- **Work area safety**
 - Keep work area clean and well lit. Cluttered or 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. **NOTE:** The term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".
- **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 dust collection 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 tool that cannot be controlled with the switch is dangerous and must be repaired.
 - 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.
 - 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 tool's 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, 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.
- **Battery tool use and care**
 - Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
 - Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
 - When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
 - Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **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.
- **Storage**
 - Use a transport guard during transportation and storage.
 - Clean and maintain first before putting in storage.
 - Secure the unit during transport to prevent loss of fuel, damage or injury.

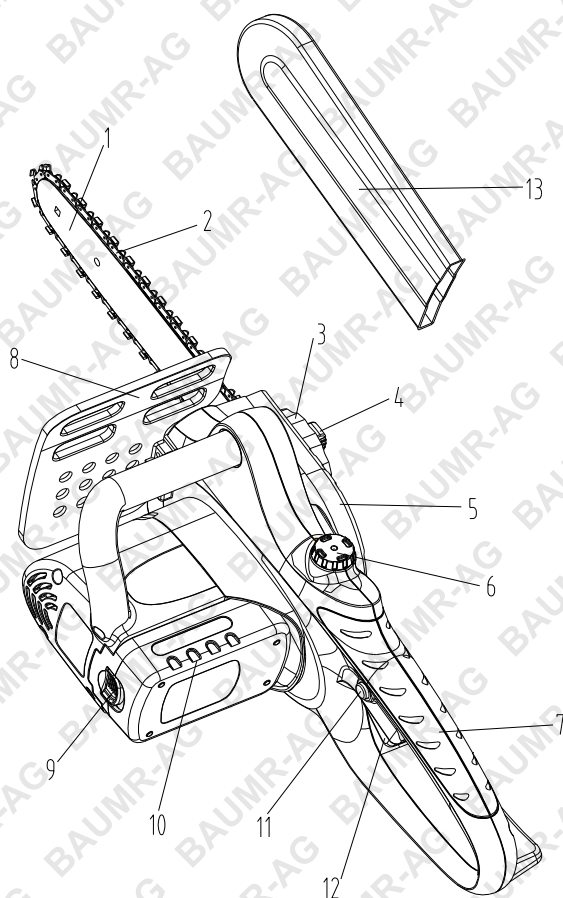
BATTERY SAFETY

- Never attempt to open or modify battery for any reason. Released electrolyte is corrosive and may cause damage to eyes and skin. It may be toxic if swallowed.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below.
 - The battery fluid, a 25-30% solution of potassium hydroxide, can be harmful. In case of skin contact, immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar. In case of eye contact, rinse abundantly with clean water for at least 10 minutes.
- Do not expose to water.
- Do not store in locations where the temperature may exceed 104°F (40°C).
- Charge at room temperature: 64°F-75°F (18°C-24°C), never at ambient temperatures below 40°F (4°C) and above 104°F (40°C).
- Charge only using the charger provided with the tool.
- Before charging, make sure that the battery is dry and clean.
- Use only the correct type of battery for the tool.
- Exercise care in handling and storing batteries in order not to short them with conductive materials such as rings, keys, coins. There is a real risk of the battery or the conductor overheating, causing fire or burns.
- Do not dispose of battery in fire. It may explode. Follow instructions and regulations given by local authorities concerning environmental protection. Dispose of old batteries at an appropriate waste disposal facility.

CHARGER SAFETY

- Use your charger only to charge the battery in the tool which it was supplied. Other batteries could burst, causing personal injury and damage.
- Never attempt to charge non-rechargeable batteries.
- Do not expose the charger to water.
- Do not open the charger.
- Do not probe the charger.

COMPONENTS



No.	PART
1.	Guide bar
2.	Saw chain
3.	Adjusting wheel
4.	Tension wheel
5.	Sprocket cover
6.	Bar oil tank cap
7.	Rear handle

No.	PART
8.	Front hand guard
9.	Battery release button
10.	battery
11.	Trigger lockout
12.	Trigger
13.	Scabbard

SET-UP

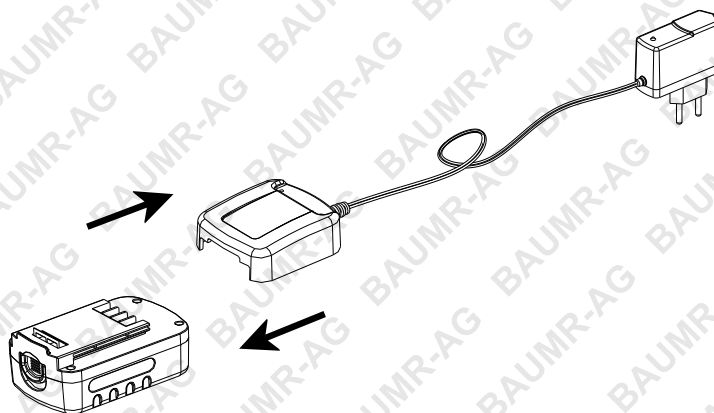
CHARGING THE BATTERY

Before attempting to charge the battery pack, thoroughly read all Safety Instructions.

The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before. The battery may become warm while charging; this is normal and does not indicate a problem.

NOTE: After several charge and discharge cycles, the battery will attain full capacity.

WARNING! DO NOT CHARGE THE BATTERY AT AMBIENT TEMPERATURES BELOW 4°C OR ABOVE 40°C (BELOW 40°F OR ABOVE 104°F).



1. Plug charger cord into charger base.

IMPORTANT: Do not use any other charger, only use the charger that comes with the product.

2. Plug the charger into an electrical outlet. The charge LED will light up green.

IMPORTANT: Do not charge via an engine generator or DC power source.

3. Slide the charger into the battery pack. The charge LED will light up red indicating that the battery is charging. **NOTE:** It may take 2 – 5 mins to turn red.
4. When the LED turns green again, it indicates that the battery is fully-charged. After the initial charge, under normal usage, your battery pack should be fully charged in 4 hours.
5. Unplug charger. Remove the battery from the charger.

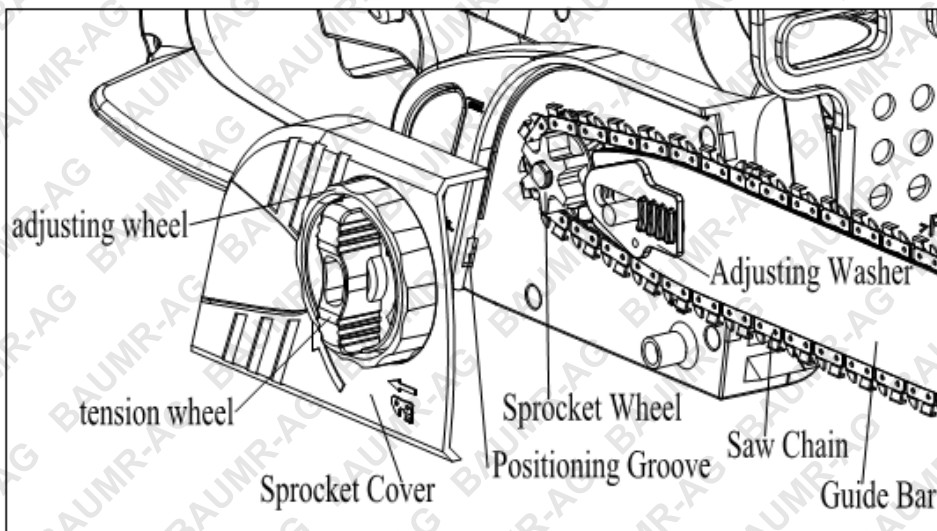
IMPORTANT CHARGING REMINDERS

- After normal usage, your battery pack should be fully charged in about 4 hours. Allow the battery to cool down before charging after using the saw. (**NOTE:** A hot battery placed in the charger will not charge).
- The battery normally provides 15 minutes continuous run time depending on size of branches being cut. This equates to approx. 30 x 6cm cuts. Time may vary depending on hardness and diameter of timber.
- Battery may drain slowly if connected to the unit when in storage. Always disconnect between uses.
- When battery has expired, chainsaw will immediately cease operating and will require a full charge.
- If storing your chainsaw for a period of more than 30 days, fully charge your battery beforehand. Once charged, remove from charger and do not reinsert into saw.
- DO NOT charge the battery pack in an air temperature below 4°C or above 40°C. This is important and will prevent serious damage to the battery pack.
- While charging, the charger may hum and become warm to touch. This is a normal condition and does not indicate a problem.
- To prolong battery life, avoid leaving the battery pack on charger for extended periods of time (over 30 days without use). Although overcharging is not a safety concern, it can significantly reduce overall battery life.
- The battery pack will reach optimum performance after being cycled 5 times during normal usage. There is no need to run the batteries down completely before recharging. Normal usage is the best method of discharging and recharging the batteries.

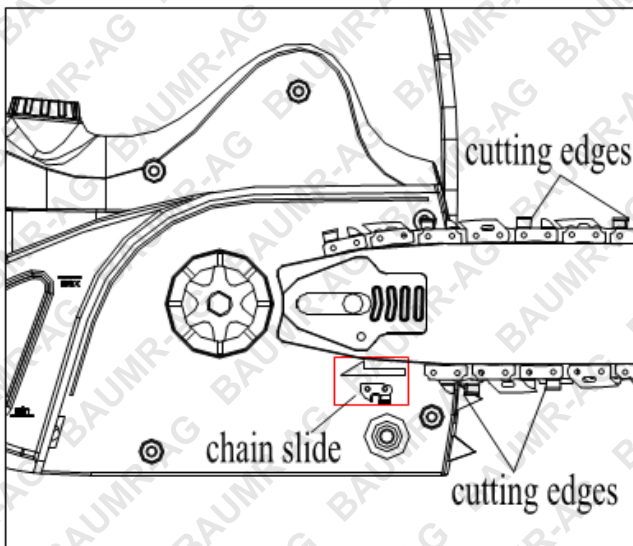
CHAINSAW ASSEMBLY

IMPORTANT! The chainsaw may come with plastic spacers over or around the bar studs - the spacer is for shipping purposes only and must be removed before mounting the chain bar. After removing the chain brake cover, remove any spacers, then mount the chain bar as described. Failure to remove any spacers before assembling and using the chainsaw will present an injury hazard, damage the unit and will void the warranty.

1. Remove the chainsaw Sprocket Cover by turning the Tension wheel in the Unlock direction until it releases.
2. Place the new chain around the sprocket wheel, along the top groove of the guide bar, and around the guide bar nose.



3. Make sure that the cutting edges of the chain are facing in the right direction. Position the chain so that the cutting edges on top of the guide bar face the guide bar nose (see image below and the indicator on the side cover of the saw).



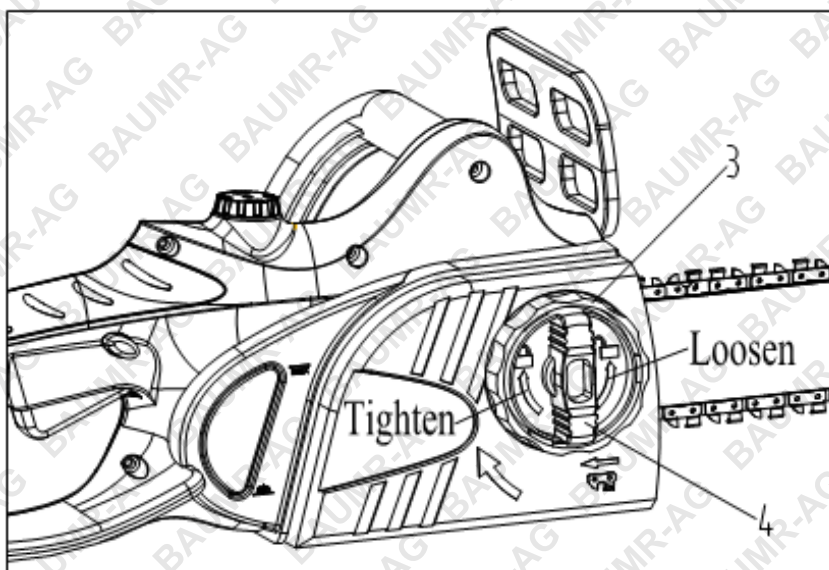
4. Reinstall Sprocket Cover so it is flush with the unit.

SAW CHAIN TENSION

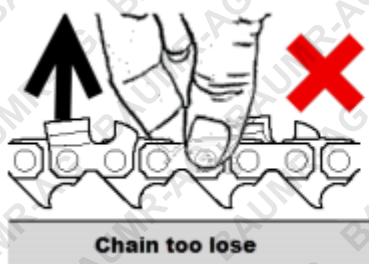
WARNING!

- **Never have the battery attached when adjusting the chainsaw chain.** Severe injury or death could occur from body contact with moving chain.
- Cutting edges on chain are sharp. Use protective gloves when handling chain.

1. Remove battery.
2. Loosen tension wheel (4) before adjusting chain.
3. Turn the adjusting wheel (3) until slack is out of chain.



4. Wearing protective gloves, pull up chain at the centre of the guide bar to check chain tension.
5. Do not put too much tension on the chain. Over-tensioning will cause excessive wear and will reduce the life of the guide bar and chain. Over-tensioning also reduces the amount of cuts per battery charge.



6. After setting the correct chain tension, tighten tension wheel (4) firmly (see image above).

NOTE: The tension on the chain is properly set at the factory. A new chain will stretch however. Check new chain tension frequently (after disconnecting battery) during the first 2 hours of operation. Allow chain to cool down before touching it. Repeat steps above to check chain tension.

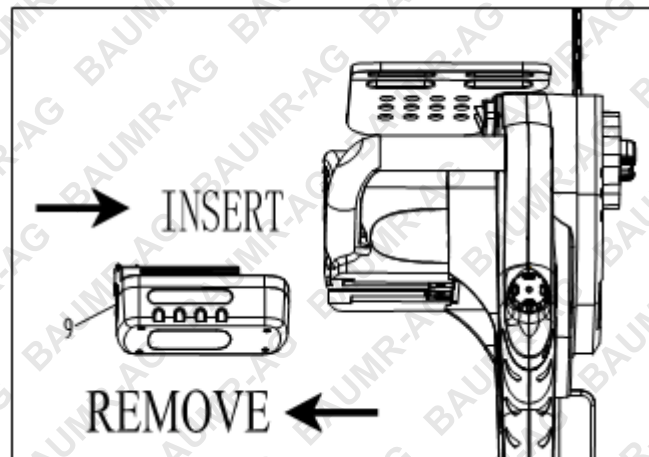
CONNECTING THE BATTERY

WARNING! Cutting edges on chain are sharp! Use protective gloves when handling the chain.

1. Remove battery cover from battery
2. To insert the battery pack, groove along the handle and insert in the full position, until the Battery Release Button (9) bounces back to its normal position again.

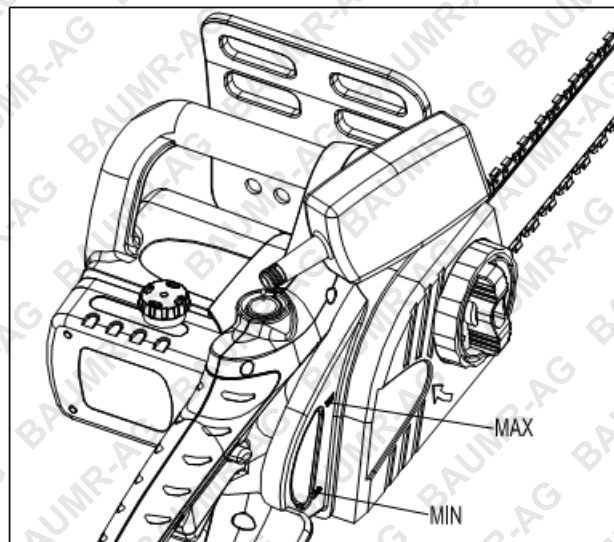
To remove the battery pack, pull it out from the tool while pulling the Battery Release Button (9) down.

NOTE: Charge battery fully before using it for the first time (see [Charging the Battery](#)).



3. Add high-quality oil into the chainsaw's bar oil tank up to the "Max" level indicator.

IMPORTANT: After filling the bar oil tank up, close the cap tightly. See image below.



Bar oil level needs to be checked via the viewing window on the side of the saw prior to each use. This oil lubricates the chain during usage. Failure to keep oil above the minimum level will result in damage to the saw and will void your warranty.

OPERATION

CUTTING WITH THE CHAINSAW



It is important you read and understand the instruction manual before first use and keep the manual in a safe place for future reference.



Safety precautions must be observed to reduce the risk of personal injury when operating this machine.



DANGER! Keep clear of power lines, contact can cause death.



It is strongly recommended that a comprehensive training course on machine use, fuel handling safety and engine operation be completed before attempting to use this machine.



Never allow children to access the machine.



Always wear ear protection. Loud noises for an extended period of time may damage your hearing.



Total face and head protection must be worn to reduce injury from falling branches.

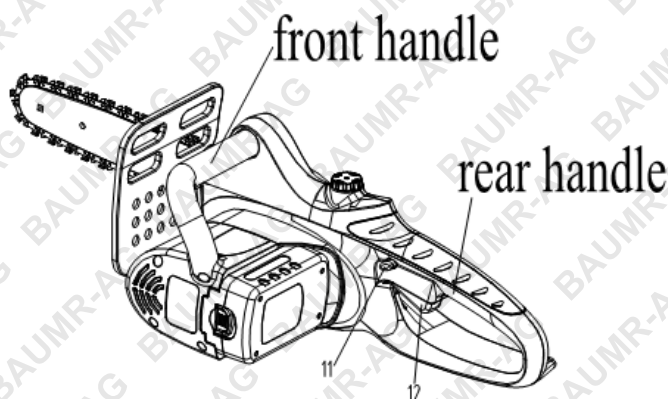


Wear no-slip heavy duty work gloves to improve your grip on the saw handle. Gloves also reduce the transmission of machine vibration to your hands.



The dust produced during operation may be dangerous to health. If the work area is very dusty or smoky, wear a respirator.

1. Fill-up the chainsaw's bar oil tank.
2. Attach battery to the chainsaw.
3. Make sure that the section of log to be cut is not laying on the ground. This will keep the chain from touching the ground as it cuts through the log. Touching the ground while the chain is moving will dull it.
4. Use both hands to grip the chainsaw. Always use the left hand to grip the front handle and the right hand to grip the rear handle. Use a firm grip. Thumbs and fingers must wrap around the saw handles (see image below).



5. Make sure your footing is firm. Keep feet apart. Divide your weight evenly on both feet.
6. When ready to make a cut, press in the trigger lockout (11) and trigger (12) (see image above). This will turn chainsaw ON. Releasing your hold on the trigger will turn the chainsaw off. Make sure that the saw is running before starting a cut.

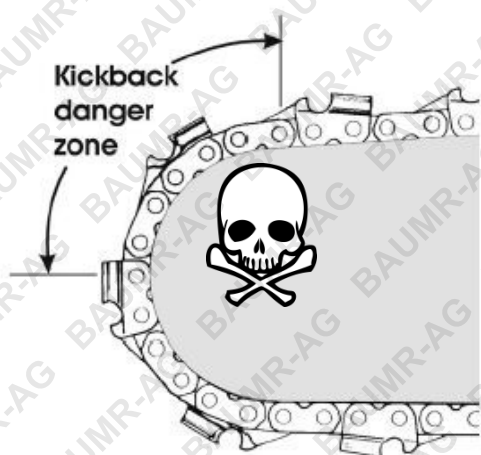
7. When starting a cut, place moving chain against the wood. Hold chainsaw firmly in place to avoid possible bouncing or skating (sideways movement) of saw.
8. Guide the chainsaw using light pressure. Do not force the chainsaw. The motor will overload and can burn out. It will do the job better and safer at the rate for which it was intended.
9. Remove the chainsaw from a cut while the chainsaw is still running. Stop the chainsaw by releasing the trigger. Make sure that the chainsaw has stopped before setting it down.
10. Practice until you can maintain a steady, even cutting rate.

KICKBACK



CRITICAL! Other than the obvious risk of physical contact with a moving chain, the single most dangerous aspect of the saw is 'kickback'.

This occurs when the bar nose contacts an object, resulting in an instantaneous kick reaction which can launch the rotating chain toward the users face/head. Severe injuries and sometimes death can result.



To prevent kickback:

- Avoid using the bar nose. Always be alert to **anything** coming in contact with the bar nose.
- Ensure that safety chain is used, and that it is correctly sharpened and tensioned.
- Always operate with two hands on the saw handles, with the thumb of the left hand placed under the front handle.
- Avoid the use of the saw above the shoulders and always keep the saw in front of the body.

CUTTING A TREE

WARNING!

- **Avoid kickbacks. Kickbacks can result in severe injury or death.**
- **Do not fell a tree without ample skill or expert help.**
- **Keep children, animals, and bystanders away from area when felling a tree.**
- **If two or more persons perform bucking and felling operations at the same time, provide ample distance between operations. Provide distance of at least twice the height of tree being felled.**
- **When felling a tree, be aware of your surroundings. Do not endanger any person, strike utility lines, or cause property damage. If tree strikes utility lines, contact utility company at once.**

MAINTENANCE

CLEANING THE CHAINSAW BODY

Keep the chainsaw body clean. Use a soft cloth dampened with a mixture of mild soap and water. Wipe the chainsaw body clean.

When cleaning saw body:

- Do not submerge saw in any liquids.
- Do not use products that contain ammonia, chlorine, or abrasives.
- Do not use chlorinated cleaning solvents, carbon tetrachloride, kerosene, or gasoline.

CARE OF GUIDE BAR

Uneven bar wear causes most guide bar problems. Incorrect sharpening of chain cutter and depth gauge settings often cause this. When bar wears unevenly, it widens the guide bar groove (see image to the right). This causes chain clatter and rivet popping. Saw will not cut straight. Replace the guide bar if this occurs.

Inspect the guide bar before sharpening the chain. A worn or damaged guide bar is unsafe. A worn or damaged guide bar will damage the chain. It will also make cutting harder.

NORMAL GUIDE BAR MAINTENANCE

1. Remove the guide bar from the chainsaw.
2. Remove any sawdust from the guide bar groove periodically. Use a putty knife or wire (see image to the right).
3. Clean the oil slots after each day of use.
4. Remove the burrs from the sides of the guide bar. Use a flat file to make the side edges square.

Replace the guide bar when:

- The bar is bent or cracked.
- The inside groove of the bar is badly worn.

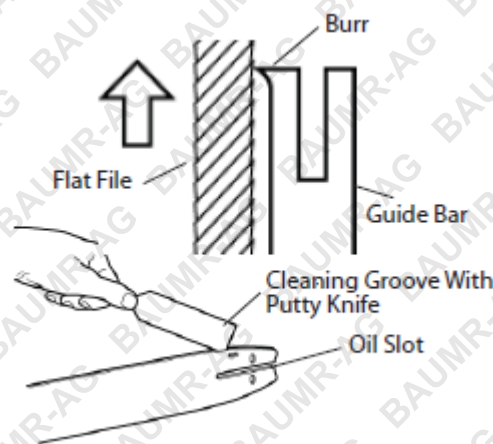
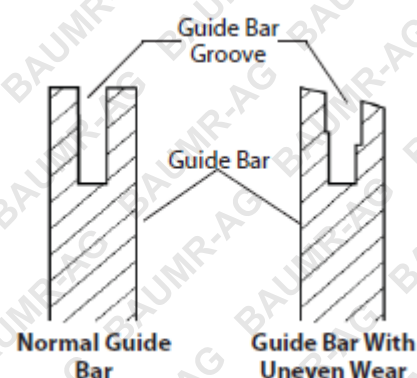
SHARPENING THE SAW CHAIN

Keep the chain sharp. Your saw will cut faster and more safely. A dull chain will cause undue sprocket, guide bar, chain, and motor wear. If you must force chain into wood and cutting creates only sawdust with few large chips, the chain is dull.

ITEMS NEEDED TO SHARPEN THE CHAIN

Purchase these items from your local dealer, hardware store, or pole saw supplies outlet.

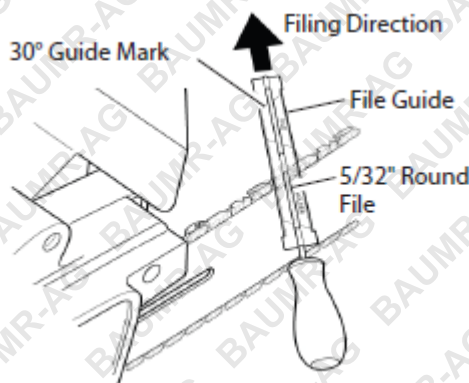
- 5/32" round file
- Depth gauge tool
- File guide
- Vise
- Medium sized flat file



SHARPENING THE CUTTERS

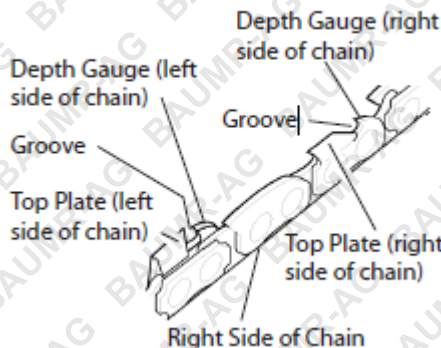
Use a file guide for 30° filing.

1. Adjust the chain for proper tension.
2. Clamp down the guide bar in the vise to hold the saw steady. **NOTE:** Do not clamp down the chain.
3. Press the 5/32" round file (attached to the file guide) into the groove between the top plate and the depth gauge on the chain. File guide should rest on both the top plate and the depth gauge (see image below). **NOTE:** File at the midpoint of the guide bar.



NOTE: This illustration shows file guide placement and filing direction for sharpening cutters on the left side of chain.

4. Hold the file guide level. Make sure that the 30° mark on the file guide is parallel to the centre of the guide bar (see image below). This will ensure that you file the cutters at a 30° angle.

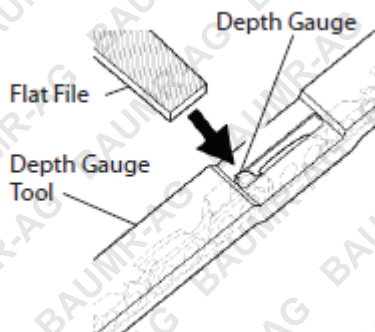


5. File from the inside towards the outside of the cutter until it is sharp. Only file in this one direction (see image above). **NOTE:** Two or three strokes with the file should sharpen the cutter.

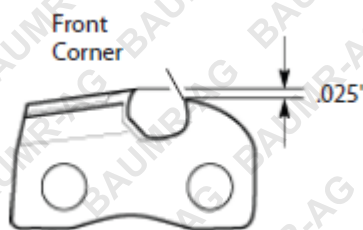
FILING CUTTER DEPTH GAUGES

The cutter depth gauge clearance is reduced as the cutters are sharpened. After every second or third sharpening, reset the cutter depth gauges.

1. Place the depth gauge tool (.025") firmly across the top of the two cutters. Make sure that the depth gauge enters the slot in the depth gauge tool (see image below).



2. Use a medium flat file. File the depth gauge level with the depth gauge tool.
3. Remove the depth gauge tool. With a flat file, round off the front corner of the cutter depth gauge (see image below).



After several hand filings, have an authorised service or sharpening centre machine-sharpen the chain. This will ensure an even filing.

4. Place the sprocket cover into the Positioning groove.
 5. Lock the sprocket cover with the tension wheel.
- IMPORTANT:** Do not lock it in very tightly.
6. Adjust the chain tension.
 7. Securely tighten the tension wheel.

CAUTION! Do not place the chain on the saw backwards. If chain is backwards, the chainsaw will vibrate badly and will not cut.

STORAGE

If storing the chainsaw for more than 30 days, follow the steps below:

1. Remove the battery from the chainsaw.
2. Charge the battery completely. **NOTE:** It could take up to 7 hours to completely charge the battery.
3. When the battery is completely charged, remove it from the charger and put the protective cap on the battery terminals.

IMPORTANT: To prolong the battery life, avoid leaving the battery on the charger for extended periods of time (over 30 days without use).

4. Remove and clean the guide bar and chain. Clean the guide bar and chain by soaking them in a petroleum-based solvent or a mixture of mild soap and water.
5. Dry out the guide bar and chain.
6. Place the chain in a container filled with oil. This will prevent rust from forming on the chain.
7. Wipe a thin coating of oil over the surface of the guide bar.
8. Wipe off the outside of the chainsaw body. Do this with a soft cloth dampened with a mixture of mild soap and water.
9. Store the chainsaw and battery:
 - In a high or locked place, out of children's reach.
 - In a dry place.
 - In a carrying case or with the scabbard over the guide bar.

BATTERY DISPOSAL AND RECYCLING



This product uses nickel-cadmium batteries. Local, state, or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash.

To help protect the environment and conserve natural resources, please dispose of batteries properly. You may contact your local recycling centre for information on where to drop off the batteries.





Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.

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