If you have questions or comments, contact us.
Pour toute question ou tout commentaire, nous contacter.
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INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. **ADVERTENCIA:** LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

INSTRUCTION MANUAL
GUIDE D'UTILISATION
MANUAL DE INSTRUCCIONES

DEWALT®

DCS380, DCS381 20V Max* Cordless Reciprocating Saws

Scies alternatives sans fil DCS380, DCS381 de 20 V max*

Sierras alternativas inalámbricas de 20 V Máx* DCS380, DCS381

DEWALT Industrial Tool Co., 701 East Joppa Road, Baltimore, MD 21286
(NOV12) Part No. N236140 DCS380, DCS381

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****.*

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US TOLL FREE AT: **1-800-4-DEWALT (1-800-433-9258)**.

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

General Power Tool Safety Warnings

WARNING! Read all safety warnings and all instructions. *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

a) ***Keep work area clean and well lit.*** *Cluttered or dark areas invite accidents.*
b) ***Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.*** *Power tools create sparks which may ignite the dust or fumes.*
c) ***Keep children and bystanders away while operating a power tool.*** *Distractions can cause you to lose control.*

2) ELECTRICAL SAFETY

a) ***Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.*** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
b) ***Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.*** *There is an increased risk of electric shock if your body is earthed or grounded.*
c) ***Do not expose power tools to rain or wet conditions.*** *Water entering a power tool will increase the risk of electric shock.*
d) ***Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.*** *Damaged or entangled cords increase the risk of electric shock.*
e) ***When operating a power tool outdoors, use an extension cord suitable for outdoor use.*** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
f) ***If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.*** *Use of a GFCI reduces the risk of electric shock.*

3) PERSONAL SAFETY

a) ***Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.*** *A moment of inattention while operating power tools may result in serious personal injury.*
b) ***Use personal protective equipment. Always wear eye protection.*** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
c) ***Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.*** *Carrying power tools with your finger on the switch or energizing 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 jewelry. Keep your hair, clothing and gloves away from moving parts.*** *Loose clothes, jewelry or long hair can be caught in moving parts.*
g) ***If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.*** *Use of dust collection can reduce dust-related hazards.*

4) POWER TOOL USE AND CARE

a) ***Do not force the power tool. Use the correct power tool for your application.*** *The correct power tool will do the job better and safer at the rate for which it was designed.*
b) ***Do not use the power tool if the switch does not turn it on and off.*** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
c) ***Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.*** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
d) ***Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.*** *Power tools are dangerous in the hands of untrained users.*
e) ***Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.*** *Many accidents are caused by poorly maintained power tools.*
f) ***Keep cutting tools sharp and clean.*** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
g) ***Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.*** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

5) 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.*

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.*

Additional Specific Safety Rules for Reciprocating Saws

- ***Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.*** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- ***Use clamps or another practical way to secure and support the workpiece to a stable platform.*** *Holding the work by hand or against your body leaves it unstable and may lead to loss of control.*
- ***Hold saw firmly with both hands for all cutting operations.*** *During cutting operations, the blade may suddenly bind in the work and may cause the saw to kickback towards the operator.*
- ***Keep hands away from moving parts.*** *Never place your hands near the cutting area.*
- ***Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view.*** *Anticipate the path of falling branches and debris ahead of time.*
- ***Do not operate this tool for long periods of time.*** *Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.*

⚠ ***WARNING: ALWAYS*** *use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:*

- *ANSI Z87.1 eye protection (CAN/CSA Z94.3),*
- *ANSI S12.6 (S3.19) hearing protection,*
- *NIOSH/OSHA/MSHA respiratory protection.*

⚠ ***WARNING:*** *Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:*

- *lead from lead-based paints,*
- *crystalline silica from bricks and cement and other masonry products, and*
- *arsenic and chromium from chemically-treated lumber.*

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- ***Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.*** *Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.*

⚠ ***WARNING:*** *Use of this tool can generate and/or disperse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.*

⚠ ***WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use.*** *Under some conditions and duration of use, noise from this product may contribute to hearing loss.*

⚠ ***CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard.*** *Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.*

- *The label on your tool may include the following symbols. The symbols and their definitions are as follows:*

V.....volts	A.....amperes
Hz.....hertz	W.....watts
min .....minutes	∼ or AC.....alternating current
⎓ or DC.....direct current	≂ or AC/DC.....alternating or direct current
⏚.....Class I Construction (grounded)	n_o.....no load speed
	n.....rated speed
⧈.....Class II Construction (double insulated)	⏚ .....earthing terminal
	⚠.....safety alert symbol
…/min .....per minute	BPM.....beats per minute
IPM.....impacts per minute	RPM.....revolutions per minute
SPM .....strokes per minute	sfpm.....surface feet per minute

Important Safety Instructions for All Battery Packs

When ordering replacement battery packs, be sure to include the catalog number and voltage. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- ***Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.*** *Inserting or removing the battery pack from the charger may ignite the dust or fumes.*
- ***NEVER force the battery pack into the charger. Do not modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.*** *Consult the chart at the end of this manual for compatibility of batteries and chargers.*
- *Charge the battery packs only in designated DEWALT chargers.*
- ***DO NOT*** *splash or immerse in water or other liquids.*
- ***Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105 °F (40 °C) (such as outside sheds or metal buildings in summer).*** *For best life store battery packs in a cool, dry location.*
  NOTE: Do not store the battery packs in a tool with the trigger switch locked on. Never tape the trigger switch in the ON position.

⚠ ***WARNING:*** *Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.*

⚠ ***WARNING: Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals.*** *For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.* ***Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.*** *The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (e.g., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.*

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM ION (Li-Ion)

- ***Do not incinerate the battery pack even if it is severely damaged or is completely worn out.*** *The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.*
- ***If battery contents come into contact with the skin, immediately wash area with mild soap and water.*** *If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.*
- ***Contents of opened battery cells may cause respiratory irritation.*** *Provide fresh air. If symptoms persist, seek medical attention.*

⚠ ***WARNING:*** *Burn hazard. Battery liquid may be flammable if exposed to spark or flame.*

The RBRC™ Seal

The RBRC™ (Rechargeable Battery Recycling Corporation) Seal on the nickel cadmium, nickel metal hydride or lithium ion batteries (or battery packs) indicate that the costs to recycle these batteries (or battery packs) at the end of their useful life have already been paid by DEWALT. In some areas, it is illegal to place spent nickel cadmium, nickel metal hydride or lithium ion batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.

RBRC™, in cooperation with DEWALT and other battery users, has established programs in the United States and Canada to facilitate the collection of spent nickel cadmium, nickel metal hydride or lithium ion batteries. Help protect our environment and conserve natural resources by returning the spent nickel cadmium, nickel metal hydride or lithium ion batteries to an authorized DEWALT service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery.

RBRC™ is a registered trademark of the *Rechargeable Battery Recycling Corporation.*

Important Safety Instructions for All Battery Chargers

SAVE THESE INSTRUCTIONS: *This manual contains important safety and operating instructions for battery chargers.*

- *Before using the charger, read all instructions and cautionary markings on the charger, battery pack and product using the battery pack.*

⚠ ***WARNING:*** *Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.*

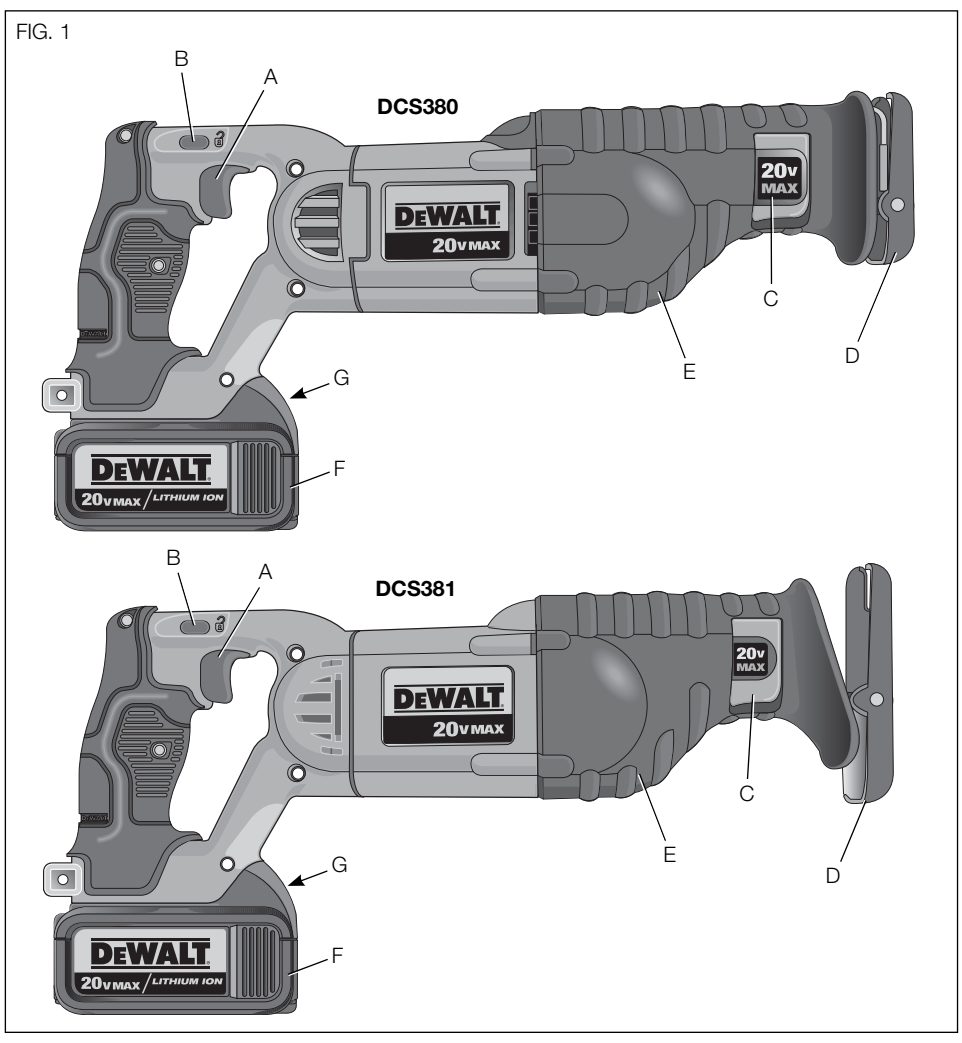
⚠ ***CAUTION:*** *Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.*

NOTICE: *Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.*

- ***DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.*** *The charger and battery pack are specifically designed to work together.*
- ***These chargers are not intended for any uses other than charging DEWALT rechargeable batteries.*** *Any other uses may result in risk of fire, electric shock or electrocution.*
- ***Do not expose the charger to rain or snow.***
- ***Pull by the plug rather than the cord when disconnecting the charger.*** *This will reduce the risk of damage to the electric plug and cord.*
- ***Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.***
- ***Do not use an extension cord unless it is absolutely necessary.*** *Use of improper extension cord could result in risk of fire, electric shock or electrocution.*
- ***When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.*** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- ***An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.*** *The smaller the gauge number of the wire, the greater the capacity of the cable, that is, 16 gauge has more capacity than 18 gauge. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The lower the gauge number, the heavier the cord.*

Minimum Gauge for Cord Sets						
Ampere Rating		Volts	Total Length of Cord in Feet (meters)			
		120V	25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
		240V	50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
More Than	Not More Than	AWG				
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

FIG. 1



- ***Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.*** *Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.*
- ***Do not operate the charger with a damaged cord or plug.***
- ***Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way.*** *Take it to an authorized service center.*
- ***Do not disassemble the charger; take it to an authorized service center when service or repair is required.*** *Incorrect reassembly may result in a risk of electric shock, electrocution or fire.*
- ***Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock.*** *Removing the battery pack will not reduce this risk.*
- ***NEVER*** *attempt to connect 2 chargers together.*
- ***The charger is designed to operate on standard 120V household electrical power. Do not attempt to use it on any other voltage.*** *This does not apply to the vehicular charger.*

Chargers

Your tool uses a DEWALT charger. Be sure to read all safety instructions before using your charger. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

Charging Procedure (Fig. 2)

1. Plug the charger into an appropriate outlet before inserting the battery pack.
2. Insert the battery pack (F) into the charger, as shown in Figure 2, making sure the pack is fully seated in charger. The red (charging) light will blink continuously, indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The pack is fully charged and may be used at this time or left in the charger.

Indicator Light Operation

PACK CHARGING — — — — — — —

PACK CHARGED ——————————

HOT/COLD DELAY —• —• —• —• —•

PROBLEM PACK OR CHARGER •••••••••••

PROBLEM POWERLINE •• •• •• •• ••

Charge Indicators

This charger is designed to detect certain problems that can arise. Problems are indicated by the red light flashing at a fast rate. If this occurs, re-insert the battery pack into the charger. If the problem persists, try a different battery pack to determine if the charger is working properly. If the new pack charges correctly, then the original pack is defective and should be returned to a service center or other collection site for recycling. If the new battery pack elicits the same trouble indication as the original, have the charger and the battery pack tested at an authorized service center.

HOT/COLD DELAY

This charger has a hot/cold delay feature: when the charger detects a battery that is hot, it automatically starts a delay, suspending charging until the battery has cooled. After the battery has cooled, the charger automatically switches to the pack charging mode. This feature ensures maximum battery life. The red light flashes long, then short while in the hot/cold delay mode.

LEAVING THE BATTERY PACK IN THE CHARGER

The charger and battery pack can be left connected with the charge indicator showing Pack Charged.

WEAK BATTERY PACKS: Weak batteries will continue to function but should not be expected to perform as much work.

FAULTY BATTERY PACKS: This charger will not charge a faulty battery pack. The charger will indicate faulty battery pack by refusing to light or by displaying problem pack or charger.

NOTE: This could also mean a problem with a charger.

PROBLEM POWER LINE

Some chargers have a problem powerline indicator. When the charger is used with some portable power sources such as generators or sources that convert DC to AC, the charger may temporarily suspend operation, flashing the red light with two fast blinks followed by a pause. This indicates the power source is out of limits.

Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65 °F and 75 °F (18 °–24 °C). DO NOT charge the battery pack in an air temperature below +40 °F (+4.5 °C), or above +105 °F (+40.5 °C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to the touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed or an uninsulated trailer.
3. A cold battery pack will charge at about half the rate of a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.
4. If the battery pack does not charge properly:
   a. Check operation of receptacle by plugging in a lamp or other appliance;
   b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights;
   c. Move the charger and battery pack to a location where the surrounding air temperature is approximately 65 °F–75 °F (18 °–24 °C);
   d. If charging problems persist, take the tool, battery pack and charger to your local service center.
5. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
6. Foreign materials of a conductive nature such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.
7. Do not freeze or immerse the charger in water or any other liquid.

⚠***WARNING:*** *Shock hazard. Don't allow any liquid to get inside the charger. Electric shock may result.*

⚠***WARNING:*** *Burn hazard. Do not submerge the battery pack in any liquid or allow any liquid to enter the battery pack. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.*

Storage Recommendations

1. The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.
2. For long storage, it is recommended to store a fully charged battery pack in a cool dry place out of the charger for optimal results.

NOTE: Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

COMPONENTS (Fig. 1)

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

A. Trigger switch
B. Lock-off button
C. Blade clamp release lever
D. Shoe
E. Hand grip
F. Battery pack
G. Battery release button

Variable Speed Trigger Switch (Fig. 1, 3)

LOCK-OFF BUTTON AND TRIGGER SWITCH

Your saw is equipped with a lock-off button (B).

To lock the trigger switch, press the lock-off button as shown in Figure 3. Always lock the trigger switch (A) when carrying or storing the tool to eliminate unintentional starting. The lock-off button is colored **red** to indicate when the switch is in its **unlocked** position.

To unlock the trigger switch, press the lock-off button as shown in Figure 3. Pull the trigger switch to turn the motor ON. Releasing the trigger switch turns the motor OFF.

FIG. 2

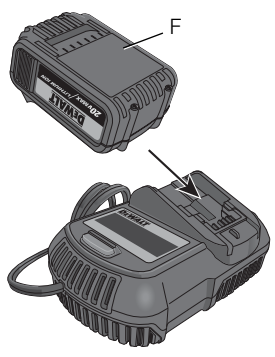


FIG. 3

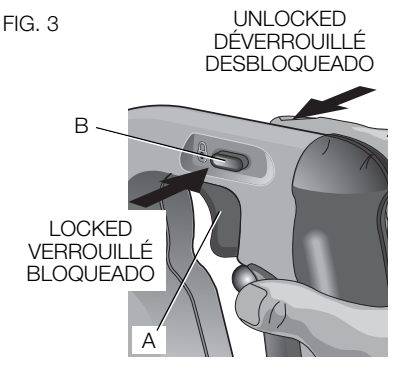


FIG. 4

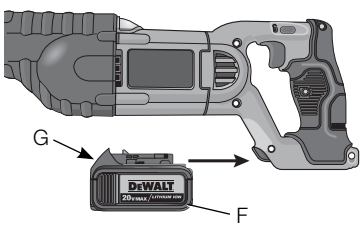


FIG. 4A

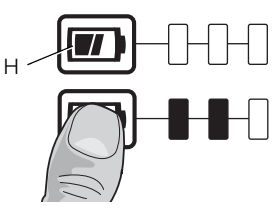


FIG. 5

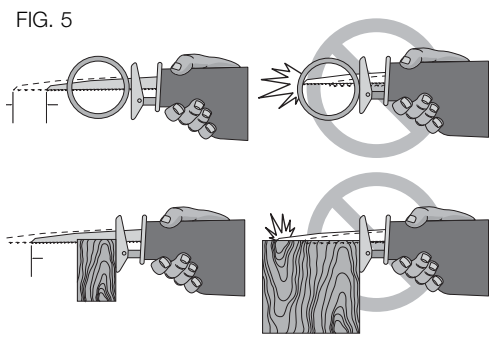


FIG. 6

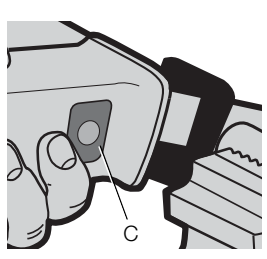
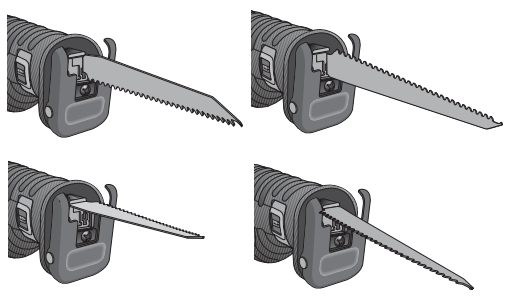


FIG. 7

DCS380



DCS381

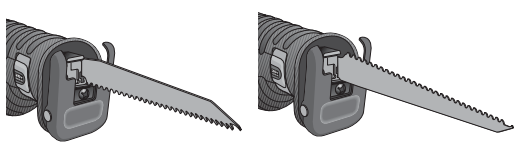


FIG. 8

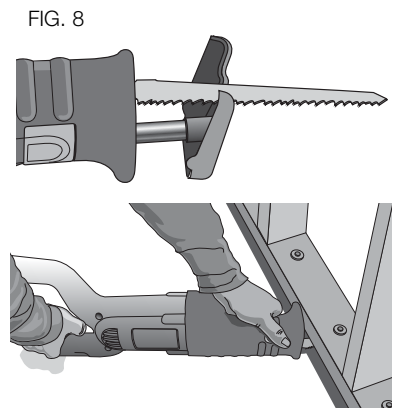


FIG. 9

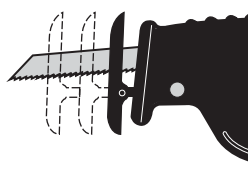


FIG. 10

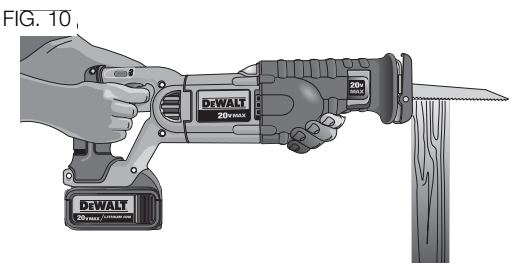


FIG. 11

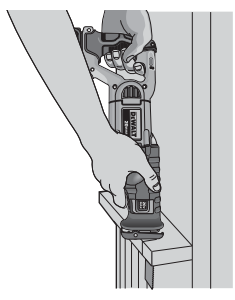


FIG. 12

1. STARTING POSITION FOR POCKET CUTTING
2. ROCK TOOL UP TO NORMAL CUTTING POSITION AFTER BLADE HAS CUT THROUGH MATERIAL.

1. POSITION DE DÉPART POUR COUPE INTERNE
2. PIVOTER L'OUTIL EN POSITION NORMALE DE COUPE UNE FOIS QUE LA LAME A TRAVERSÉ LE MATÉRIAU.

1. POSICIÓN INICIAL PARA CORTES CENTRALES
2. BALANCEE LA HERRAMIENTA HACIA ARRIBA HASTA ALCANZAR LA POSICIÓN NORMAL DE CORTE LUEGO DE QUE LA HOJA ATRAVIESE EL MATERIAL.

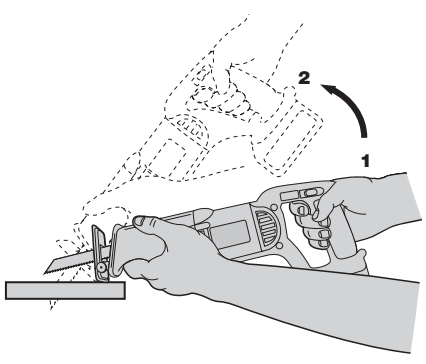
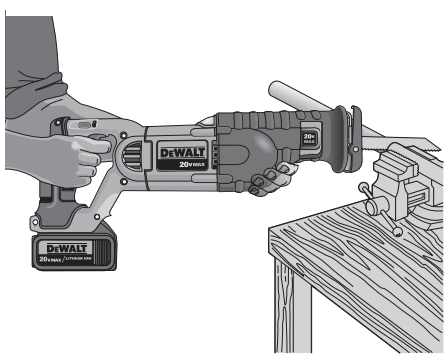


FIG. 13



⚠***WARNING:*** *This tool has no provision to lock the switch in the ON position, and should never be locked ON by any other means.*

The variable speed trigger switch will give you added versatility. The further the trigger is depressed the higher the speed of the saw.

⚠***CAUTION:*** *Use of very slow speed is recommended only for beginning a cut. Prolonged use at very slow speed may damage your saw.*

OPERATION

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

Installing and Removing the Battery Pack (Fig. 4)

⚠***WARNING:*** *To reduce the risk of injury, never depress the battery release button without removing the battery pack. Depressing the battery release button without removing the battery pack can result in the battery pack falling out unexpectedly.*

NOTE: For best results, make sure your battery pack is fully charged.

To install the battery pack (F) into the tool handle, align the battery pack with the rails inside the tool's handle and slide it into the handle until the battery pack is firmly seated in the tool and ensure that it does not disengage.

To remove the battery pack from the tool, press the release button (G) and firmly pull the battery pack out of the tool handle. Insert it into the charger as described in the charger section of this manual.

FUEL GAUGE BATTERY PACKS (FIG. 4A)

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 (H). 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.

For more information regarding fuel gauge battery packs, please call 1-800-4-DEWALT (1-800-433-9258) or visit our website www.dewalt.com.

Blade Installation and Removal (Fig. 5–7, 11)

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

Different blade lengths are available. Use the appropriate blade for the application. The blade should be longer than 3-1/2" (89 mm) and should extend past the shoe and the thickness of the workpiece during the cut. Do not use jigsaw blades with this tool.

⚠***WARNING:*** *Cut hazard. Blade breakage may occur if the blade does not extend past the shoe and the workpiece during the cut (Fig. 5). Increased risk of personal injury, as well as damage to the shoe and workpiece may result.*

TO INSTALL BLADE INTO SAW

1. Pull blade clamp release lever (C) up (Fig. 6).
2. Insert blade shank from the front.
3. Push blade clamp release lever down.

NOTE: The blade can be installed in the **DCS380** in four positions as shown in Figure 7. The blade can be installed in the **DCS381** in two positions as shown in Figure 7. Both units allow the blade to be installed upside-down to assist in flush-to cutting; see Figure 11.

TO REMOVE BLADE FROM SAW

⚠***CAUTION:*** *Burn hazard. Do not touch the the blade immediately after use. Contact with the blade may result in personal injury.*

1. Open up blade clamp release lever.
2. Remove blade.

Cutting with Blade in Horizontal Position (DCS380 only) (Fig. 8)

Your DCS380 is equipped with a horizontal blade clamp. Installing a blade in the horizontal orientation allows cutting close to floors, walls or ceilings where limited clearance is available. Ensure that the shoe is pressed against the framing to avoid kickback.

Adjustable Shoe (DCS380 only) (Fig. 1, 9)

⚠***CAUTION:*** *Cut hazard. To prevent loss of control, never use tool without shoe.*

Your DCS380 comes with an adjustable shoe. The shoe will adjust to limit the depth of cut. Hold the saw with the underside facing up. Push the button on the hand grip and slide the shoe out to one of the three settings and release the button.

The DCS381 comes with a fixed shoe that is not adjustable.

Cutting (Fig. 10–13)

⚠***WARNING: Always use eye protection.*** *All users and bystanders must wear eye protection that conforms to ANSI Z87.1.*

⚠***WARNING:*** *Exercise extra caution when cutting towards operator. Always hold saw firmly with both hands while cutting.*

Before cutting any type of material, be sure it is firmly anchored or clamped to prevent slipping. Place blade lightly against work to be cut, switch on saw motor and allow it to obtain maximum speed before applying pressure. Whenever possible, the saw shoe must be held firmly against the material being cut (Fig. 10). This will prevent the saw from jumping or vibrating and minimize blade breakage. Any cuts which put pressure on the blade such as angle or scroll cuts increase potential for vibration, kickback, and blade breakage.

⚠***WARNING:*** *Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view. Anticipate the path of falling branches and debris ahead of time.*

⚠***WARNING:*** *Inspect work site for hidden gas pipes, water pipes, or electrical wires before making blind or plunge cuts. Failure to do so may result in explosion, property damage, electric shock, and/or serious personal injury.*

FLUSH-TO CUTTING (FIG. 11)

The compact design of the saw motor housing and spindle housing permits extremely close cutting to floors, corners and other difficult areas.

POCKET/PLUNGE CUTTING – WOOD ONLY (FIG. 12)

The initial step in pocket cutting is to measure the surface area to be cut and mark clearly with a pencil, chalk or scriber. Use the appropriate blade for the application. The blade should be longer than 3-1/2" (89 mm) and should extend past the shoe and the thickness of the workpiece during the cut. Insert blade in blade clamp.

Next, tip the saw backward until the back edge of the shoe is resting on the work surface and the blade clears the work surface (position 1, Fig. 12). Now switch motor on, and allow saw to come up to speed. Grip saw firmly with both hands and begin a slow, deliberate upward swing with the handle of the saw, keeping the bottom of the shoe firmly in contact with the workpiece (position 2, Fig. 12). Blade will begin to feed into material. Always be sure blade is completely through material before continuing with pocket cut.

NOTE: In areas where blade visibility is limited, use the edge of the saw shoe as a guide. Lines for any given cut should be extended beyond edge of cut to be made.

METAL CUTTING (FIG. 13)

Your saw has different metal cutting capacities depending upon type of blade used and the metal to be cut. Use a finer blade for ferrous metals and a coarse blade for non-ferrous materials. In thin gauge sheet metals it is best to clamp wood to both sides of sheet. This will insure a clean cut without excess vibration or tearing of metal. Always remember not to force cutting blade as this reduces blade life and causes costly blade breakage.

NOTE: It is generally recommended that when cutting metals you should spread a thin film of oil or other lubricant along the line ahead of the saw cut for easier operation and longer blade life.

MAINTENANCE

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

Cleaning

⚠***WARNING:*** *Blow dirt and dust out of all air vents with clean, dry air at least once a week. To minimize the risk of eye injury, always wear ANSI Z87.1 approved eye protection when performing this.*

⚠***WARNING:*** *Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic 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.*

CHARGER CLEANING INSTRUCTIONS

⚠***WARNING:*** *Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.*

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.*

Recommended accessories for use with your tool are available at extra cost from your local service center. If you need any assistance in locating any accessory, please contact DEWALT Industrial Tool Co., 701 East Joppa Road, Baltimore, MD 21286, call 1-800-4-DEWALT (1-800-433-9258) or visit our website www.dewalt.com.

Repairs

The charger and battery pack are not serviceable. There are no serviceable parts inside the charger or battery pack.

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustments (including brush inspection and replacement) should be performed by a DEWALT factory service center, a DEWALT authorized service center or other qualified service personnel. Always use identical replacement parts.

Register Online

Thank you for your purchase. Register your product now for:

- **WARRANTY SERVICE:** Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.
- **CONFIRMATION OF OWNERSHIP:** In case of an insurance loss, such as fire, flood or theft, your registration of ownership will serve as your proof of purchase.
- **FOR YOUR SAFETY:** Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

Register online at www.dewalt.com/register.

Three Year Limited Warranty

DEWALT will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www.dewalt.com or call 1-800-4-DEWALT (1-800-433-9258). This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

In addition to the warranty, DEWALT tools are covered by our:

1 YEAR FREE SERVICE

DEWALT will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.

2 YEARS FREE SERVICE ON DEWALT BATTERY PACKS

DC9071, DC9091, DC9096, DC9280, DC9360, DC9180, DCB120, DCB201 and DCB203

3 YEARS FREE SERVICE ON DEWALT BATTERY PACKS

DCB200, DCB204

DEWALT BATTERY PACKS

Product warranty voided if the battery pack is tampered with in any way. DEWALT is not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

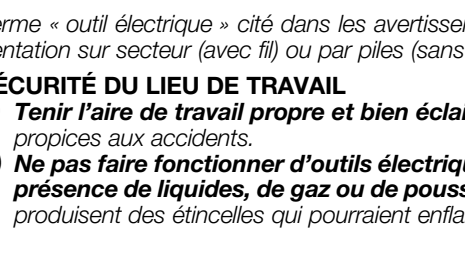
90 DAY MONEY BACK GUARANTEE

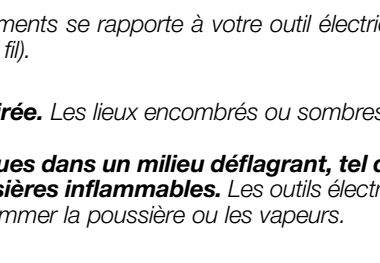
If you are not completely satisfied with the performance of your DEWALT Power Tool, Laser, or Nailer for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see country specific warranty information contained in the packaging, call the local company or see website for warranty information.

FREE WARNING LABEL REPLACEMENT:

If your warning labels become illegible or are missing, call 1-800-4-DEWALT (1-800-433-9258) for a free replacement.





Définitions : lignes directrices en matière de sécurité

Les définitions ci-dessous décrivent le niveau de danger pour chaque mot-indicateur employé. Lire le mode d'emploi et porter une attention particulière à ces symboles.

⚠***DANGER :*** *indique une situation dangereuse imminente qui, si elle n'est pas évitée,* ***entraînera*** *la* ***mort ou des blessures graves****.*

⚠***AVERTISSEMENT :*** *indique une situation potentiellement dangereuse qui, si elle n'est pas évitée,* ***pourrait*** *entraîner la* ***mort ou des blessures graves****.*

⚠***ATTENTION :*** *indique une situation potentiellement dangereuse qui, si elle n'est pas évitée,* ***pourrait*** *entraîner des* ***blessures légères ou modérées****.*

AVIS : *indique une pratique ne posant* ***aucun risque de dommages corporels*** *mais qui par contre, si rien n'est fait pour l'éviter,* ***pourrait*** *poser des* ***risques de dommages matériels****.*

POUR TOUTE QUESTION OU REMARQUE AU SUJET DE CET OUTIL OU DE TOUT AUTRE OUTIL DEWALT, COMPOSEZ LE NUMÉRO SANS FRAIS : **1 800 433-9258 (1 800 4-DEWALT)**.

AVERTISSEMENT : *afin de réduire le risque de blessures, lire le mode d'emploi de l'outil.*

Avertissements de sécurité généraux pour les outils électriques

AVERTISSEMENT ! Lire tous les avertissements de sécurité et toutes les directives. *Le non-respect des avertissements et des directives pourrait se solder par un choc électrique, un incendie et/ou une blessure grave.*

CONSERVER TOUS LES AVERTISSEMENTS ET TOUTES LES DIRECTIVES POUR UN USAGE ULTÉRIEUR

Le terme « outil électrique » cité dans les avertissements se rapporte à votre outil électrique à alimentation sur secteur (avec fil) ou par piles (sans fil).

1) SÉCURITÉ DU LIEU DE TRAVAIL

a) ***Tenir l'aire de travail propre et bien éclairée.*** *Les lieux encombrés ou sombres sont propices aux accidents.*

b) ***Ne pas faire fonctionner d'outils électriques dans un milieu déflagrant, tel qu'en présence de liquides, de gaz ou de poussières inflammables.*** *Les outils électriques produisent des étincelles qui pourraient enflammer la poussière ou les vapeurs.*

c) ***Éloigner les enfants et les personnes à proximité pendant l'utilisation d'un outil électrique.*** *Une distraction pourrait en faire perdre la maîtrise à l'utilisateur.*

2) SÉCURITÉ EN MATIÈRE D'ÉLECTRICITÉ

a) ***Les fiches des outils électriques doivent correspondre à la prise. Ne jamais modifier la fiche d'aucune façon. Ne jamais utiliser de fiche d'adaptation avec un outil électrique mis à la terre.*** *Le risque de choc électrique sera réduit par l'utilisation de fiches non modifiées correspondant à la prise.*

b) ***Éviter tout contact physique avec des surfaces mises à la terre comme des tuyaux, des radiateurs, des cuisinières et des réfrigérateurs.*** *Le risque de choc électrique est plus élevé si votre corps est mis à la terre.*

c) ***Ne pas exposer les outils électriques à la pluie ou à l'humidité.*** *La pénétration de l'eau dans un outil électrique augmente le risque de choc électrique.*

d) ***Ne pas utiliser le cordon de façon abusive. Ne jamais utiliser le cordon pour transporter, tirer ou débrancher un outil électrique. Tenir le cordon éloigné de la chaleur, de l'huile, des bords tranchants et des pièces mobiles.*** *Les cordons endommagés ou enchevêtrés augmentent les risques de choc électrique.*

e) ***Pour l'utilisation d'un outil électrique à l'extérieur, se servir d'une rallonge convenant à cette application.*** *L'utilisation d'une rallonge conçue pour l'extérieur réduira les risques de choc électrique.*

f) ***S'il est impossible d'éviter l'utilisation d'un outil électrique dans un endroit humide, brancher l'outil dans une prise ou sur un circuit d'alimentation dotés d'un disjoncteur de fuite à la terre (GFCI).*** *L'utilisation de ce type de disjoncteur réduit les risques de choc électrique.*

3) SÉCURITÉ PERSONNELLE

a) ***Être vigilant, surveiller le travail effectué et faire preuve de jugement lorsqu'un outil électrique est utilisé. Ne pas utiliser d'outil électrique en cas de fatigue ou sous l'influence de drogues, d'alcool ou de médicaments.*** *Un simple moment d'inattention en utilisant un outil électrique peut entraîner des blessures corporelles graves.*

b) ***Utiliser des équipements de protection individuelle. Toujours porter une protection oculaire.*** *L'utilisation d'équipements de protection comme un masque antipoussière, des chaussures antidérapantes, un casque de sécurité ou des protecteurs auditifs lorsque la situation le requiert réduira les risques de blessures corporelles.*

c) ***Empêcher les démarrages intempestifs. S'assurer que l'interrupteur se trouve à la position d'arrêt avant de relier l'outil à une source d'alimentation et/ou d'insérer un bloc-piles, de ramasser ou de transporter l'outil.*** *Transporter un outil électrique alors que le doigt repose sur l'interrupteur ou brancher un outil électrique dont l'interrupteur est à la position de marche risque de provoquer un accident.*

d) ***Retirer toute clé de réglage ou clé avant de démarrer l'outil.*** *Une clé ou une clé de réglage attachée à une partie pivotante de l'outil électrique peut provoquer des blessures corporelles.*

e) ***Ne pas trop tendre les bras. Conserver son équilibre en tout temps.*** *Cela permet de mieux maîtriser l'outil électrique dans les situations imprévues.*

f) ***S'habiller de manière appropriée. Ne pas porter de vêtements amples ni de bijoux. Garder les cheveux, les vêtements et les gants à l'écart des pièces mobiles.*** *Les vêtements amples, les bijoux ou les cheveux longs risquent de rester coincés dans les pièces mobiles.*

g) ***Si des composants sont fournis pour le raccordement de dispositifs de dépoussiérage et de ramassage, s'assurer que ceux-ci sont bien raccordés et utilisés.*** *L'utilisation d'un dispositif de dépoussiérage peut réduire les dangers engendrés par les poussières.*

4) UTILISATION ET ENTRETIEN D'UN OUTIL ÉLECTRIQUE

a) ***Ne pas forcer un outil électrique. Utiliser l'outil électrique approprié à l'application.*** *L'outil électrique approprié effectuera un meilleur travail, de façon plus sûre et à la vitesse pour laquelle il a été conçu.*

b) ***Ne pas utiliser un outil électrique dont l'interrupteur est défectueux.*** *Tout outil électrique dont l'interrupteur est défectueux est dangereux et doit être réparé.*

c) ***Débrancher la fiche de la source d'alimentation et/ou du bloc-piles de l'outil électrique avant de faire tout réglage ou changement d'accessoire ou avant de ranger l'outil.*** *Ces mesures préventives réduisent les risques de démarrage accidentel de l'outil électrique.*

d) ***Ranger les outils électriques hors de la portée des enfants et ne permettre à aucune personne n'étant pas familière avec un outil électrique ou son mode d'emploi d'utiliser cet outil.*** *Les outils électriques deviennent dangereux entre les mains d'utilisateurs inexpérimentés.*

e) ***Entretien des outils électriques. Vérifier si les pièces mobiles sont mal alignées ou coincées, si des pièces sont brisées ou présentent toute autre condition susceptible de nuire au bon fonctionnement de l'outil électrique. En cas de dommage, faire réparer l'outil électrique avant toute nouvelle utilisation.*** *Beaucoup d'accidents sont causés par des outils électriques mal entretenus.*

f) ***S'assurer que les outils de coupe sont aiguisés et propres.*** *Les outils de coupe bien entretenus et affûtés sont moins susceptibles de se coincer et sont plus faciles à maîtriser.*

g) ***Utiliser l'outil électrique, les accessoires, les forets, etc. conformément aux présentes directives en tenant compte des conditions de travail et du travail à effectuer.*** *L'utilisation d'un outil électrique pour toute opération autre que celle pour laquelle il a été conçu est dangereuse.*

5) UTILISATION ET ENTRETIEN DU BLOC-PILES

a) ***Ne recharger l'outil qu'au moyen du chargeur précisé par le fabricant.*** *L'utilisation d'un chargeur qui convient à un type de bloc-piles risque de provoquer un incendie s'il est utilisé avec un autre type de b loc-piles.*

b) ***Utiliser les outils électriques uniquement avec les blocs-piles conçus à cet effet.*** *L'utilisation de tout autre bloc-piles risque de causer des blessures ou un incendie.*

c) ***Lorsque le bloc-piles n'est pas utilisé, le tenir éloigné des objets métalliques, notamment des trombones, de la monnaie, des clés, des clous, des vis ou autres petits objets métalliques qui peuvent établir une connexion entre les deux bornes.*** *Le court-circuit des bornes du bloc-piles risque de provoquer des brûlures ou un incendie.*

d) ***En cas d'utilisation abusive, le liquide peut gicler hors du bloc-piles; éviter tout contact avec ce liquide. Si un contact accidentel se produit, laver à grande eau. Si le liquide entre en contact avec les yeux, obtenir également des soins médicaux.*** *Le liquide qui gicle hors du bloc-piles peut provoquer des irritations ou des brûlures.*

6) RÉPARATION

a) ***Faire réparer l'outil électrique par un réparateur professionnel en n'utilisant que des pièces de rechange identiques.*** *Cela permettra de maintenir une utilisation sécuritaire de l'outil électrique.*

Règles particulières additionnelles de sécurité propres aux scies alternatives

- ***Tenir l'outil par les surfaces isolées prévues à cet effet pendant toute utilisation où l'organe de coupe pourrait entrer en contact avec des fils électriques cachés.*** *Tout contact de l'organe de coupe avec un fil sous tension mettra les parties métalliques exposées de l'outil sous tension et électrocutera l'utilisateur.*
- ***Utilisez des serres de fixation ou un autre dispositif de fixation permettant de soutenir et de retenir la pièce sur une plate-forme stable.*** *Tenir la pièce avec la main ou contre son corps n'est pas suffisamment stable et risque de provoquer une perte de maîtrise de l'outil.*
- ***Maintenir la scie fermement à deux mains lors de toute coupe.*** *Pendant la découpe, la lame pourrait soudainement se bloquer dans la pièce à travailler et causer un rebond de la scie vers l'utilisateur.*
- ***Tenir les mains à l'écart de toute pièce mobile.*** *Ne jamais approcher les mains des zones de coupes.*
- ***Prendre des précautions supplémentaires pour découper au-dessus de la tête. Faire particulièrement attention aux fils électriques qui pourraient y être dissimulés.*** *Anticiper toute chute de branches ou débris.*
- ***Ne pas utiliser cet outil pendant des périodes prolongées.*** *Les vibrations causées par l'action de fonctionnement de l'outil peuvent blesser en permanence les doigts, les mains et les bras. Porter des gants pour amortir les vibrations, faire des pauses fréquentes et limiter le temps d'utilisation quotidien de l'outil.*

⚠***AVERTISSEMENT : TOUJOURS*** *porter des lunettes de sécurité. Les lunettes de vue ne constituent PAS des lunettes de sécurité. Utiliser également un masque facial ou anti-poussière si l'opération de découpe génère de la poussière. TOUJOURS UTILISER DE L'ÉQUIPEMENT DE PROTECTION HOMOLOGUÉ :*

- *protection oculaire conforme à la norme ANSI Z87.1 (CAN/CSA Z94.3),*
- *protection auditive conforme à la norme ANSI S12.6 (S3.19) et*
- *protection des voies respiratoires conformes aux normes NIOSH/OSHA.*

⚠***AVERTISSEMENT :*** *les scies, meules, ponceuses, perceuses ou autres outils de construction peuvent produire des poussières contenant des produits chimiques reconnus par l'État californien pour causer cancers, malformations congénitales ou être nocifs au système reproducteur. Parmi ces produits chimiques, on retrouve :*

- *Le plomb dans les peintures à base de plomb;*
- *La silice cristallisée dans les briques et le ciment, ou autres produits de maçonnerie; et*
- *L'arsenic et le chrome dans le bois ayant subi un traitement chimique.*

Le risque associé à ces expositions varie selon la fréquence de ces types de travaux. Pour réduire l'exposition aux produits chimiques : travailler dans un local bien ventilé et utiliser du matériel de sécurité approuvé, comme les masques antipoussières spécialement conçus pour filtrer les particules microscopiques.

- ***Éviter le contact prolongé avec la poussière provenant du ponçage, du sciage, du meulage et du forage mécanique ainsi que d'autres activités de construction. Porter des vêtements de protection et laver les parties exposées au savon et à l'eau.*** *La poussière qui pourrait pénétrer dans la bouche et les yeux ou se déposer sur la peau peut favoriser l'absorption de produits chimiques nocifs.*

⚠***AVERTISSEMENT :*** *Cet outil peut produire et répandre de la poussière susceptible de causer des dommages sérieux et permanents au système respiratoire. Toujours utiliser un appareil respiratoire anti-poussières approuvé par le NIOSH ou l'OSHA. Diriger les particules dans le sens opposé du visage et du corps.*

⚠***AVERTISSEMENT : Toujours porter une protection auditive appropriée conformément à la norme ANSI S12.6 (S3.19) lors de l'utilisation du produit.*** *Dans certaines conditions et selon la durée d'utilisation, le bruit émis par ce produit peut contribuer à une perte auditive.*

⚠***ATTENTION : Après utilisation, ranger l'outil sur son côté sur une surface stable là où il ne pourra faire ni trébucher ni tomber personne.*** *Certains outils équipés d'un large bloc-pile peuvent tenir à la verticale sur ce dernier mais ils sont alors facilement déstabilisés.*

- *L'étiquette apposée sur votre outil peut comprendre les symboles suivants. Les symboles et leurs définitions sont indiqués ci-après :*

V..... volts	*A..... ampères*
Hz..... hertz	*W..... watts*
min ..... minutes	*∿ ou AC..... courant alternatif*
⎓ ou DC.... courant continu	*≂ ou AC/DC... courant alternatif ou continu*
Ⓘ..... classe I fabrication (mis à la terre)	*n_o..... vitesse à vide*
⧈..... fabrication classe II (double isolation)	*n..... vitesse nominale*
…/min ..... par minute	*⏚ ..... borne de terre*
IPM..... impacts par minute	*⚠..... symbole d'avertissement*
sfpm ..... pieds linéaires par minute (plpm)	*BPM..... battements par minute*
SPM (FPM).... fréquence par minute	*r/min..... tours par minute*

Consignes de sécurité importantes propres à tous les blocs-piles

Pour commander un bloc-piles de rechange, s'assurer d'inclure son numéro de catalogue et sa tension. Consulter le tableau en dernière page de ce manuel pour connaître les compatibilités entre chargeurs et blocs-piles.