www.DEWALT.com

DCMCS565

Fig. A
图 A

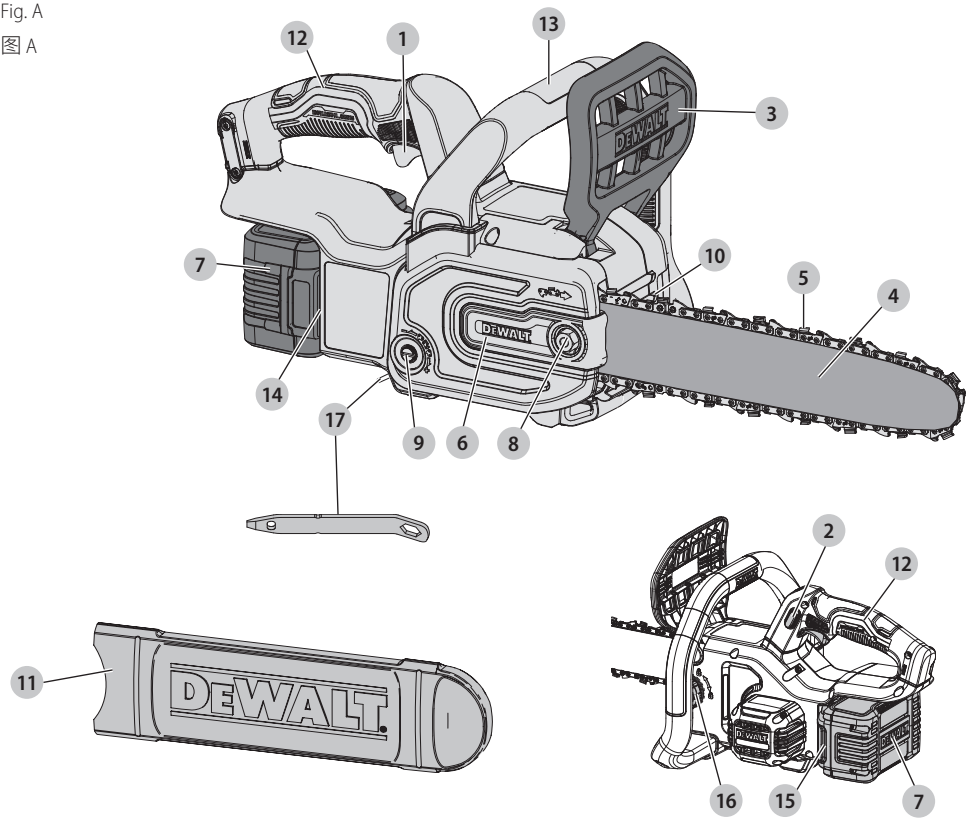


Fig. B
图B

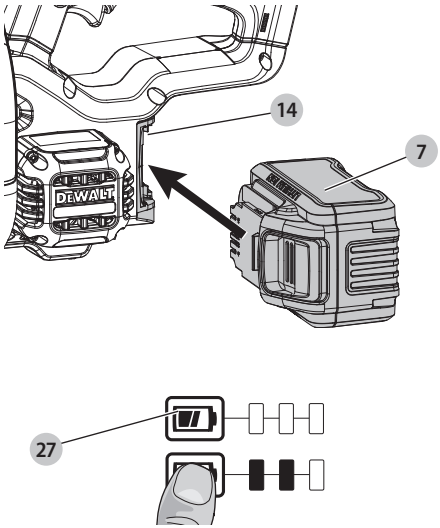


Fig. C
图C

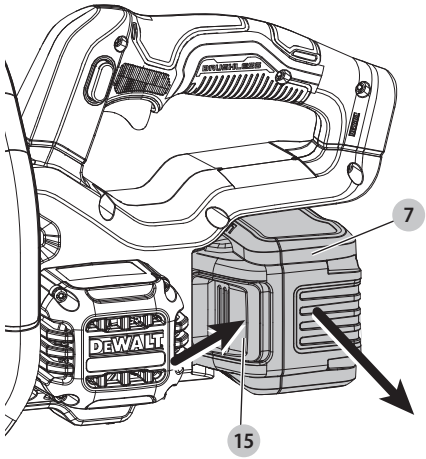


Fig. D

图D

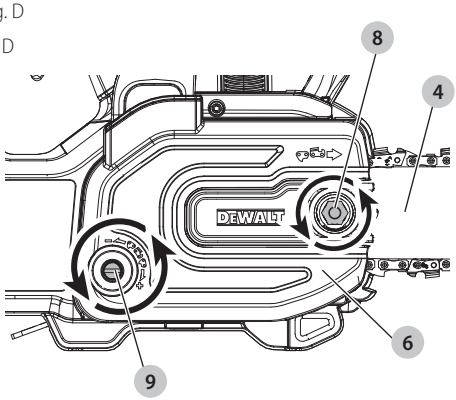


Fig. E

图E

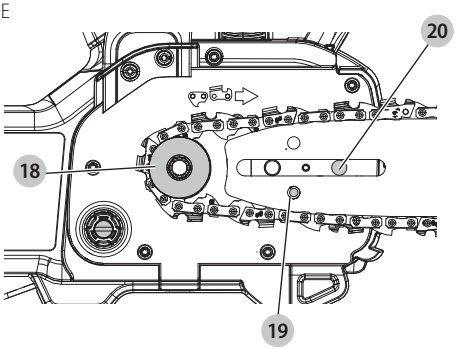


Fig. F

图F

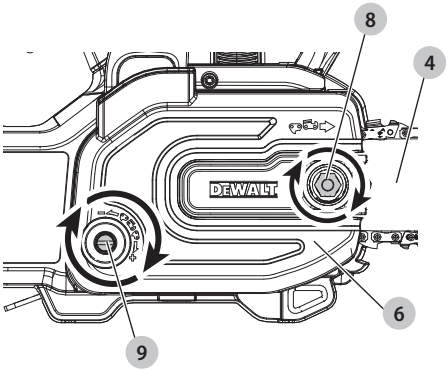


Fig. G

图G

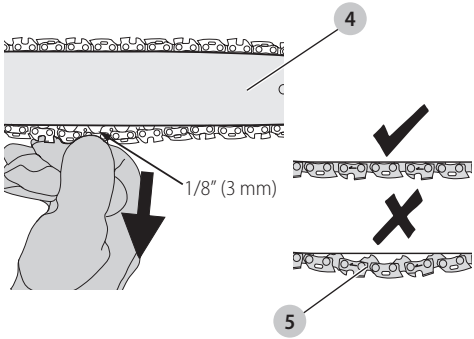


Fig. H

图H

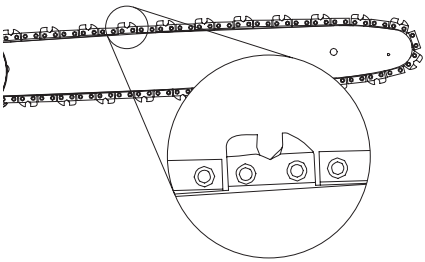


Fig. I

图I

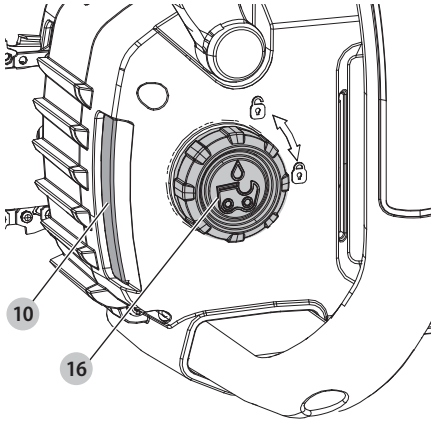


Fig. J
图J

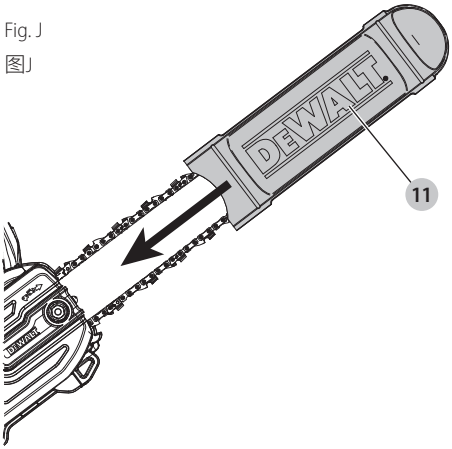


Fig. K
图K

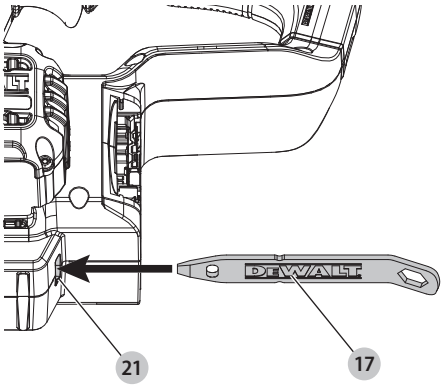


Fig. L
图L

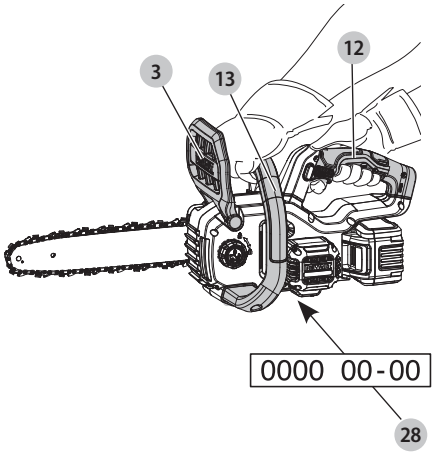


Fig. M
图M

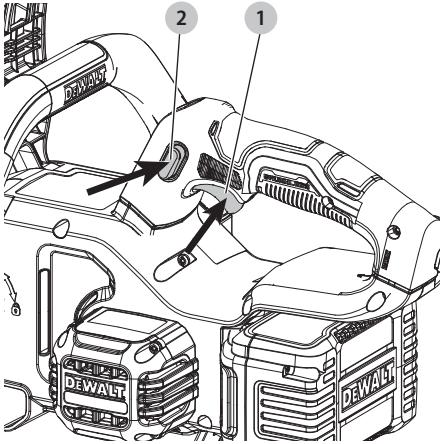


Fig. N
图N

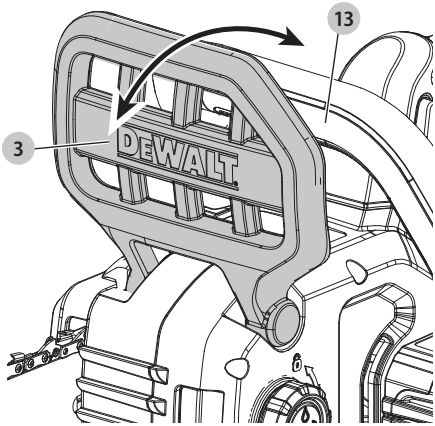


Fig. O
图O

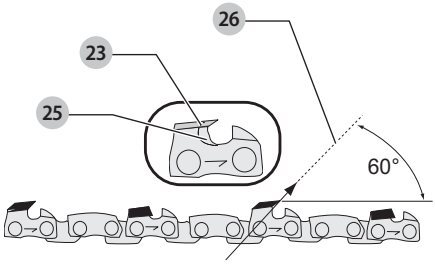


Fig. P

图P

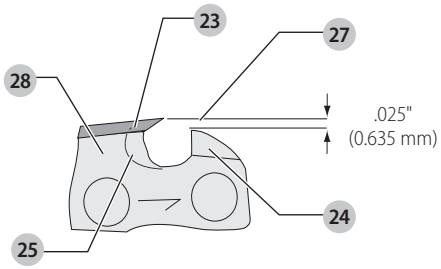
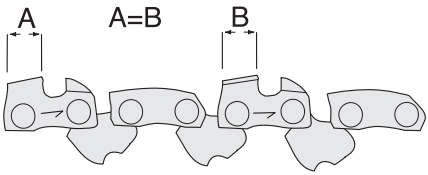


Fig. Q

图Q



20V MAX CHAINSAW
DCMCS565

WARNING: Read all safety warnings, instructions, illustrations, and specifications in this manual, including the battery and charger sections provided in an original tool manual or the separate Batteries and Chargers manual. *Manuals can be obtained by contacting Customer Service (refer to the back page of this manual).*

Technical Data

		DCMCS565
Voltage	V_{DC}	18 (20 Max)
Battery type		Li-Ion
Bar Length	cm	30
Maximum Chain Speed *(no-load)*	m/s	7.3
Maximum Cutting Length	cm	26
Oil Capacity	ml	215
Weight *(without saw chain, guide bar, guide bar cover, oil, and battery pack)*	kg	2.7

WARNING: *To reduce the risk of injury, read the instruction manual.*

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

DANGER: *Indicates an imminently hazardous situation which, if not avoided,* ***will*** *result in* ***death or serious injury****.*

WARNING: *Indicates a potentially hazardous situation which, if not avoided,* ***could*** *result in* ***death or serious injury****.*

CAUTION: *Indicates a potentially hazardous situation which, if not avoided,* ***may*** *result in* ***minor or moderate injury****.*

NOTICE: *Indicates a practice* ***not related to personal injury*** *which, if not avoided,* ***may*** *result in* ***property damage****.*

Denotes risk of electric shock.

Denotes risk of fire.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below 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 a 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 and clothing 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.*

h) ***Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.*** *A careless action can cause severe injury within a fraction of a second.*

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 remove the battery pack, if detachable, 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 and accessories. 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.*

h) ***Keep handles and grasping surfaces dry, clean and free from oil and grease.*** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Battery Tool Use and Care

a) ***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.*

b) ***Use power tools only with specifically designated battery packs.*** *Use of any other battery packs may create a risk of injury and fire.*

c) ***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.*

d) ***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.*

e) ***Do not use a battery pack or tool that is damaged or modified.*** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*

f) ***Do not expose a battery pack or tool to fire or excessive temperature.*** *Exposure to fire or temperature above 130 °C may cause explosion.*

g) ***Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.*** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

6) 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) ***Never service damaged battery packs.*** *Service of battery packs should only be performed by the manufacturer or authorised service providers.*

General Chain Saw Safety Warnings

a) ***Keep all parts of the body away from the saw chain when the chain saw is operating. Before you start the chain saw, make sure the saw chain is not contacting anything.*** *A moment of inattention while operating chain saws may cause entanglement of your clothing or body with the saw chain.*

b) ***Always hold the chain saw with your right hand on the rear handle and your left hand on the front handle.*** *Holding the chain saw with a reversed hand configuration increases the risk of personal injury and should never be done.*

c) ***Hold the chain saw by insulated gripping surfaces only, because the saw chain may contact hidden wiring.*** *Saw chains contacting a "live" wire may make exposed metal parts of the chain saw "live" and could give the operator an electric shock.*

d) ***Wear eye protection. Further protective equipment for hearing, head, hands, legs and feet is recommended.*** *Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.*

e) ***Do not operate a chain saw in a tree, on a ladder, from a rooftop, or any unstable support.*** *Operation of a chain saw in this manner could result in serious personal injury.*

f) ***Always keep proper footing and operate the chain saw only when standing on fixed, secure and level surface.*** *Slippery or unstable surfaces may cause a loss of balance or control of the chain saw.*

g) ***When cutting a limb that is under tension, be alert for spring back.*** *When the tension in the wood fibres is released, the spring loaded limb may strike the operator and/or throw the chain saw out of control.*

h) ***Use extreme caution when cutting brush and saplings.*** *The slender material may catch the saw chain and be whipped toward you or pull you off balance.*

i) ***Carry the chain saw by the front handle with the chain saw switched off and away from your body. When transporting or storing the chain saw, always fit the guide bar cover.*** *Proper handling of the chain saw will reduce the likelihood of accidental contact with the moving saw chain.*

j) ***Follow instructions for lubricating, chain tensioning and changing the bar and chain.*** *Improperly tensioned or lubricated chain may either break or increase the chance for kickback.*

k) ***Cut wood only. Do not use chain saw for purposes not intended. For example: do not use chain saw for cutting metal, plastic, masonry or non-wood building materials.*** *Use of the chain saw for operations different than intended could result in a hazardous situation.*

l) ***Do not attempt to fell a tree until you have an understanding of the risks and how to avoid them.*** *Serious injury could occur to the operator or bystanders while felling a tree.*

m) ***Follow all instructions when clearing jammed material, storing or servicing the chain saw. Make sure the switch is off and the battery pack is removed.*** *Unexpected actuation of the chain saw while clearing jammed material or servicing may result in serious personal injury.*

Causes and operator prevention of kickback:

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.

Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a chain saw user, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of chain 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 thumbs and fingers encircling the chain saw handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces.*** *Kickback forces can be controlled by the operator, if proper precautions are taken. Do not let go of the chain saw.*

b) ***Do not overreach and do not cut above shoulder height.*** *This helps prevent unintended tip contact and enables better control of the chain saw in unexpected situations.*

c) ***Only use replacement guide bars and saw chains specified by the manufacturer.*** *Incorrect replacement guide bars and saw chains may cause chain breakage and/or kickback.*

d) Follow the manufacturer's sharpening and maintenance instructions for the saw chain. *Decreasing the depth gauge height can lead to increased kickback.*

The Following Precautions Should Be Followed to Minimize Kickback:

1. ***Grip saw firmly. Hold the chain saw firmly with both hands when the motor is running. Use a firm grip with thumbs and fingers encircling the chain saw handles.*** *Chain saw will pull forward when cutting on the bottom edge of the bar, and push backward when cutting along the top edge of the bar.*

2. ***Do not over reach.***

3. ***Keep proper footing and balance at all times.***

4. ***Don't let the nose of the guide bar contact a log, branch, ground or other obstruction.***

5. ***Don't cut above shoulder height.***

6. ***Use devices such as low kickback chain and reduced kickback guide bars that reduce the risks associated with kickback.***

7. ***Only use replacement bars and chains specified by the manufacturer or the equivalent.***

8. ***Never let the moving chain contact any object at the tip of the guide bar.***

9. ***Keep the working area free from obstructions such as other trees, branches, rocks, fences, stumps, etc.*** *Eliminate or avoid any obstruction that your saw chain could hit while you are cutting through a particular log or branch.*

10. ***Keep your saw chain sharp and properly tensioned. A loose or dull chain can increase the chance of kickback.*** *Check tension at regular intervals with the motor stopped and tool unplugged, never with the motor running.*

11. ***Begin and continue cutting only with the chain moving at full speed.*** *If the chain is moving at a slower speed, there is a greater chance for kickback to occur.*

12. ***Cut one log at a time.***

13. ***Use extreme caution when re-entering a previous cut.*** *Engage bucking spikes into wood and allow chain to reach full speed before proceeding with cut.*

14. ***Do not attempt plunge cuts or bore cuts.***

15. ***Watch for shifting logs or other forces that could close a cut and pinch or fall into chain.***

16. ***Only recommended guide bar and saw chain combination(s) that can be used and that maintains compliance with related standards.***

17. ***Use only recommended lubricants.***

Kickback Safety Features

⚠ ***WARNING:*** *The following features are included on your saw to help reduce the hazard of kickback; however such features will not totally eliminate this dangerous reaction. As a chain saw user do not rely only on safety devices. You must follow all safety precautions, instructions, and maintenance in this manual to help avoid kickback and other forces which can result in serious injury.*

- *Reduced-Kickback Guide Bar, designed with a small radius tip which reduces the size of the kickback danger zone on bar tip. A reduced - kickback guide bar is one which has been demonstrated to significantly reduce the number and seriousness of kickbacks when tested in accordance with safety requirements for electric chain saws.*
- *Low-Kickback Chain, designed with a contoured depth gauge and guard link which deflect kickback force and allow wood to gradually ride into the cutter. A low-kickback chain is a chain which has met kickback performance requirements of ANSI B175.1–2012.*
- *Do not operate chain saw while in a tree, on a ladder, on a scaffold, or from any unstable surface.*
- *Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.*
- *Do not attempt operations beyond your capacity or experience. Read thoroughly and understand completely all instructions in this manual.*
- *Before you start chain saw, make sure saw chain is not contacting any object.*
- *Do not operate a chain saw with one hand! Serious injury to the operator, helpers, or bystanders may result from one handed operation. A chain saw is intended for two-handed use only.*
- *Keep the handles dry, clean, and free of oil or grease.*
- *Do not allow dirt, debris, or sawdust to build up on the motor or outside air vents.*
- *Stop the chain saw before setting it down.*

- *Do not cut vines and/or small under brush.*
- *Use extreme caution when cutting small size brush and saplings because slender material may catch the saw chain and be whipped toward you or pull you off balance.*

Chain Saw Names and Terms

- ***Bucking -*** *The process of cross cutting a felled tree or log into lengths.*
- ***Motor Brake (if equipped) -*** *A device used to stop the saw chain when the trigger is released.*
- ***Chain Saw Powerhead -*** *A chain saw without the saw chain and guide bar.*
- ***Drive Sprocket or Sprocket -*** *The toothed part that drives the saw chain.*
- ***Felling -*** *The process of cutting down a tree.*
- ***Felling Back Cut -*** *The final cut in a tree felling operation made on the opposite side of the tree from the notching cut.*
- ***Front Handle -*** *The support handle located at or toward the front of the chain saw.*
- ***Front Hand Guard -*** *A structural barrier between the front handle of a chain saw and the guide bar, typically located close to the hand position on the front handle.*
- ***Guide Bar -*** *A solid railed structure that supports and guides the saw chain.*
- ***Scabbard/Guide Bar Cover -*** *Enclosure fitted over guide bar to help prevent tooth contact when saw is not in use.*
- ***Kickback -*** *The backward or upward motion, or both of the guide bar occurring when the saw chain near the nose of the top area of the guide bar contacts any object such as a log or branch, or when the wood closes in and pinches the saw chain in the cut.*
- ***Kickback, Pinch -*** *The rapid pushback of the saw which can occur when the wood closes in and pinches the moving saw chain in the cut along the top of the guide bar.*
- ***Kickback, Rotational -*** *The rapid upward and backward motion of the saw which can occur when the moving saw chain near the upper portion of the tip of the guide bar contacts an object, such as a log or branch.*
- ***Limbing -*** *Removing the branches from a fallen tree.*
- ***Low-Kickback Chain -*** *A chain that complies with the kickback performance requirements of ANSI B175.1–2012 (when tested on a representative sample of chain saws.)*
- ***Normal Cutting Position -*** *Those positions assumed in performing the bucking and felling cuts.*
- ***Notching Undercut -*** *A notch cut in a tree that directs the tree's fall.*
- ***Rear Handle -*** *The support handle located at or toward the rear of the saw.*
- ***Reduced Kickback Guide Bar -*** *A guide bar which has been demonstrated to reduce kickback significantly.*
- ***Replacement Saw Chain -*** *A chain that complies with kickback performance requirements of ANSI B175.1–2012 when tested with specific chain saws. It may not meet the ANSI performance requirements when used with other saws.*
- ***Saw Chain -*** *A loop of chain having cutting teeth, that cut the wood,and that is driven by the motor and is supported by the guide bar.*
- ***Ribbed Bumper -*** *The ribs used when felling or bucking to pivot the saw and maintain position while sawing.*
- ***Switch -*** *A device that when operated will complete or interrupt an electrical power circuit to the motor of the chain saw.*
- ***Switch Linkage -*** *The mechanism that transmits motion from a trigger to the switch.*
- ***Switch Lockout -*** *A movable stop that prevents the unintentional operation of the switch until manually actuated.*

Residual Risks

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:

- *Impairment of hearing.*
- *Risk of personal injury due to flying particles.*
- *Risk of burns due to accessories becoming hot during operation.*
- *Risk of personal injury due to prolonged use.*

SAVE THESE INSTRUCTIONS

Battery Type

Refer to the battery/charger manual for more information.

Markings on Tool

The following pictograms are shown on the tool:


Read instruction manual before use.


Wear eye, ear and head protection.


Do not leave in rain.


Wear protective gloves.


Wear protective footwear.


Rotational direction of the saw chain.


Beware of chain saw kickback and contact of the guide bar tip with any object should be avoided.


Switch the tool off. Before performing any maintenance on the tool, remove the battery from the tool.

Directive 2000/14/EC guaranteed sound power.


Do not contact the guide bar tip with any object.


Always use two hands when operating the chainsaw.


Lock and unlock the chain brake.

Date Code Position (Fig. L)

The production date code **28** consists of a 4-digit year followed by a 2-digit week and is extended by a 2-digit factory code.

Description (Fig. A)

⚠ ***WARNING:*** *Never modify the power tool or any part of it. Damage or personal injury could result.*

1. On/Off trigger switch
2. Lock-off lever
3. Chain brake/front hand guard
4. Guide bar
5. Saw chain
6. Sprocket cover
7. Battery Pack†
8. Bar lock nut
9. Chain tensioning screw
10. Oil level indicator
11. Guide bar scabbard
12. Rear handle
13. Front handle
14. Battery housing
15. Battery release button
16. Oil cap
17. Wrench

†Included in some packages.

NOTE: Check for damage to parts or accessories which may have occurred during transport.

Intended Use

The DCMCS565 chainsaw is designed for cutting limbs or logs up to 25 cm in diameter.

DO NOT use under wet conditions or in presence of flammable liquids or gases.

These chainsaws are professional power tools.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

• **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.

• This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

• Do not store or use the tool and battery pack in locations where the temperature may fall below 4° C (39° F) (such as outside sheds or metal buildings in winter), or reach or exceed 40° C (104° F) (such as outside sheds or metal buildings in summer).

ASSEMBLY AND ADJUSTMENTS

⚠ ***WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories.*** *An accidental start-up can cause injury.*

⚠ ***WARNING:*** *Use only DEWALT batteries and chargers.*

Inserting and Removing the Battery Pack from the Tool (Fig. B, C)

NOTE: Make sure your battery pack 7 is fully charged.

To Install the Battery Pack into the Tool

1. Align the battery pack 7 with the rails inside the tool (Fig. B, C).
2. Slide it into the tool until the battery pack is firmly seated and ensure that you hear the lock snap into place.

To Remove the Battery Pack from the Tool

1. Press the battery release button 15 and firmly pull the battery pack out of the tool.
2. Insert battery pack into the charger as described in the charger section of this manual.

Fuel Gauge Battery Packs (Fig. B)

Some DEWALT battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

To actuate the fuel gauge, press and hold the fuel gauge button 27. A combination of the three green LED lights will illuminate designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

NOTE: The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

Installing the Guide Bar and Saw Chain (Fig. A, D–H)

⚠ ***CAUTION:*** *Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.*

⚠ ***WARNING:*** *Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.*

If the saw chain 5 and guide bar 4 are packed separately in the carton, the chain has to be attached to the bar, and both must be attached to the body of the tool.

1. Place the saw on a flat, firm surface.
2. Rotate the bar lock nut 8 counterclockwise with the wrench 17 provided.
3. Remove sprocket cover 6.
4. Wearing protective gloves, grasp the saw chain 5 and wrap it around the guide bar 4, ensuring the teeth are facing the correct direction (Fig. F).
5. Ensure the chain is properly set in the slot around the entire guide bar.
6. Place the saw chain around the sprocket 18. While lining up the slot on the guide bar with chain tensioning pin 19, and the bolt 20, on the side of the tool as shown in Fig. E.
7. Once in place, hold the bar still, replace sprocket cover 6. Install the rear of the sprocket cover first, rotate it down and make sure the bolt hole on the cover lines up with the bolt 20, on the main housing.
8. Rotate the bar lock nut 8 clockwise onto the bolt 20 with the wrench 17 until snug, then loosen nut one full turn, so that the saw chain can be properly tensioned.
9. Rotate the chain tensioning screw 9 clockwise to increase tension as shown in Fig. F. Make sure the saw chain 5 is snug around the guide bar 4. Tighten the bar lock nut 8 until snug.
10. Follow the instructions in the section ***Adjusting Chain Tension***.

Adjusting Chain Tension (Fig. A, F–H)

NOTE: Saw chain tension should be adjusted regularly before each use.

1. With the saw still on a firm surface check the saw chain 5 tension. The tension is correct when the saw chain snaps back

after being pulled 1/8" (3 mm) away from the guide bar 4 with light force from the middle finger and thumb as shown in Fig. G. There should be no "sag" between the guide bar and the saw chain on the underside as shown in Fig. G.

2. To adjust saw chain tension, loosen bar lock nut 8.

3. Rotate the chain tension screw 9 located on the sprocket cover using the flat screwdriver end of the wrench 17.

4. Check saw chain tension, adjust if needed.

5. Do not over-tension the saw chain as this will lead to excessive wear and will reduce the life of the guide bar and saw chain.

6. Once saw chain tension is correct, tighten bar lock nut 8 until tight using 6 ft. lbs. (8 Nm) of torque.

7. A new chain stretches slightly during the first few hours of use. It is important to check the tension frequently (after removing the battery pack) during the first two hours of use.

Replacing the Saw Chain (Fig. A, F, I)

⚠ ***CAUTION:*** *Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.*

⚠ ***WARNING:*** *Sharp moving chain. To prevent accidental operation, ensure the battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.*

1. To remove the saw chain 5, place the saw on a flat, firm surface.

2. Remove sprocket cover 6 as described in ***Installing the Guide Bar and Saw Chain*** section.

3. Rotate the chain tension screw 9 using the flat screwdriver end of the wrench 17. Turning the screw counterclockwise allows the guide bar 4 to recede and reduces the tension on the chain so that it may be removed.

4. Wearing protective gloves, grasp the saw chain and lift the worn saw chain out of the groove in the guide bar.

5. Flip guide bar over every time you replace the chain to ensure even wear.

6. Place the new chain in the slot of the guide bar, making sure the saw teeth are facing the correct direction by matching the arrow and graphic of the saw chain on the sprocket cover 6 as shown in Fig. F.

7. Follow instructions for ***Installing the Guide Bar and Saw Chain.***

Replacement chain and bar are available from your nearest DEWALT service center.

DCMCS565 requires replacement chain, service part number NA217515. Replacement 25 cm bar, service part number NA706633.

Saw Chain and Guide Bar Oiling (Fig. A, I)

Auto Oiling System

This chain saw is equipped with an auto oiling system that keeps the saw chain and guide bar constantly lubricated.

1. The oil level indicator 10 shows the level of the oil in the chain saw. If the oil level is less than a quarter full, remove the battery from the chain saw and refill the oil reservoir with the correct type of oil.

2. Always empty oil reservoir when finished cutting.

3. Always empty oil reservoir before storing this unit.

NOTE: Do not operate this chain saw without oil. And replenish it before the oil reservoir is empty.

NOTE: Always use DEWALT bar and chain oil, which has been designed for optimal performance. Other lubricants could clog or damage the dispenser. Always use a high-quality, biodegradable bar and chain oil for proper saw chain and bar lubrication. When pruning trees, vegetable-based bar and chain oil is recommended, as mineral-based oils may harm living trees. Never use dirty, used, or contaminated oil. Doing so may damage the tool.

Filling the Oil Reservoir

1. Unscrew counterclockwise and then remove the oil cap 16. Fill the reservoir with the recommended bar and chain oil until the oil level has reached the top of the oil level indicator 10.

2. Refit the oil cap and tighten clockwise.

3. Periodically switch the chain saw off and check the oil level indicator to ensure the bar and chain are being properly oiled.

Transporting Chain Saw (Fig. A, J)

• Always remove the battery from the tool, set the brake and cover the guide bar 4 with the scabbard 11 when transporting the saw.

Wrench Storage (Fig. A, K)

The wrench 17 is stored in the wrench storage slot 21 located on the bottom of the unit.

1. To use the wrench 17 pull it out of the wrench storage slot 21.

2. To store the wrench 17 push it into the wrench storage slot 21 screwdriver end first.

OPERATION

Instructions for Use

⚠ ***WARNING:*** *Always observe the safety instructions and applicable regulations.*

⚠ ***WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories.*** *An accidental start-up can cause injury.*

Proper Hand Position (Fig. L)

⚠ ***WARNING:*** *To reduce the risk of serious personal injury,* ***ALWAYS*** *use proper hand position as shown.*

⚠ ***WARNING:*** *To reduce the risk of serious personal injury,* ***ALWAYS*** *hold securely in anticipation of a sudden reaction.* Proper hand position requires the left hand on the front handle 13, with the right hand on the rear handle 12.

Operating the Chain Saw (Fig. A, L–N)

⚠ ***WARNING:*** *Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.*

• *Guard Against Kickback which can result in severe injury or death. See* **General Power Tool Safety Warnings** *and* **General Chainsaw Safety Warnings,** *and* **Causes and Operator Prevention of Kickback** *and* **Kickback Safety Features***, to avoid the risk of kickback.*

• *Do not overreach. Do not cut above chest height. Make sure your footing is firm. Keep feet apart. Divide your weight evenly on both feet.*

• *Use a firm grip with your left hand on the front handle 13 and your right hand on the rear handle 12 so that your body is to the left of the guide bar 4 .*

• *Do not hold chain saw by chain brake/front hand guard 3. Keep elbow of left arm locked so that left arm is straight to withstand a kickback.*

⚠ ***WARNING:*** *Never use a cross-handed grip (left hand on the rear handle and right hand on the front handle).*

⚠ ***WARNING:*** *Never allow any part of your body to be in line with the guide bar when operating the chain saw.*

• *Never operate while in a tree, in any awkward position or on a ladder or other unstable surface. You may lose control of saw causing severe injury.*

• *Keep the chain saw running at full speed the entire time you are cutting.*

• *Allow the saw chain to cut for you. Exert only light pressure. Do not put pressure on chain saw at end of cut.*

⚠ ***WARNING: When not in use always have the chain brake engaged and battery removed.***

Setting the Chain Brake (Fig. N)

Your chain saw is equipped with a chain braking system which will stop the chain quickly in case of kickback.

1. Remove the battery from the tool.
2. To engage the chain brake, push the chain brake/front hand guard **3** forward until it clicks into place.
3. Pull the chain brake/front hand guard **3** towards the front handle **13** into the "set" position as shown in Fig. N.
4. The tool is now ready to use.

NOTE: In the event of kickback, your left hand will come in contact with the front guard, pushing it forward, toward the workpiece. This will stop the tool.

Testing the Chain Brake (Fig. A, N)

Test the chain brake before every use to make sure it operates correctly.

1. Place the tool on a flat, firm surface. Make sure the saw chain **5** is clear of the ground.
2. Grip the tool firmly with both hands and turn the chain saw on.
3. Rotate your left hand forward around the front handle **13** so the back of your hand comes in contact with the chain brake/ front hand guard **3** and push it forward, toward the workpiece. The saw chain should stop immediately.

NOTE: If saw does not stop immediately, stop use of tool and bring it to an authorized service center nearest you.

⚠ ***WARNING: Make sure to set chain brake before cutting.***

ON/OFF Switch (Fig. M)

Always be sure of your footing and grip the chain saw firmly with both hands with the thumb and fingers encircling both handles.

1. To turn the unit on, push down on the the lock off lever **2**, shown in Fig. M, and squeeze the trigger switch **1**. Once the unit is running, you may release the lock off lever.
2. In order to keep the unit running you must continue to squeeze the trigger. To turn the unit off, release the trigger.

NOTE: If too much force is applied while making a cut the saw will turn off. To restart saw, you must release the trigger switch **1** before the saw will restart. Begin your cut again this time with less force. Allow the saw to cut at its own pace.

⚠ ***WARNING: Never attempt to lock a switch in the ON position.***

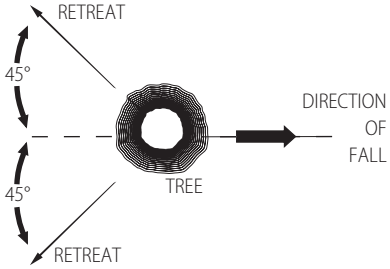
Common Cutting Techniques

Felling

The process of cutting down a tree. Do not fell trees in high wind conditions.

⚠ ***WARNING:*** *Felling can result in injury. It should only be performed by a trained person.*

• A retreat path should be planned and cleared as necessary before cuts are started. The retreat path should extend back and diagonally to the rear of the expected line of fall as shown below.

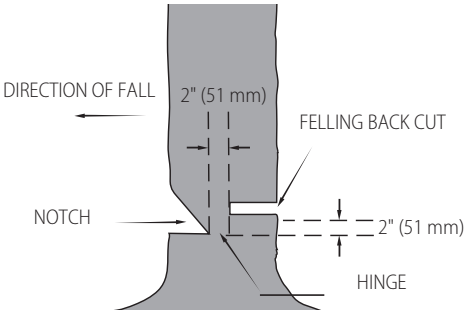


• Before felling is started, consider the natural lean of the tree, the location of larger branches and the wind direction to judge which way the tree will fall. Have wedges (wood, plastic or aluminum) and a heavy mallet handy. Remove dirt, stones, loose bark, nails, staples, and wire from the tree where the felling cuts are to be made.

• **Notching Undercut -** Make the notch 1/3 of the diameter of the tree, perpendicular to the direction of the fall. Make the lower horizontal notching cut first. This will help to avoid pinching of either the saw chain or the guide bar when the second notch cut is being made as shown below.

• **Felling Back Cut -** Make the felling back cut at least 2" (51 mm) higher than the horizontal notching cut. Keep the felling back cut parallel to the horizontal notching cut. Make the felling back cut so enough wood is left to act as a hinge. The hinge wood keeps the tree from twisting and falling in the wrong direction. Do not cut through the hinge as shown below.

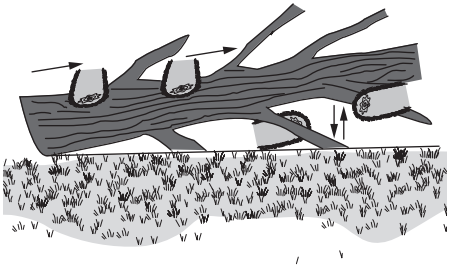
• As the felling cut gets close to the hinge the tree should begin to fall. If there is any chance that the tree may not fall in the desired direction or it may rock back and bind the saw chain, stop cutting before the felling cut is complete and use wedges to open the cut and drop the tree along the desired line of fall. When the tree begins to fall remove the chainsaw from the cut, stop the motor, put the chainsaw down, then use the retreat path planned. Be alert for overhead limbs falling and watch your footing.



Limbing

Removing the branches from a fallen tree. When limbing, leave larger lower limbs to support the log off the ground. Remove the

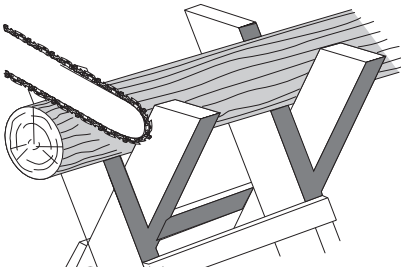
small limbs in one cut. Branches under tension should be cut from the bottom of the branch towards the top to avoid binding the chainsaw as shown below. Trim limbs from opposite side keeping tree stem between you and saw. Never make cuts with saw between your legs or straddle the limb to be cut.



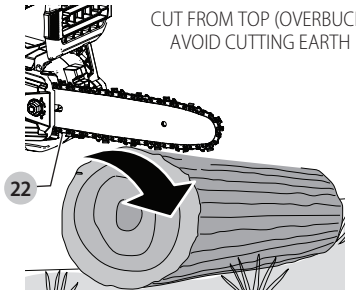
Bucking

⚠ ***WARNING:*** *Recommend that first-time users should practice cutting on a saw horse.*

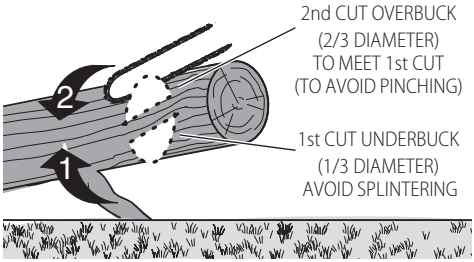
Cutting a felled tree or log into lengths. How you should cut depends on how the log is supported. Use a saw horse whenever possible as shown below.



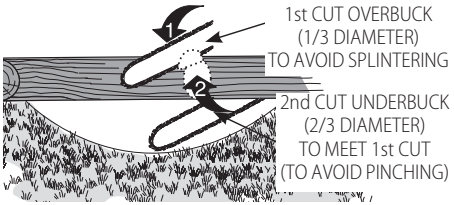
1. Always start a cut with the saw chain running at full speed.
2. Place the bottom spike **22** of the chainsaw behind the area of the initial cut as shown below.
3. Turn the chainsaw on then rotate the saw chain and bar down into the tree, using the spike as a hinge.
4. Once the chainsaw gets to a 45 ° angle, level the chainsaw again and repeat steps until you cut fully through.
5. When the tree is supported along its entire length, make a cut from the top (overbuck), but avoid cutting the earth as this will dull your saw quickly.



• When supported at one end first, cut 1/3 the diameter from the underside (underbuck). Then make the finishing cut by overbucking to meet the first cut as shown below.



• When supported at both ends. First, cut 1/3 down from the top overbuck. Then make the finished cut by underbucking the lower 2/3 to meet the first cut as shown below.



• When on a slope always stand on the uphill side of the log. When "cutting through", to maintain complete control reduce the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Don't let the chain contact the ground. After completing the cut, wait for the saw chain to stop before you move the chain saw. Always stop the motor before moving from cut to cut.

MAINTENANCE

Your power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

⚠ ***WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories.*** *An accidental start-up can cause injury.*

The charger and battery pack are not serviceable.

Please refer to the back page of this manual for service centre contact information, or visit **www.2helpU.com**.

Saw Chain and Guide Bar

After every few hours of use, remove the sprocket cover, guide bar and chain and clean thoroughly using a soft bristle brush. Ensure oiling hole on bar is clear of debris. When replacing dull chains with sharp chains it is good practice to flip the chain bar from bottom to top.

For best performance, have sharpening and maintenance of the saw chain performed by an authorised DEWALT service centre.

Sprocket and Sprocket Cover (Fig. A, F, I)

⚠ ***CAUTION:*** *Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.*

⚠ ***WARNING:*** *Sharp moving chain. To prevent accidental operation, ensure the battery is removed from the tool before*

performing the following operations. Failure to do this could result in serious personal injury.

1. Place the saw on a flat, firm surface.
2. Remove sprocket cover **6** as described in ***Installing the Guide Bar and Saw Chain*** section.
3. Wearing protective gloves, use a clean, soft bristle brush to wipe away any saw dust, sticks, vines or other debris that may have collected inside the sprocket cover **6** and around the saw chain **5** or sprocket **18**.
4. Rotate the chain tension screw **9** using the flat screwdriver end of the wrench **17**. Turning the screw counterclockwise allows the guide bar **4** to recede and reduces the tension on the chain so that it may be removed.
5. Wearing protective gloves, grasp the saw chain and guide bar and lift them away from the tool.
6. Wearing protective gloves, use a clean, soft bristle brush to wipe away any saw dust or other debris that may have collected on the guide bar **4** and around the saw chain **5**.
7. Install the chain, guide bar and sprocket cover **6** as described in ***Installing the Guide Bar and Saw Chain, Replacing the Saw Chain*** sections and adjust chain tension properly before use as described in the ***Adjusting Chain Tension*** section.

Saw Chain Sharpening (Fig. O–Q)

⚠ ***CAUTION:*** *Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.*

⚠ ***WARNING:*** *Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.*

⚠ ***WARNING:*** *Do not over file chain rakers* **24***, this will increase the risk of kickback. If the chain* **5** *has been sharpened more than four times, replace it.*

Each time the chain **5** is sharpened, it loses some of the low kickback qualities and extra caution should be used.

It is recommended that a saw chain be sharpened no more than four times.

NOTE: The cutters **25** will dull immediately if they touch the ground/dirt or a nail while cutting.

To get the best possible performance from your pole saw it is important to keep the cutters **25** of the saw chain sharp. Follow these helpful tips for proper saw chain sharpening:

1. For best results use a 5/16" (4 mm) file and a file holder or filing guide to sharpen your saw chain. This will ensure you always get the correct sharpening angles.
2. Place the file holder flat on the top plate **23** and depth gauge of the cutter **25**.
3. Keep the correct top plate **23** filing angle line of 30 ° **26** on your file guide parallel with your chain (file at 60 ° from chain viewed from the side) as shown in Fig. O.
4. Sharpen cutters **25** on one side of the chain **5** first. File from the inside of each cutter to the outside. Then turn your saw around and repeat the processes (2, 3, 4) for cutters on the other side of the chain.

NOTE: Use a flat file to file the tops of the rakers **27** (portion of chain link in front of the cutter **25** so they are about .025" (.635 mm) below the tips of the cutters as shown in Fig. P.

5. Keep all cutter lengths equal as shown in Fig. Q.
6. If damage is present on the chrome surface of the top plates **23** or side plates **28**, file back until such damage is removed.

⚠ ***CAUTION:*** *After filing, the cutter will be sharp, use extra caution during this process.*

Lubrication

Your power tool requires no additional lubrication.

Cleaning

⚠ ***WARNING:*** *Electrical shock and mechanical hazard. Disconnect the electrical appliance from the power source before cleaning.*

⚠ ***WARNING:*** *To ensure safe and efficient operation, always keep the electrical appliance and the ventilation slots clean.*

⚠ ***WARNING:*** *Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.*

Ventilation slots can be cleaned using a dry, soft non-metallic brush and/or a suitable vacuum cleaner. Do not use water or any cleaning solutions. Wear approved eye protection and an approved dust mask.

Optional Accessories

⚠ ***WARNING:*** *Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT-recommended accessories should be used with this product.*

Consult your dealer for further information on the appropriate accessories.

Protecting the Environment

Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at **www.2helpU.com**.

Rechargeable Battery Pack

This long life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

After Service and Repair

DEWALT service centers are staffed with trained personnel to provide customers with efficient and reliable product service. We do not take any responsibility when you have repaired in unauthorized service center. You can refer to the leaflet of CONTACT CENTER LOCATOR in product package and contact us through hotline, website or social media to find the nearest DEWALT service center around you.

DCMCS565 TROUBLESHOOTING

Problem	Solution
Unit will not start.	• Check battery installation. • Check battery charging requirements. • Check that lock-off is fully pushed down prior to moving main trigger. • Check that the chain brake is not engaged.
Unit shuts down in use.	• Charge battery. • Unit is being forced. Restart and apply less pressure.
Battery won't charge.	• Insert battery into charger until red charging light illuminates. Charge up to 8 hours if battery is totally drained. • Plug charger into a working outlet. • Check current at receptacle by plugging in an appliance. • Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights. • Move charger and appliance to a surrounding air temperature of above 4.5 ℃ or below 40.5 ℃.
Bar / Chain overheated.	• Refer to ***Adjusting Chain Tension*** section. • Refer to ***Saw Chain and Guide Bar Oiling*** section.
Chain is loose.	• Refer to ***Adjusting Chain Tension*** section.
Poor cut quality.	• Refer to ***Adjusting Chain Tension*** section. **NOTE:** Excessive tension leads to excessive wear and reduction in life of bar and chain. Lubricate before each cut. Refer to ***Replacing the Saw Chain*** section. • Chain cutters may be dulled. Refer to ***Saw Chain Sharpening*** section.
Unit runs but does not cut.	• Chain could be installed backwards. Refer to sections for installing and removing chain. • Chain cutters may be dulled. Refer to ***Saw Chain Sharpening*** section.
Unit does not oil.	• Refill oil reservoir. • Clean guide bar, sprocket and sprocket cover. Refer to ***Maintenance*** section.

20V锂电无刷链锯
DCMCS565

警告：请阅读本手册中的所有安全警告、说明、插图和规格，包括原始工具手册或单独的电池和充电器手册中的电池和充电器部分内容。如需手册，请联系客户服务部（参见本手册背面）。

技术数据

		DCMCS565
电压	V_{DC}	18（最大20）
电池类型		锂离子
导板长度	cm	30
最大链速（空载）	m/s	7.3
最大切割长度	cm	26
油壶容量	ml	215
重量（不含锯链、导板、导板护罩、油壶及电池包）	kg	2.7

警告：为降低伤害风险，请阅读使用手册。

定义：安全指南

下列定义描述了各标志术语的严重程度。请仔细阅读本手册，并注意这些标志。

⚠ **危险：**表示存在紧急危险情况，如果不加以避免，**将**导致**死亡或严重伤害**。

⚠ **警告：**表示存在潜在的危险情况，如果不加以避免，**可能**导致**死亡或严重伤害**。

⚠ **小心：**表示存在潜在的危险情况，如果不加以避免，**可能**导致**轻度或中度伤害**。

注意：表示存在**不涉及人身伤害**的情况，如果不加以避免，**可能**导致**财产损失**。

⚠ 表示存在触电风险。

⚠ 表示存在火灾风险。

电动工具通用安全警告

⚠ **警告！阅读随电动工具提供的所有安全警告、说明、图示和规定。**不遵照以下所列说明会导致电击、着火和/或严重伤害。

保存所有警告和说明书以备查阅。

警告中的术语“电动工具”指市电驱动（有线）电动工具或电池驱动（无线）电动工具。

a) 工作场地的安全

1) **保持工作场地清洁和明亮。**杂乱和黑暗的场地会引发事故。

2) **不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。**电动工具产生的火花会点燃粉尘或气体。

3) **操作电动工具时，远离儿童和旁观者。**注意力不集中会使你失去对工具的控制。

b) 电气安全

1) **电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。**未经改装的插头和相配的插座将降低电击风险。

2) **避免人体接触接地表面，如管道、散热片和冰箱。**如果你身体接触接地表面会增加电击风险。

3) **不得将电动工具暴露在雨中或潮湿环境中。**水进入电动工具将增加电击风险。

4) **不得滥用软线。绝不能用软线搬运、拉动电动工具或拔出其插头。使软线远离热源、油、锐边或运动部件。**受损或缠绕的软线会增加电击风险。

5) **当在户外使用电动工具时，使用适合户外使用的延长线。**适合户外使用的电线将降低电击风险。

6) **如果无法避免在潮湿环境下操作电动工具，应使用带有剩余电流装置(RCD)保护的电源。**RCD的使用可降低电击风险。

c) 人身安全

1) **保持警觉，当操作电动工具时关注所从事的操作并保持清醒。当你感到疲倦，或在有药物、酒精或治疗反应时，不要操作电动工具。**在操作电动工具时瞬间的疏忽会导致严重人身伤害。

2) **使用个人防护装置。始终佩戴护目镜。**防护装置，诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。

3) **防止意外起动。在连接电源和/或电池盒、拿起或搬运工具前确保开关处于关断位置。**手指放在开关上搬运工具或开关处于接通时通电会导致危险。

4) **在电动工具接通之前，拿掉所有调节钥匙或扳手。**遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。

5) **手不要过分伸展。时刻注意立足点和身体平衡。**这样能在意外情况下能更好地控制住电动工具。

6) **着装适当。不要穿宽松衣服或佩戴饰品。让你的头发和衣服远离运动部件。**宽松衣服、佩饰或长发可能会卷入运动部件。

7) **如果提供了与排屑、集尘设备连接用的装置，要确保其连接完好且使用得当。**使用集尘装置可降低尘屑引起的危险。

8) **不要因为频繁使用工具而产生的熟悉感而掉以轻心，忽视工具的安全准则。**某个粗心的动作可能在瞬间导致严重的伤害。

d) 电动工具使用和注意事项

*1) **不要勉强使用电动工具，根据用途使用合适的电动工具。**选用合适的按照额定值设计的电动工具会使你工作更有效、更安全。*

*2) **如果开关不能接通或关断电源，则不能使用该电动工具。**不能通过开关来控制的电动工具是危险的且必须进行修理。*

*3) **在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和/或卸下电池包（如可拆卸）。**这种防护性的安全措施降低了电动工具意外起动的风险。*

*4) **将闲置不用的电动工具贮存在儿童所及范围之外，并且不允许不熟悉电动工具和不了解这些说明的人操作电动工具。**电动工具在未经培训的使用者手中是危险的。*

*5) **维护电动工具及其附件。检查运动部件是否调整到位或卡住，检查零件破损情况和影响电动工具运行的其他状况。如有损坏，应在使用前修理好电动工具。**许多事故是由维护不良的电动工具引发的。*

*6) **保持切削刀具锋利和清洁。**维护良好地有锋利切削刃的刀具不易卡住而且容易控制。*

*7) **按照使用说明书，并考虑作业条件和要进行的作业来选择电动工具、附件和工具的刀头等。**将电动工具用于那些与其用途不符的操作可能会导致危险情况。*

*8) **保持手柄和握持表面干燥、清洁，不得沾有油脂。**在意外的情况下，湿滑的手柄不能保证握持的安全和对工具的控制。*

e) 电池式工具使用和注意事项

*1) **仅使用生产者规定的充电器充电。**将适用于某种电池包的充电器用到其他电池包时可能会发生着火危险。*

*2) **仅使用配有专用电池包的电动工具。**使用其他电池包可能会产生伤害和着火危险。*

*3) **当电池包不用时，将它远离其他金属物体，例如回形针、硬币、钥匙、钉子、螺钉或其他小金属物体，以防电池包一端与另一端连接。**电池组端部短路会引起燃烧或着火。*

*4) **在滥用条件下，液体可能会从电池组中溅出，应避免接触。如果意外碰到液体，用水冲洗。如果液体碰到了眼睛，还要寻求医疗帮助。**从电池中溅出的液体可能会发生腐蚀或燃烧。*

*5) **不要使用损坏或改装过的电池包或工具。**损坏或改装过的电池组可能呈现无法预测的结果，导致着火、爆炸或伤害。*

*6) **不要将电池包暴露于火或者高温中。**电池包暴露于火或高于130℃的高温中可能导致爆炸。*

f) 维修

*1) **让专业维修人员使用相同的备件维修电动工具。**这将保证所维修的电动工具的安全。*

*2) **决不能维修损坏的电池包。**电池包仅能由生产者或其授权的维修服务商进行维修。*

链锯安全警告：

*a) **操作链锯时，让身体所有部位远离链锯。在起动链锯之前，确保链锯没有接触其他物件。**操作链锯时不小心，就会让你衣服或身体缠入链锯。*

*b) **始终用右手握持链锯的后手柄，左手握持前手柄。**反手握持链锯，会增加人身伤害的风险，应绝对禁止。*

*c) **佩戴安全眼镜和听力保护器。建议进一步提供头、手、腿和脚的防护装备。**充分的防护衣可降低飞屑或意外触碰链锯导致的人身伤害。*

*d) **不要站在树上操作链锯。**上树操作链锯会造成人身伤害。*

*e) **始终保持良好的立足之地，并只有站在牢固、安全和平坦的地面上时才操作链锯。**易滑或不稳的地面，诸如梯子会引起失去平衡或链锯操作失控。*

*f) **锯割处于拉紧状态的枝杈时要提防反弹。**当木材纤维的拉力一旦释放，有弹性的树杈可能会击到操作者和/或致使链锯失控。*

*g) **锯割灌木和小树苗时要特别当心。**细条可能会夹住锯链并向操作者打来或拉操作者失去平衡。*

*h) **用前手柄携带关断的链锯并使得链锯远离你的身体。**当运输或储存链锯时应始终装有导板护罩。适当安放链锯将降低偶然碰到运动链锯的可能性。*

*i) **按照说明书进行润滑、张紧锯链和更换附件。**不适当张紧或润滑锯链可能会断裂或者增加反弹的可能性。*

*j) **保持手柄干燥、清洁并远离油和油脂。**油腻的手柄会打滑并引起失控。*

*k) **只锯割木材。不能将链锯用于其它目的。**例如：不能用链锯锯割塑料、石料或非木质建筑材料。用链锯做非预期的操作会引起危险。*

反弹原因和操作者防护：

当导板的前端或顶端碰到物体时，或当锯割时木材并拢而夹住链锯时可能会产生反弹。

某些情况下顶部接触会产生突然的反作用力，将导板向上和向后甩向操作者。

沿导板顶部夹住链锯会快速地将导板反推向操作者

这些反应中的任何一个都可能导致链锯失控，进而造成严重的人身伤害。请勿完全依赖链锯内置的安全装置。作为链锯的使用者，您应该采取几个步骤来确保切割时不会发生意外或受伤事件。

这些反作用力中每一种都会引起导致严重人身伤害的链锯失控。不要仅仅依赖链锯内设置的安全装置。作为链锯使用者，应该采取多种步骤来保证锯割作业不发生事故或伤害。

工具的误用和/或不正确的操作程序或条件是导致反弹的原因，并可采取以下给出的预防措施来避免：

*a) **保持稳固的握持，用拇指和其他手指握住链锯手柄，用握持链锯的两只手，定位好你的身体和手臂以便你能承受住反弹力。**如果采取适当的预防措施，反弹力是可以被操作者控制的。不要听任链锯运转。*

*b) **手不要伸得过长且不要在肩部以上进行锯割。**这有助于防止意外的顶部接触，并能更好地在意外情况下控制链锯。*

*c) **仅使用制造商规定的更换导板和链条。**不正确的导板和链条可能会造成断链和/或反弹。*

*d) **遵守制造商关于锯链的刃和维护说明。**减小深度规高度可导致反弹增加。*

应遵循以下预防措施，以最大限度地减少回弹：

*1. **牢牢握住链锯。电机运转时，用双手紧紧握住链锯。用拇指和其他手指紧紧握住链锯的手柄。**沿锯条的下边缘切割时，链锯会向前拉，沿锯条的上边缘切割时，链锯会向后推。*

*2. **请勿过度伸出链锯。***

*3. **时刻注意保持适当的立足点和身体平衡。***

*4. **请勿让导板的前端接触到原木、树枝、地面或其他障碍物。***

*5. **请勿在肩部以上的高度切割。***

6. ***使用低回弹锯链和低回弹导板等装置，以降低回弹产生的风险。***
7. ***仅使用制造商指定的替换导板和锯链或同等产品。***
8. ***请勿让移动的锯链接触到导板顶端的任何物体。***
9. ***确保工作区域没有障碍物，如其他树木、树枝、岩石、栅栏、树桩。***移开或避免锯链在切割特定原木或树枝时可能碰到的任何障碍物。
10. ***确保您的锯链锋利并适当张紧。锯链松动或钝化后，回弹的风险会增加。***在电机停止运动、工具插头拔出的情况下，应定期检查张紧情况；切勿在电机运转的情况下检查。
11. ***锯链全速运转后，方可开始和继续切割。***如果锯链移动的速度较慢，发生回弹的可能性就会较大。
12. ***一次切割一根木头。***
13. ***在重新进入之前切割过的区域时，必须特别小心。***切割前，要将插木齿插入木材，并让锯链全速运转。
14. ***请勿尝试切入式或钻入式切割。***
15. ***请注意使原木移动或其他可能使其切口闭合、夹住或卡住锯链的力。***
16. ***仅推荐可使用且符合相关标准的导板和锯链组合。***
17. ***仅使用推荐的润滑油脂。***

回弹安全功能

⚠ ***警告：***您购买的链锯具有以下降低回弹风险的安全装置；但这些装置并不能完全消除此类风险。用户使用链锯时，不能只依赖安全装置。您必须遵循本手册中的所有安全预防措施、说明和维护建议，从而尽可能规避可能导致严重伤害的回弹和其他反冲力。

- 减少回弹的导板设计有一个小半径的尖端，可减小导板尖端的回弹危险区的尺寸。按照电动链锯的安全要求进行测试的结果显示：减少回弹导板的设计可以大大减少回弹的次数和幅度。
- 低回弹锯链设计有一个深度规和护罩，可以偏转回弹力，让木材逐渐进入锯片。低回弹锯链符合ANSI B175.1-2012回弹性能要求。
- 请勿在树上、梯子上、脚手架上或任何不稳定的平面上操作链锯。
- 如果切割时可能会接触到隐蔽线路时，则应使用绝缘的抓握面握住链锯。切割到“带电”的电线可能会使电动工具的裸露金属部分“带电”，并导致操作人员触电。
- 请勿尝试超出自己能力或经验的操作。彻底阅读并完全理解本手册中的所有说明。
- 启动链锯之前，请确保锯链没有触碰任何东西。
- 请勿单手操作链锯！单手操作可能会对操作者、帮助者或旁观者造成严重伤害。链锯只适合双手使用。
- 保持手柄干燥、清洁，无油或油脂。
- 避免电机或外部通风口上堆积灰尘、碎屑或锯末。
- 放下链锯前先使其停止工作。
- 请勿用于切割藤蔓和/或小型灌木丛。
- 切割小型灌木和树苗时要特别小心，因为细长的材料可能会夹住锯链，并被甩向您或使您失去平衡。

链锯名称和术语

- ***造材***——*将砍下的树木或原木横切成特定长度的过程。*
- ***电机制动器（如配备）***——*松开触发开关后，用于停止锯链的装置。*
- ***链锯机头***——*不带锯链和导板部分的链锯。*
- ***驱动链轮或链轮***——*驱动锯链的齿状部件。*
- ***伐木***——*砍伐树木的过程。*
- ***上[锯]口***——*伐木作业中的最后一刀，在树木的另一侧进行，与切口的朝向相反。*
- ***前手柄***——*位于链锯前端或朝向链锯前端的支撑手柄。*
- ***前护手***——*链锯的前手柄和导板之间的结构屏障，通常位于前手柄上靠近手的位置。*
- ***导板***——*支持和引导锯链的坚实的轨道结构。*
- ***导板鞘/导板罩***——*安装在导板上的外壳，有助于在不使用链锯时防止锯齿接触物体。*
- ***回弹***——*靠近导板顶部区域的锯链接触到任何物体（如原木或树枝）时，或木材在切割过程中合拢并夹住锯链时，导板向后并/或向上运动。*
- ***回弹，夹住***——*当木材靠近并夹住沿导板顶部切割的移动锯链时，修枝锯可能会快速回弹。*
- ***回弹，旋转***——*当移动的锯链在靠近导板顶端的部分接触到物体（如原木或树枝）时，链锯可能会快速向上和向后运动。*
- ***削枝***——*将树枝从倒下的树上削下。*
- ***低回弹链——***符合ANSI B175.1-2012回弹性能要求的锯链（代表性链锯通过测试）。
- ***正常切割位置***——*造材和伐木时的切割位置。*
- ***下[锯]口***——*在树上切割的切口，可以引导树的倾斜方向。*
- ***后手柄***——*位于链锯后端或朝向链锯后端的支撑手柄。*
- ***减少回弹导板***——*一种经过证明，可以显著减少回弹的导板。*
- ***替换锯链***——*用特定链锯锯测试时，符合ANSI B175.1-2012回弹性能要求的锯链。但与其他链锯一起使用时，它可能不符合ANSI的性能要求。*
- ***锯链***——*具有切割齿的链环，用于切割木材，由电机驱动，导板支撑。*
- ***棱纹保险杠***——*伐木或造材时使用的棱纹，锯木时可使修枝锯旋转，位置固定。*
- ***开关***——*按下后能连通或断开链锯电机的电源电路的装置。*
- ***开关连杆***——*将运动从触发器传递到开关的机构。*
- ***开关锁***——*一个可防止意外操作开关的可移动止动器，手动打开开关锁后，方可操作开关。*

剩余风险

尽管遵守了相关的安全法规并采用了安全装备，某些剩余风险仍然是无法避免的。此类风险包括：

- 听力损伤。
- 飞溅颗粒造成的人身伤害风险。
- 使用时配件发热导致的灼伤风险。
- 长时间使用引起的人身伤害风险。

请妥善保管本说明书

电池类型

有关详细信息，请参阅电池/充电器手册。

工具上的标记

工具上印有下列图形：


使用前请阅读使用手册。


佩戴眼睛、耳朵和头部保护装置。


请勿在雨中使用本工具。


请穿戴防护手套。


请穿戴防护鞋。

锯链的旋转方向。


应避免导板尖端接触任何物体，谨防链锯回弹。


关闭工具。在对工具进行任何维护之前，请将电池从工具中取出。

符合2000/14/EC指令的声功率限值


请勿将导板尖端接触任何物体。


始终使用双手操作电锯。


锁定和解锁链条制动器。

日期码位置（图L）

日期码 **28** 由一个4位数的年份和一个2位数的周数组成，后缀2位数的工厂代码。

说明（图A）

⚠ ***警告：****不得改装本电动工具或其任何部件，否则，可能导致损坏或人身伤害。*

1. 扳机开关
2. 锁闭杆
3. 链条制动器/前护手
4. 导板
5. 锯链
6. 链轮盖
7. 电池包†
8. 导板锁紧螺母
9. 锯链张紧螺丝
10. 油位指示器
11. 导板鞘
12. 后手柄
13. 前手柄
14. 电池外壳
15. 电池释放按钮
16. 油壶盖
17. 扳手

†部分型号自带。

注意：检查部件或配件是否在运输过程中损坏。

预期用途

DCMCS565链锯设计用于切割直径达25厘米的树枝或原木。

请勿在潮湿环境中，或在存在易燃液体或气体的环境中使用本工具。

链锯产品属于专业电动工具。

请勿让儿童接触本工具。缺乏经验的使用者需要在监督下使用本工具。

- **儿童和体弱者。**在没有他人监督的情况下，儿童或体弱者不适宜使用本产品。
- 本产品不适合体力、感官或智力不足以及缺乏经验、知识或技能的人员（包括儿童）使用，除非一旁有能为他们的安全负责的监督人员。不得在无人监管的情况下让儿童接触本产品。
- 请勿将工具和电池包存放在温度可能低于4°C（39°F）（如冬季室外棚子或金属建筑），或温度达到或超过40°C（104°F）（如夏季室外棚子或金属建筑）的环境中。

组装与调整

⚠ ***警告：为降低严重的人身伤害风险，在进行任何调整或取出/安装附件或配件之前，请关闭工具并断开电池包连接。****意外启动工具可能会造成伤害。*

⚠ ***警告：****仅使用DEWALT电池和充电器。*

插入或取出工具上的电池包（图B、C）

注意：确保您的电池包 **7** 已经充满电。

将电池包安装到工具中

1. 将电池包 **7** 对准工具内的导轨（图B、C）。
2. 将电池包滑进并牢牢卡入工具内，确保您听到其锁定到位的咔哒声。

从工具中取出电池包

1. 按下电池释放按钮 **15**，将电池包从工具中稳妥地拉出。
2. 按本手册充电器部分所述将电池包插入充电器中。

电池包电量计（图B）

部分DEWALT电池包带有一个包含三个绿色LED指示灯的电量计，用于指示电池包内的剩余电量。

长按电量计按钮 **27**，即可启动电量计。三个绿色LED指示灯将以组合方式亮起，以指示剩余电量。当电池内的电量低于可用限制时，电量计将不会亮起，电池将需要重新充电。

注意：电量计仅指示电池包的剩余电量。其并不表示该工具的功能，且将根据产品组件、温度和最终使用者的使用情况而有所不同。

安装导板和锯链（图A、D-H）

⚠ ***小心：****锯链很锋利。处理锯链时一定要戴上防护手套。锯链很锋利，静止状态下也可能会割伤您。*

⚠ ***警告：****运行中的锯链很锋利。为防止意外发生，操作时，请确保电池已从工具中取出，然后再执行以下操作。否则可能导致严重的人身伤害。*

如果锯链 **5** 和导板 **4** 在纸箱中分开包装，则必须将锯链连接到导板上，并且两者都必须连接到工具的主体上。

1. 将链锯放在平坦、坚固的表面上。
2. 用随附扳手 **17** 逆时针旋转锯条的锁紧螺母 **8**。
3. 拆下链轮盖 **6**。
4. 戴上防护手套，抓住锯链 **5** 并将其缠绕在导板 **4** 上，确保锯齿朝向正确（图F）。
5. 确保锯链正确地安装在整个导板周围的槽中。
6. 将锯链放在链轮 **18** 上。同时将导板上的槽与锯链张紧销 **19**，以及工具侧的螺栓 **20** 对准，如图E。
7. 对准后，保持导板不动，更换链轮盖 **6**。首先安装链轮盖的后部，将其向下旋转，并确保盖上的螺栓孔与主壳体上的螺栓 **20** 对齐。

8. 用扳手17顺时针将导板锁紧螺母8旋到螺栓20上，直至拧紧，然后将螺母松开一圈，使锯链得到适当的张紧。
9. 顺时针旋转链条张紧螺丝9以张紧链条，如图F所示。确保锯链5紧贴导板4。拧紧导板锁紧螺母8，直到紧固。
10. 按照“*调整锯链张紧度*”一节的说明进行操作。

调整锯链张紧度（图A、F–H）

注意：应在每次使用前调整锯链的张紧度。

1. 当链锯仍在坚固的表面上时，检查锯链5的张紧情况。如图G示，用中指和拇指轻轻地将锯链从导板4上拉开1/8" (3 mm)后，锯链就会被拉回，此时的张紧度是适当的，如图G所示，导板和锯链底部之间不应有“下垂”。
2. 如需调整锯链的张紧度，松开导板锁紧螺母8。
3. 用扳手17的平头螺丝刀端旋转位于链轮盖上的锯链张紧螺丝9。
4. 检查锯链的张紧情况，如有需要可进行调整。
5. 请勿过度拉紧锯链，这会导致过度磨损，并会缩短导板和锯链的使用寿命。
6. 对锯链张紧度进行适当调整后，用6英尺磅（8 Nm）的扭矩将导板锁紧螺母8拧紧。
7. 新锯链在使用的前几个小时会有轻微的拉伸。在使用的前两个小时内，经常（在拆下电池包后）检查张紧情况非常重要。

更换锯链（图A、F、I）

⚠ ***小心：****锯链很锋利。处理锯链时一定要戴上防护手套。锯链很锋利，静止状态下也可能会割伤您。*

⚠ ***警告：****运行中的锯链很锋利。为防止意外发生，操作时，请确保电池已从工具中取出，然后再执行以下操作。否则可能导致严重的人身伤害。*

1. 如需卸下锯链5，应将链锯放在平坦、坚固的表面上。
2. 按照“***安装导板和锯链***”一节中的说明，卸下链轮盖6。
3. 用扳手17的平头螺丝刀端旋转锯链张紧螺丝9。逆时针旋转螺丝可使导板4后退，从而松开张紧的锯链并将其拆除。
4. 戴上防护手套，抓住锯链，将磨损的锯链从导板的凹槽中取出。
5. 每次更换锯链时都要把导板翻过来，以确保磨损均匀。
6. 将新锯链放入导板的槽中，通过匹配链轮盖6上锯链的箭头和图形，确保锯齿朝向正确的方向，如图F。
7. 遵循“***安装导板和锯链***”的指示操作。**如需更换锯链和导板，请联系您当地的DEWALT维修中心。**

DCMCS565需要更换链条，维修零件号为NA217515。需更换25CM导板，维修零件号为NA706633。

锯链和导板上油（图A、I）

自动上油系统

本链锯配有自动上油系统，能持续润滑锯链和导板。

1. 油位指示器10显示链锯中的油位。如果油位低于四分之一处，请将电池从链锯上取下，并加注正确类型的油。
2. 切割完毕后，应将油箱放空。
3. 存放本设备前，请务必将油箱放空。

注意：请勿在无油的情况下，操作本链锯。并在油箱耗尽前进行补充。

注意：请始终使用专为实现最佳性能而设计的DEWALT导板和链条油。其他润滑油可能会堵塞或损坏加油器。请使用高品质、可生物降解的导板和锯链油，以确保锯链正常工作，正常润滑。修剪树木时，建议使用植物基导板和锯链油，因为矿物油可能会对活树造成伤害。切勿使用脏污、用过或受污染的油。这可能会导致保工具失效。

注入储油罐

1. 逆时针拧开，然后取下油壶盖16。在油箱中注入推荐的导板和锯链油，直到油位达到油位指示器10的顶部。
2. 重新盖上油壶盖并顺 时针拧紧。
3. 定期关闭链锯并检查油位指示器，以确保导板和锯链的油量充足。

运输链锯（图A、J）

• 运输链锯时，一定要把电池从工具上取下，并用导板鞘11覆盖导板4。

扳手放置（图A、K）

扳手17放置于单元底部的扳手存储槽21中。

1. 使用扳手17时，将其从扳手存储槽位21中拔出即可。
2. 存放扳手17时，先将其推入扳手存储槽位21，螺丝刀的一头先放。

操作

使用说明

⚠ ***警告：****务必遵守安全指示和适用法规。*

⚠ ***警告：为降低严重的人身伤害风险，在进行任何调整或取出/安装附件或配件之前，请关闭工具并断开电池包连接。****意外启动工具可能会造成伤害。*

正确的双手放置位（图L）

⚠ ***警告：****为了降低严重人身伤害的风险，请**务必**如图示那样正确放置双手。*

⚠ ***警告：****为了降低造成严重人身伤害的风险，预期有突然反作用力时**务必**握紧。*

正确的双手放置位要求左手放在前手柄13上，右手放在后手柄12上。

操作链锯（图A、L–N）

⚠ ***警告：****阅读并理解所有说明。未能遵照以下所列说明会引发电击、火灾和/或严重人身伤害。*

• *避免发生回弹，回弹会导致人身严重伤害或死亡。请参阅**电动工具通用安全警告**和**电锯通用安全警告**，以及**回弹的原因和操作员的预防回弹**和**回弹安全功能**，以避免回弹的风险。*

• *请勿过分伸展。请勿在胸部以上的高度切割。确保双脚站立的表面牢固。保持双脚分开。将体重平均分配在两脚上。*

• *用左手握住前手柄13，右手握住后手柄12，使身体处于导板4的左边，用力握紧。*

• *请勿通过链条制动器/前护手3握持链锯。保持左臂肘部锁定，使左臂伸直，以抵御回弹。*

⚠ ***警告：****切勿使用交叉手握的方式（左手握后手柄，右手握前手柄）握持链锯。*

⚠ ***警告：****操作链锯时，切勿让身体的任何部分与导板平行。*

• *请勿在树上、高难度位置，梯子或其他不稳定的表面上作业。您可能会失去对链锯的控制，受到严重伤害。*

• *在整个切割过程中，保持链锯全速运行。*

• *让链锯的锯链为您所用。只施加轻微的压力。在切割结束时请勿对链锯施加压力。*

⚠ ***警告：不使用链锯时，一定要拉上链条制动器并取下电池。***

设置链条制动器(图N)

您的链锯配备了锯链制动系统,在出现回弹时能迅速让锯链停止工作。

1. 从工具中取出电池。
2. 要启动链条制动器,请将链条制动器/前护手 3 向前推,直到其卡入到位。
3. 如图N所示,将链条制动器/前护手 3 朝前手柄 13 方向拉至"设定"位置。
4. 该工具现在可以使用了。

注意:发生回弹时,您的左手将接触到前护板,将其朝着工件向前推。这将使工具停止工作。

测试链条制动器(图A、N)

每次使用前都要测试链条制动器,以确保其操作正常。

1. 将工具放在平坦、坚固的表面上。确保锯链 5 与地面无接触。
2. 双手紧握工具,打开链锯。
3. 将左手绕着前手柄 13 向前旋转,使手背接触到链条制动器/前护手 3,并将其朝着工件向前推。锯链应立即停止工作。

注意:如果链锯没有立即停止工作,请停止使用工具并将其送到您身边的授权维修中心。

⚠ 警告:切割前,请正确设置链条制动器。

通断开关(图M)

双脚始终站稳,用双手紧紧抓住链锯,拇指和手指环绕着两个手柄。

1. 要打开设备,按下锁定杆 2,如图J所示,并按压触发开关 1。设备运转起来后,即可松开锁定杆。
2. 为了保持设备运行,您必须继续按压触发开关。要关闭设备,请松开触发开关。

注意:如果在切割时用力过猛,链锯将被关闭。要重新启动链锯,必须在链锯重新启动前释放触发开关 1。再次开始切割,这次要减少施加的力量。让链锯以自己的速度切割。

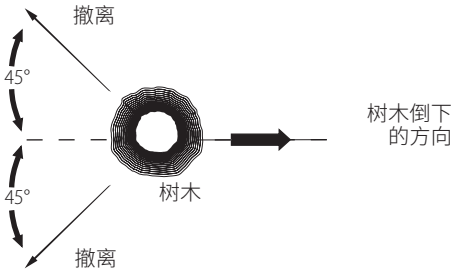
⚠ 警告:切勿试图将开关锁定在开启位置。

常用切割(伐木)技术

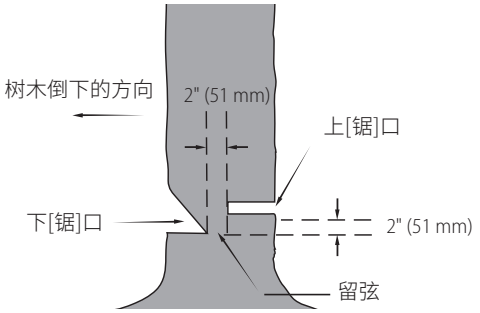
砍伐一棵树的过程。请勿在刮大风时砍树。

⚠ 警告:伐木可能导致人员受伤。只应安排受过训练的人员伐木。

- 开始伐木之前,应根据需要规划并清理出一条撤离路径。撤离路径应向后延伸,并斜向延伸到预期倒伏线的后面,如下图所示。

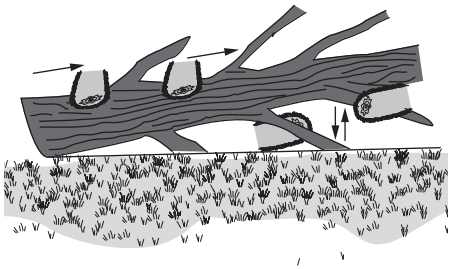


- 开始砍伐之前,应考虑树木的自然倾斜度、较大树枝的位置和风向,以判断树木将从哪个方向倒下。准备好楔子(木头、塑料或铝)和一个重锤。从要砍伐的树上清除泥土、石头、松动的树皮、插木齿、订书针和铁丝。
- **下[锯]口**——切口深度为树木直径的1/3,垂直于倒下的方向。首先切出下部的水平切口。这样有助于避免切割第二道缺口时锯链或导板被夹住,如下图所示。
- **上[锯]口**——上[锯]口至少比下[锯]口的水平切口高2英寸(51毫米)且与之平行。上下锯]口之间要留有足够的木材,称之为留弦。留弦可以防止树木扭曲以及向错误的方向倒下。请勿锯穿留弦部分,如下图所示。
- 切割深度接近铰链时,树木应该开始倒下。如果树木可能不按目标方向倒下,或者可能向后摇晃并压住锯链,请在伐木完成之前停止切割,并使用楔子打开切口,将树木沿目标方向落下。当树木开始倒下时,将电锯从切口处移开,关闭电机,将电锯放下,然后按照计划的撤离路径离开。警惕高空坠落的树枝,注意脚下安全。



削枝

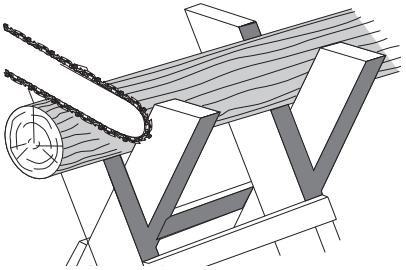
将树枝从倒下的树上削下。削枝时,留下较大的树枝以支撑离地的原木。将较小的枝条一次削掉。对于紧绷的树枝,应从底部树枝向顶部树枝切割,以避免缠住电锯,如下图所示。从对面修剪枝条时,确保树干在您和链锯之间。切勿将链锯夹在两腿之间进行切割,或跨坐在要切割的树枝上。



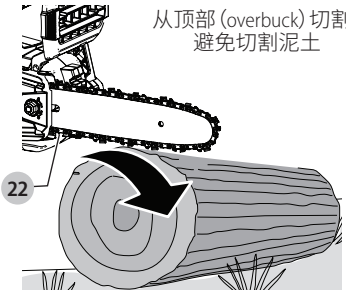
造材

⚠ ***警告：****建议第一次使用链锯的人员先在锯木架上练习切割。*

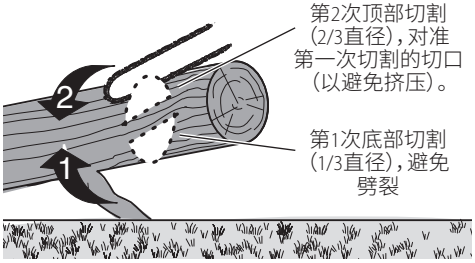
将砍下的树木或原木切割成相应长度。切割方式取决于原木的支撑方式。尽可能使用锯木架，如下图所示。



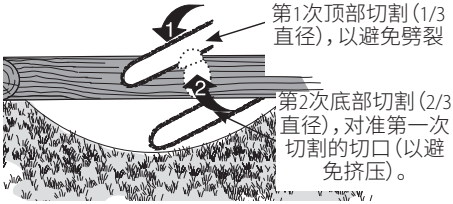
1. 始终在锯链全速运行的情况下开始切割。
2. 如下图所示，将链锯的底部插木齿 **22** 放在最初切割的区域后面。
3. 打开电锯，然后将锯链和导板旋入树中，用插木齿作为铰链。
4. 电锯转到45°角后，再次调平电锯，重复这个步骤，直到完全切开。
5. 当树木整体被撑起时，从顶部（overbuck）进行切割，但要避免切割泥土，因为这将使你的链锯迅速变钝。



• 当一端有支撑时，从底部（underbuck）切割1/3直径的深度。然后，如下图所示，从顶部完成切割，对准第一次切割的切口。



• 当两端都有支撑时。首先，从顶部向下切割1/3直径的深度。然后，如下图所示，从底部切割2/3直径的深度，对准第一次切割的切口，完成切割。



• 在斜坡上切割时，永远站在原木的上坡一侧。“切开”后，为了保持完全控制，在接近切口的时候应减少施加的压力，但请勿减少抓握链锯手柄的力度。请勿让锯链接触地面。完成切割后，等待锯链停止，然后再移动链锯。在从一个切口移动到另一个切口时，一定要让电机工作。

维护

DEWALT 电动工具设计精良，可以长时间使用，而且只需极少的维护。要连续获得令人满意的工作效果，需要进行适当的工具维护和定期清洁。

⚠ ***警告：为降低严重的人身伤害风险，在进行任何调整或取出/安装附件或配件之前，请关闭工具并断开电池包连接。****意外启动工具可能会造成伤害。*

充电器和电池包无法维修。

请参阅本手册后页的维修中心联系方式，或访问 **www.2helpU.com.**

锯链和导板

每使用几个小时后，取下链轮盖、导板和锯链，用软毛刷彻底清洁。确保导板上的注油孔内没有杂物。用锋利的链条更换钝链条时，最好将链条导板从下往上翻转。

为了获得最佳性能，请将锯链送往授权DEWALT维修中心进行打磨和维护。

链轮和链轮盖（图A、F、I）

⚠ ***小心：****锯链很锋利。处理锯链时一定要戴上防护手套。锯链很锋利，静止状态下也可能会割伤您。*

⚠ ***警告：****运行中的锯链很锋利。为防止意外操作，在进行以下操作前，请确保电池从工具中取出。否则可能导致严重的人身伤害。*

1. 将链锯放在平坦、坚固的表面上。
2. 按照***安装导板和锯链***一节中的说明，卸下链轮盖 **6**。
3. 戴上防护手套，用干净的软毛刷擦去链轮盖 **6** 内和锯链 **5** 或链轮 **18** 周围可能积聚的任何锯屑、树枝、藤蔓或其他碎屑。
4. 用扳手 **17** 的平头螺丝刀端旋转锯链张紧螺丝 **9**。逆时针旋转螺丝可使导板4后退，从而松开张紧的锯链并将其拆除。
5. 戴上防护手套，抓住锯链和导板并将其从工具上提起。
6. 戴上防护手套，用干净的软毛刷擦去可能积聚在导板 **4** 和锯链 **5** 周围的任何锯屑或其他碎屑。
7. 按照***安装导板和锯链、更换锯链***的说明安装链条、导板和链轮盖 **6**，并按照***调整链条张紧度***一节的说明在使用前适当调整链条张紧度。

锯链打磨（图O–Q）

⚠ ***小心：****锯链很锋利。处理锯链时一定要戴上防护手套。锯链很锋利，静止状态下也可能会割伤您。*

⚠ **警告：***运行中的锯链很锋利。为防止意外操作，在进行以下操作前，请确保电池已从工具中取出。否则可能导致严重的人身伤害。*

⚠ **警告：***请勿过度锉磨链条间齿* **24**，*否则会增加回弹风险。如果链条* **5** *打磨超过四次，请更换链条。*

锯链 **5** 每研磨一次，减少回弹的特性就会少一些，应特别小心。

建议锯链的研磨次数不超过四次。

注意：如果在切割时接触到地面、泥土或钉子，切割锯片 **25** 会立即变钝。

为了使您的工具发挥最佳性能，确保切割锯片 **25** 锋利是非常重要的。请遵循这些提示正确打磨锯链：

1. 为了达到最佳效果，请使用5/16" (4 mm) 的锉刀和锉刀架或锉刀导轨来打磨锯链。这样能确保磨削角度始终正确。
2. 将锉刀架平放在切割锯片 **25** 的顶板 **23** 和深度规上。
3. 如图L所示，保持锉刀导轨 **26** 上正确的顶板 **23** 锉角30°线与链条平行（从侧面看锉刀与链条成60°）。
4. 先打磨链条 **5** 一侧的切割锯片 **25**。从每个切割锯片的内侧向外侧锉。然后将锯子转过来，对链条另一侧的锯片重复上述过程（2、3、4）。

注意：如图M所示，用平锉锉平间齿 **27**（锯片 **25** 前面的链节部分）的顶部。使其低于锯片尖端约0.025英寸（0.635毫米）。

5. 如图Q所示，保持所有锯片长度相等。
6. 如果顶板 **23** 或侧板 **28** 的镀铬表面有损坏，则应锉回，直到损坏去除为止。

⚠ **小心：***锉磨后，锯片将变得锋利，因此在此过程中要格外小心。*

润滑

本电动工具无需另行润滑

清洁

⚠ **警告：***电击和机械危险。清洁前，请将电器与电源断开。*

⚠ **警告：***为确保操作安全、有效，请注意清洁电器和通风槽。*

⚠ **警告：***不得使用溶剂或其他刺激性化学制品来清洁工具的非金属部件。这些化学物质可能会削弱这些部位使用的材料。请用布蘸温和的肥皂水擦拭。不得让任何液体渗入工具，不得让工具的任何部件浸在液体中。*

通风槽可以用干燥、柔软的非金属刷和/或合适的除尘器进行清洁。请勿使用水或任何清洁剂。请戴上合格的护目镜和防尘面具。

可选配件

⚠ *警告：除了DEWALT提供的附件之外，其他附件都未经此产品兼容性测试，若将此类附件与本工具一起使用将存在安全隐患。为降低人身伤害风险，本产品只可使用DEWALT推荐的配件。*

请向您的经销商咨询更多关于合适配件的信息。

环境保护

分类回收。由此符号标记的产品和电池包不得与普通家庭垃圾一起处理。

产品和电池包含可恢复或回收的材料，从而降低对原材料的需求。请根据当地规定回收电子产品和电池包。如要获得更多信息，请参看**www.2helpU.com**。

充电式电池包

本电池包使用寿命长，不能提供顺利完成工作所需的电力时，必须进行充电。电池包技术寿命结束时，请妥善处理以保护环境：

- 耗尽电池包的电量，然后将其从工具上拆下。
- 锂离子电池可回收。请将其送至您的经销商处或当地的回收站。回收的电池包将被循环使用或妥善处理。

售后服务和维修

DEWALT维修中心拥有经过培训的人员，能够为顾客提供高效、可靠的产品服务。如果您通过未获授权的维修中心进行维修，我们不会承担任何责任。您可以参见产品包装中的“联系中心定位器”宣传单页，通过热线电话、网站或社交媒体联系我们，找到距离您最近的DEWALT维修中心。

制　造　商： 百得德国公司

地　　址： Black & Decker Str. 40 65510 Idstein, 德国

产　　地： 江苏苏州

DCMCS565故障排除

问题	解决方法
设备无法启动	• 检查电池安装。 • 检查电池充电要求。 • 在按动主触发开关之前，检查锁定装置是否完全按下。 • 检查链条制动器是否啮合。
设备在使用中关闭。	• 给电池充电。 • 操作设备用力过大。重新启动并减少压力。
电池无法充电。	• 将电池插入充电器，直到红色充电指示灯亮起。如果电池电量已耗尽，可最多充电8小时。 • 将充电器插入电源插座。 • 插入不同的电器检查插座的电流。 • 检查插座是否连接到熄灯时会关闭电源的电灯开关。 • 将充电器和设备移至周围空气温度高于4.5℃且低于40.5℃的环境。
导板/链条过热。	• 请参阅***调整链条张紧度***一节。 • 请参阅***锯链和导板上油***一节。
链条松动。	• 请参阅***调整链条张紧度***一节。
切割质量差。	• 请参阅调***整链条张紧度***一节。**注意：**过度张紧会导致过度磨损，并缩短导板和链条的使用寿命。每次切割前进行润滑。请参阅***更换锯链***一节。 • 切链器可能会变钝。请参阅***锯链打磨***一节。
设备运转但不切割	• 链条可能装反了。请参阅链条安装与拆卸部分。 • 切链器可能会变钝。请参阅***锯链打磨***一节。
设备不注油。	• 重新注油。 • 清洁导板、链轮和链轮盖。请参阅***维护***一节。