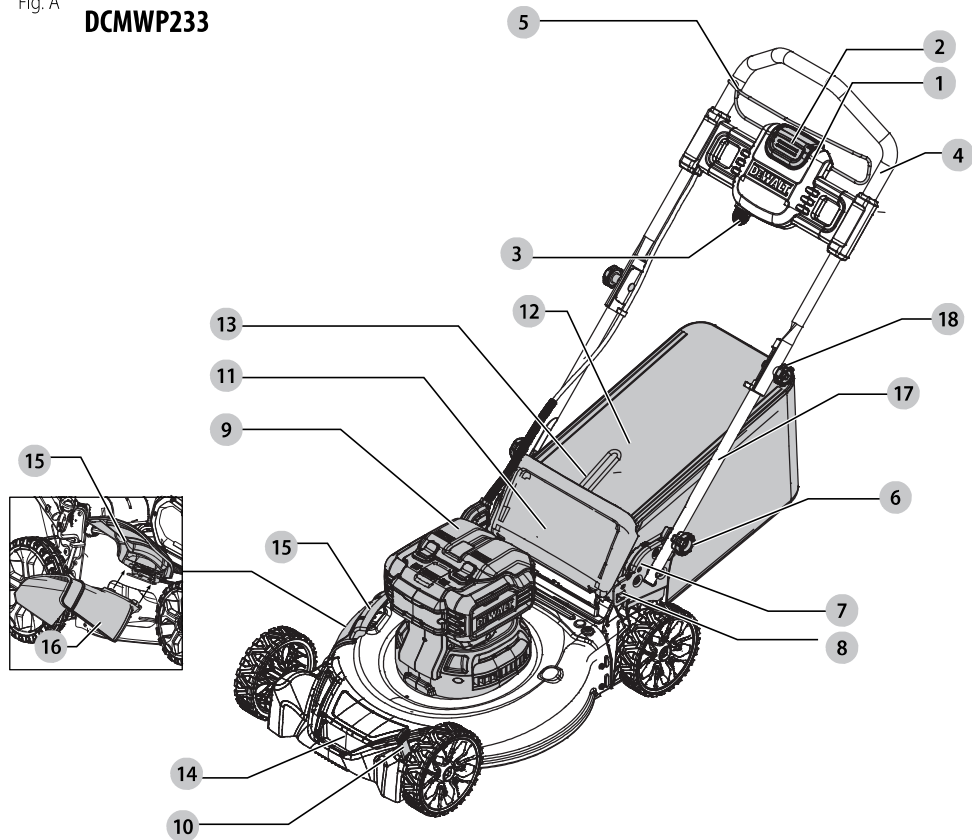


Fig. A

DCMWP233



Components

- 1 ON-OFF switch box
- 2 ON-OFF button
- 3 Safety key
- 4 Main handle (upper)
- 5 Bail handle
- 6 Handle lock knobs
- 7 Handle brackets
- 8 Handle storage detent holes
- 9 Battery port cover
- 10 Cut height adjustment lever
- 11 Rear door cover
- 12 Grass collection bag
- 13 Grass collection bag handle
- 14 Upper carrying handle
- 15 Side flap
- 16 Side discharge chute
- 17 Lower handle
- 18 Upper handle knobs

Composants

- 1 Boîtier MARCHE/ARRÊT
- 2 Bouton MARCHE/ARRÊT
- 3 Clé de sûreté
- 4 Poignée principale (supérieure)
- 5 Anse
- 6 Molettes de verrouillage de la poignée
- 7 Supports de la poignée
- 8 Trous des crans de rangement de la poignée
- 9 Capot du logement des blocs-piles
- 10 Levier de réglage de la hauteur de coupe
- 11 Capot de la porte arrière
- 12 Sac de collecte du gazon
- 13 Poignée du sac de collecte du gazon
- 14 Poignée de transport supérieure
- 15 Volet latéral
- 16 Toboggan la décharge latérale
- 17 Poignée inférieure
- 18 Boutons de la poignée supérieure

Componentes

- 1 Caja de interruptor ON-OFF (ENCENDIDO-APAGADO)
- 2 Botón de ON-OFF (ENCENDIDO-APAGADO)
- 3 Llave de seguridad
- 4 Manija principal (superior)
- 5 Manija de travesaño
- 6 Perillas de bloqueo de manija
- 7 Soportes de manija
- 8 Orificios de tope de almacenamiento de manija
- 9 Cubierta de puerto de batería
- 10 Palanca de ajuste de altura de corte
- 11 Cubierta de puerta trasera
- 12 Bolsa de recolección de césped
- 13 Manija de bolsa de recolección de césped
- 14 Manija de transporte superior
- 15 Aleta lateral
- 16 Conducto de descarga lateral
- 17 Manija inferior
- 18 Perillas de manija superior

Fig. B

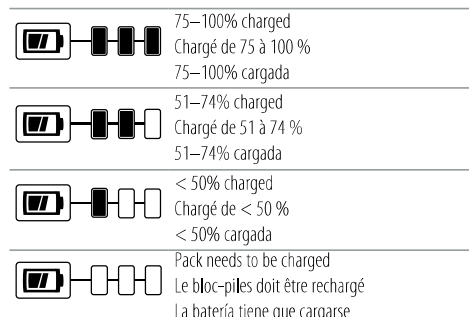


Fig. C

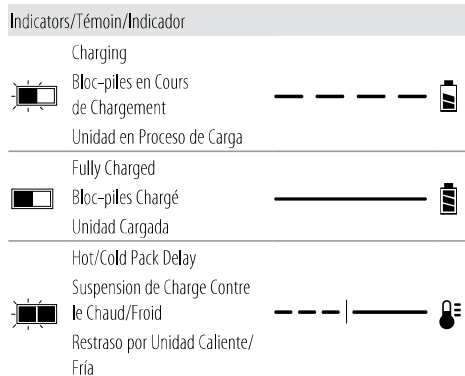


Fig. D

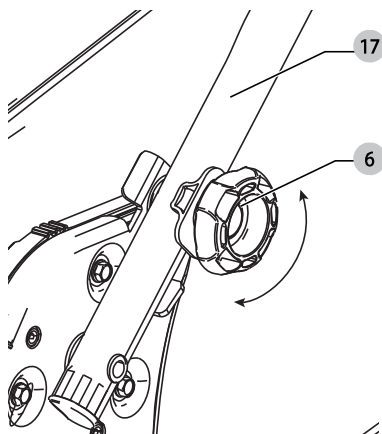


Fig. E

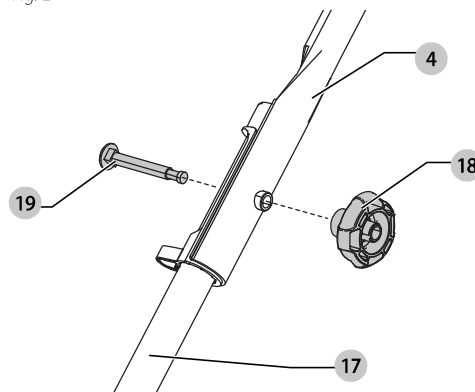


Fig. F

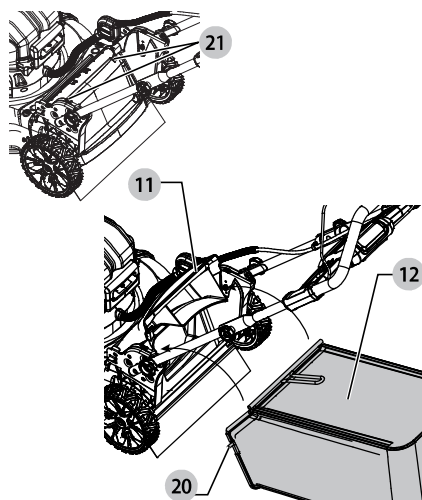


Fig. G

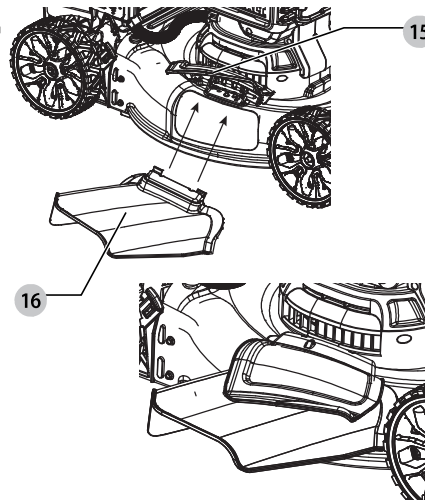


Fig. H

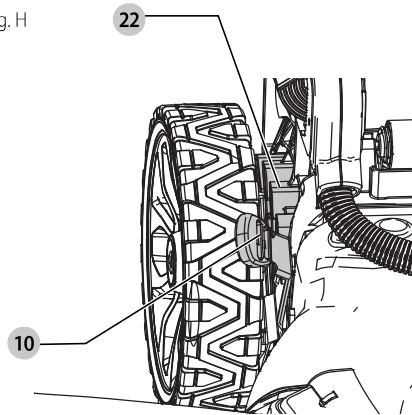


Fig. I

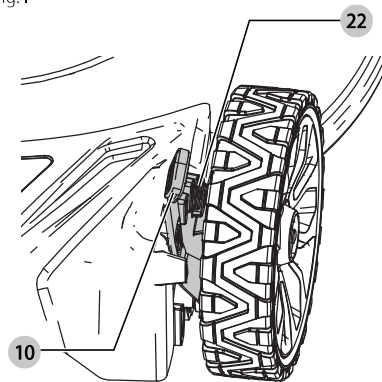


Fig. J

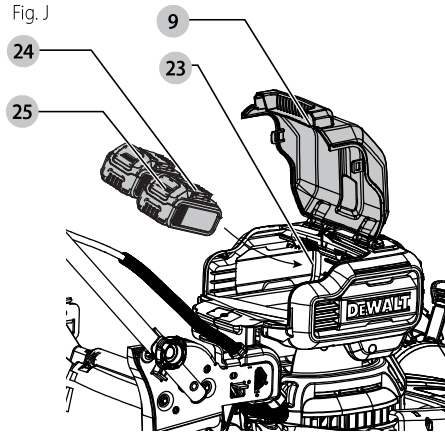


Fig. K

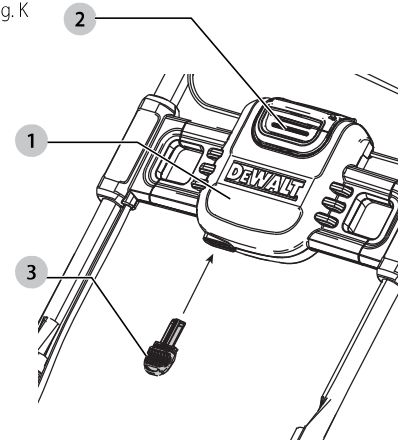


Fig. L

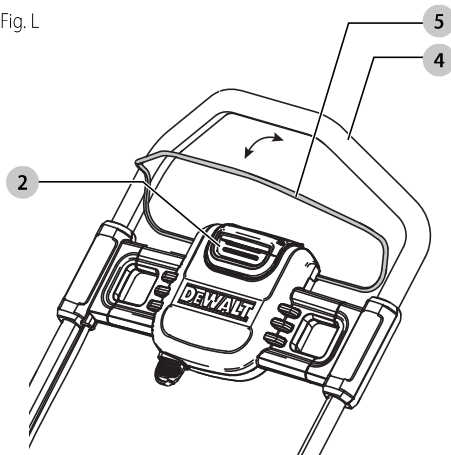


Fig. M

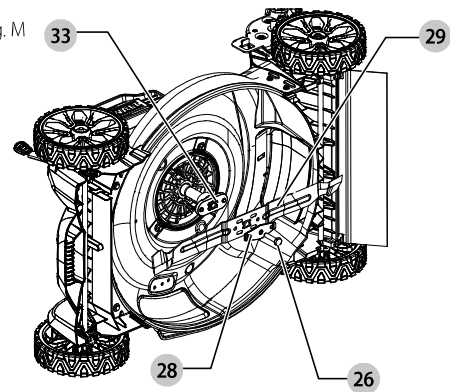


Fig. N

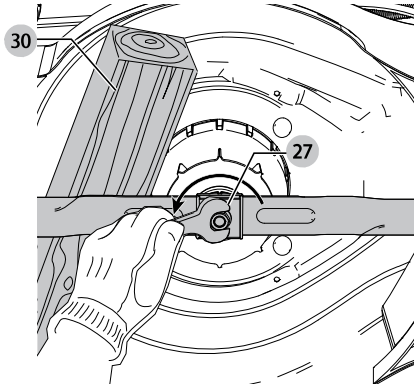


Fig. O

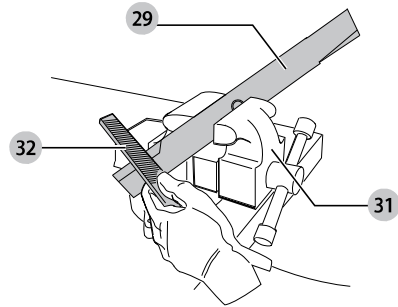
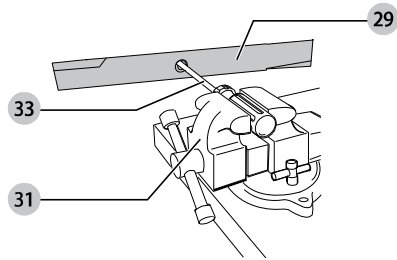
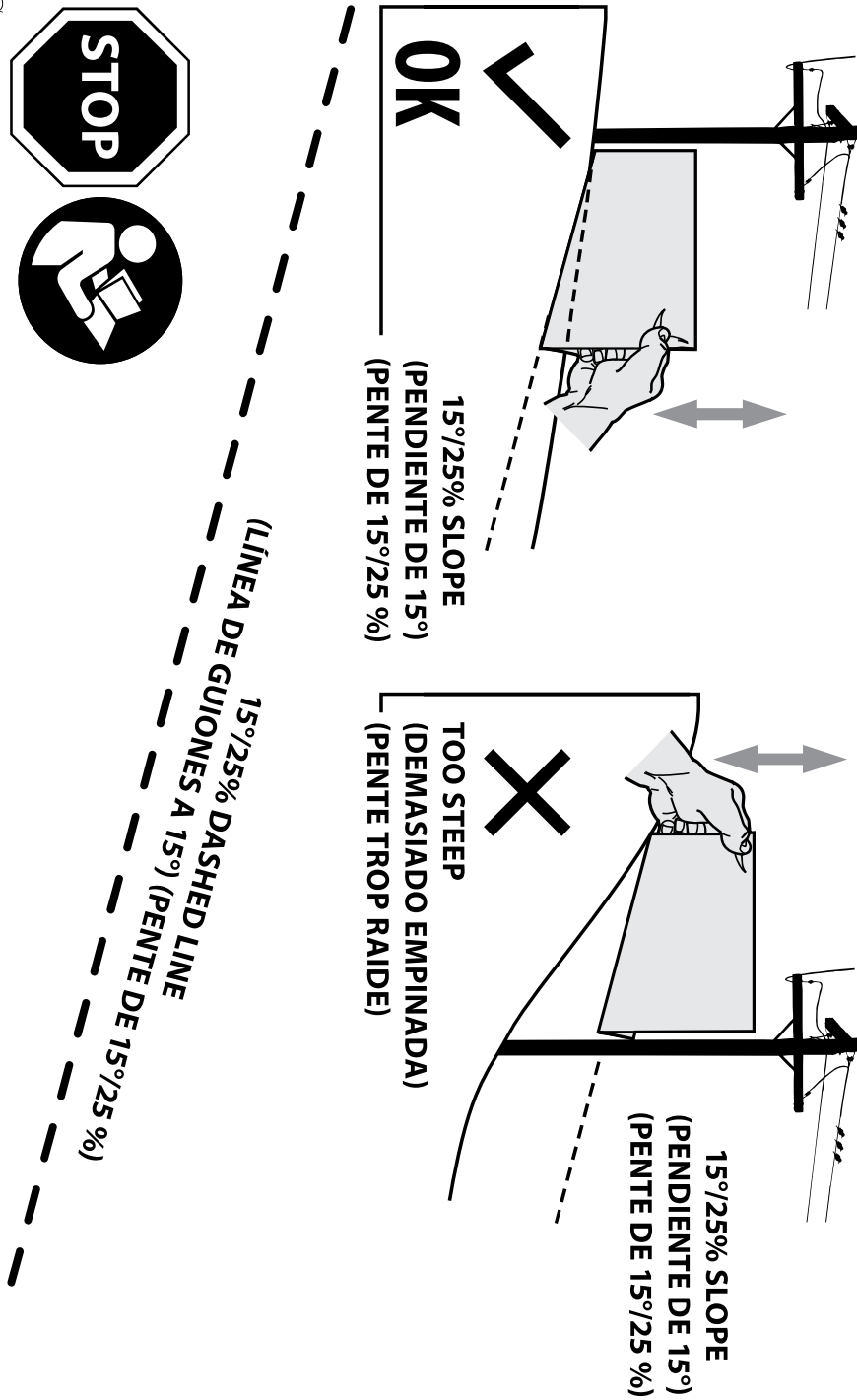


Fig. P



SLOPE GAUGE (INDICADOR DE PENDIENTE) (INCLINOMÈTRE)

Fig. Q



ENGLISH



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.



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

Intended Use

This lawn mower has been designed for professional lawn mowing applications.

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

This lawn mower is a professional lawn care appliance.

DO NOT let children come into contact with the tool.

Supervision is required when inexperienced operators use this tool.

Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.



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**.



(Used without word) Indicates a safety related message.

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

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

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

2) Electrical Safety

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

3) Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

- 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 behavior 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 265 °F (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 authorized service providers.

IMPORTANT SAFETY WARNINGS AND INSTRUCTIONS



WARNING: To reduce risk of injury:

- Before any use, be sure everyone using this tool reads and understands all safety instructions and other information contained in this manual.
- Save these instructions and review frequently prior to use and in instructing others.



WARNING: When using battery powered lawn mowers, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

GENERAL SAFETY WARNINGS AND INSTRUCTIONS FOR ALL LAWN MOWERS



DANGER:

- **This tool can be dangerous.** Follow all warnings and Safety Instructions in this manual. The operator is responsible for following warnings and instructions in this manual and on unit. Restrict use of this mower to persons who read, understand and follow warnings and instructions in this manual and on unit.
- **Avoid dangerous environment** – don't use lawn mowers in damp or wet locations.
- **Don't Use In Rain.**

ENGLISH

- **Keep Children Away** – All visitors should be kept a safe distance from work area.
- **Dress Properly** – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and footwear is recommended when working outdoors.
- **Use Safety Glasses** – Always use face or dust mask if operation is dusty.
- **Use Right Appliance** – Do not use lawn mower for any job except that for which it is intended.
- **Check for damaged parts.** Before further use of the mower, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect their operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this manual.
- **Repairs and service.** Repairs, maintenance and any adjustments not specified in this manual should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.
- **Don't Force Lawn Mower** – It will do the job better and safer at the rate for which it was designed.
- **Don't Overreach** – Keep proper footing and balance at all times.
- **Stay Alert** – Watch what you are doing. Use common sense. Do not operate lawn mower when you are tired.
- **Disconnect Lawn Mower** – Remove the safety key and battery packs from the mower when not in use, before servicing, when changing accessories such as blades, and the like.
- **Store Idle Lawn Mower Indoors** – When not in use, lawn mower should be stored in an indoor dry and locked-up place – out of reach of children. Remove safety key and battery packs.
- **Maintain Lawn Mower With Care** – Keep cutting edges sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- **Keep guards in place and in working order.**
- **Keep blades sharp.**
- **Keep hands and feet away from cutting area.**
- **Objects struck by the lawn mower blade can cause severe injuries to persons.** The lawn should always be carefully examined and cleared of all objects prior to each mowing.
- **If lawn mower strikes a foreign object, follow these steps:**
 1. Stop lawn mower. Release the bail handle.
 2. Remove battery packs and safety key.
 3. Inspect for damage.
 4. Repair any damage before restarting and operating the lawn mower.
- **Use identical replacement blades only.**

SAVE THESE INSTRUCTIONS

Important

Safe Practices for Pedestrian-Controlled Mowers

This machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

General Information

1. Read, understand, and follow instructions and warnings in this manual and on the machine, engine and attachments.
2. Only allow operators, who are responsible, trained, familiar with the instructions, and physically capable to operate the machine.
3. Do not operate the machine while under the influence of alcohol or drugs.

Preparation Before Operating

1. Clear the operating area of any objects which could be thrown by or interfere with operation of the machine.
2. Keep the area of operation clear of all bystanders, particularly small children and pets. Stop the machine and attachment(s) if anyone enters the area.
3. Do not operate the machine without the entire grass catcher, discharge chute, or other safety devices in place and functioning properly. Check frequently for signs of wear or deterioration and replace as needed.
4. Wear appropriate personal protective equipment such as safety glasses, hearing protection, respiratory protection and footwear.

Operating

1. Only operate the machine in daylight or good artificial light.
2. Avoid holes, ruts, bumps, rocks, or other hidden hazards. Uneven terrain could overturn the machine, or cause operator's loss of balance or footing. Tall grass can hide obstacles. Stay behind handle.
3. Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
4. Do not direct discharge material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces.
5. Do not pull mower backward unless absolutely necessary. Always look down and behind before and while moving backward.
6. Always release the bail handle to stop the motor and wait until the blade comes to a complete stop and remove the safety key and battery packs before cleaning the mower, removing the grass catcher, unclogging the discharge, when leaving the mower, when storing the mower, when transporting the mower, or before any adjustments, repairs or inspection.
7. If the mower should start to vibrate abnormally, release the bail handle, wait for the blade to stop and remove the safety key and battery packs, then check for the cause immediately. Vibration is generally a warning of trouble.

Children Specific

1. Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them.
2. Keep children out of the operating area and under the watchful care of a responsible adult other than the operator.
3. Be alert and turn mower off if child enters the area.

Slope Specific

1. Slopes are a major factor related to accidents. Operation on slopes requires extra caution. Only mow slopes that are 15° or less using the Slope Gauge in Fig. Q. Do not mow slope if uncomfortable doing so.
2. Mow across the face of slopes; never up and down. Use caution while operating near dropoffs, ditches, or embankments.
3. Avoid mowing wet grass. (Poor footing could cause a slip and fall accident.)
4. Do not operate machine under any condition where traction, steering, or stability is in question. Mower could slide even if the wheels are stopped.
5. Avoid starting and stopping on slopes. Avoid making sudden changes in speed or direction. Make turns slowly and gradually.
6. Use extra care while operating machine with a grass catcher or other attachment(s). They can affect the stability of the machine.

Service

1. Keep machine in good working order. Replace worn or damaged parts.
2. Use caution when servicing blades. Wrap the blade(s) or wear gloves. Replace damaged blades. Do not repair or alter blade(s). Keep all nuts and bolts tight.
3. Keep mower free of grass, leaves, or other debris build-up.
4. Maintain or replace safety and instruction labels as necessary.

The following are explanations of important safety hazard pictorials on the mower.



User must read and understand the instruction manual.



To avoid the risk of serious injury do not mow slopes at an angle of more than 15°/25%.



To avoid the risk of injury to bystanders keep all persons and pets at a safe distance from the mower while operating.



Always look down and behind before and while moving backward.



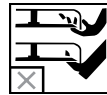
Do not operate machine without the side flap or side discharge chute in place.



Do not operate machine without the side flap or side discharge chute in place.



Do not operate the machine without the rear flap in place.



Rotating blades can cause serious injury. Keep hands and feet clear of mower deck and discharge opening at all times. Always be sure blade has stopped. Release bail handle to turn mower off and wait for the blade to stop rotating (approximately 3 seconds) and remove the safety key and battery packs before removing and replacing grass catcher, cleaning, servicing, transporting or lifting the mower.



Objects struck by mower blade can cause serious injury. Stay behind the handle when the motor is running. Always ensure persons and pets are clear of the discharge from the mower while operating. Always inspect mowing area before mowing and remove objects that could be thrown by blade. Release bail handle to turn mower off and wait for the blade to stop rotating (approximately 3 seconds) before crossing walk, roads, patio and gravel drives.

Additional Safety Information



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



WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. Wear hearing protection if cutting operation is noisy. 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 this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:









- compounds in fertilizers
- compounds in insecticides, herbicides and pesticides
- arsenic and chromium from chemically treated lumber

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

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

BPM.....beats per minute === or DC..... direct current
V.....volts .../min..... per minute
min.....minutes

ENGLISH

RPM.....	revolutions per minute		.....	wear eye protection
A.....	amperes		.....	Class II Construction (double insulated)
Hz.....	hertz		.....	wear hearing protection
W.....	watts		.....	read all documentation
Wh.....	watt hours		.....	avoid staring at light
n ₀	no load speed		.....	wear respiratory protection
n.....	rated speed		.....	alternating current
	safety alert symbol	Ah.....	.....	amp hours

BATTERIES AND CHARGERS

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. When ordering replacement battery packs, be sure to include the catalog number and voltage.

READ ALL INSTRUCTIONS

Important Safety Instructions for All Battery Packs



WARNING: Read all safety warnings, instructions, and cautionary markings for the battery pack, charger and product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **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 DEWALT chargers.**
- **DO NOT** splash or immerse in water or other liquids.
- **DO NOT** allow water or any liquid to enter battery pack.
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °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.**
- **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.
- **Do not expose a battery pack or appliance to fire or excessive temperature.** Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.

- **Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.** Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- **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.
- **Battery liquid may be flammable if exposed to spark or flame.**
- **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.

Storage Recommendations

The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold. Store the fully charged battery pack out of the charger.

Battery Pack Cleaning Instructions

Dirt and grease may be removed from the exterior of the battery pack using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

Fuel Gauge Battery Packs (Fig. B)

Some battery packs include a fuel gauge. When the fuel gauge button is pressed and held, the LED lights will indicate the approximate level of charge remaining. This does not indicate tool functionality and is subject to variation based on product components, temperature, and end-user application.

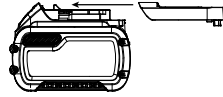
Transportation



WARNING: Fire hazard. Do not store, carry, or transport 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, coins, hand tools, etc. 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. **NOTE:** Li-ion battery packs should not be put in checked baggage on airplanes and must be properly protected from short circuits if they are in carry-on baggage.

Shipping the DeWALT FLEXVOLT™ Battery Pack

The DeWALT FLEXVOLT™ battery pack has a battery cap that should be used when shipping the battery pack.



Attach the cap to the battery pack to ready it for shipping. This converts the battery pack to three separate 20V batteries. The three batteries have the Watt hour rating labeled "Shipping" on the battery pack. If shipping without the cap or in a tool, the pack is one battery at the Watt hour rating labeled "Use".

Example battery pack label:

USE: 120 Wh SHIPPING: 3 x 40 Wh

In this example, the battery pack is three batteries with 40 Watt hours each when using the cap. Otherwise, the battery pack is one battery with 120 Watt hours.

The RBRC® Seal

Please take your spent battery packs to an authorized DeWALT service center or to your local retailer for recycling. In some areas, it is illegal to place spent battery packs in the trash. You may also contact your local recycling center for information on where to drop off the spent battery pack. Do not place in curbside recycling. For more information visit www.call2recycle.org, or call the toll free number in the RBRC® Seal.

RBRC® is a registered trademark of Call 2 Recycle, Inc.



Important Safety Instructions for All Battery Chargers



WARNING: Read all safety warnings, instructions, and cautionary markings for the battery pack, charger and product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **DO NOT attempt to charge the battery pack with any chargers other than a DeWALT charger.** DeWALT chargers and battery packs are specifically designed to work together.
- **These chargers are not intended for any uses other than charging DeWALT rechargeable battery packs.** Charging other types of battery packs may cause them to overheat and burst, resulting in personal injury, property damage, fire, electric shock or electrocution.
- **Do not expose the charger to rain or snow.**
- **Do not allow water or any liquid to enter charger.**
- **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 heavier the cord and thus the greater its capacity. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on total length of all extension cords plugged together, and nameplate ampere rating. If in doubt, use the next heavier gauge.

Minimum Gauge for Cord Sets

Volts	Total Length of Cord in Feet (meters)				
	120V	25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
Ampere Rating	American Wire Gauge				
	More Than	Not More Than			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

- **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.** Have them replaced immediately.
- **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.
- **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.
- **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 and ventilation slots.**
- **Always unplug the charger from the power supply when there is no battery pack in the cavity.**

Charging a Battery (Fig. C)

1. Plug the charger into an appropriate outlet.
2. Insert and fully seat battery pack. The red charging light will continuously blink while charging.

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3. Charging is complete when the red charging light remains continuously ON. Battery pack can be left in charger or removed. Some chargers require the battery pack release button to be pressed for removal.
4. Charger will not charge a faulty battery pack, which may be indicated by the light staying OFF. Take charger and battery pack to an authorized service center if light stays OFF.

NOTE: Refer to label near charging light on charger for blink patterns. Older chargers may have additional information and/or may not have a yellow indicator light.

Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack may charge at a slower rate than a warm battery pack.

The hot/cold pack delay will be indicated by the red light continuing to blink but with the yellow light continuously ON. Once the battery pack has reached an appropriate temperature, the yellow light will turn OFF and the charger will resume the charging procedure.

DCB118 and DCB1112 Chargers

The DCB118 and DCB1112 chargers are equipped with an internal fan designed to cool the battery pack. The fan will turn on automatically when the battery pack needs to be cooled.

Electronic Protection System

Li-Ion tools are designed with an Electronic Protection System that will protect the battery pack against overloading, overheating or deep discharge. The tool will automatically turn off and the battery pack will need to be recharged.

Important Charging Notes

1. 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.
2. 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. If charging problems persist, take the tool, battery pack and charger to your local service center.
3. You may charge a partially used pack whenever you desire with no adverse effect on the battery pack.

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.

Wall Mounting

Some DEWALT chargers are designed to be wall mountable or to sit upright on a table or work surface. If wall mounting, locate the charger within reach of an electrical outlet, and away from a corner or other obstructions which may impede air flow. Use the back of the charger as a template for the location of the mounting screws on the wall. Mount the charger securely using drywall screws (purchased separately) at least 1" (25.4 mm) long, with a screw head diameter of 0.28–0.35" (7–9 mm), screwed into wood to an optimal depth leaving approximately 7/32" (5.5 mm) of the screw exposed. Align the slots on the back of the charger with the exposed screws and fully engage them in the slots.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

ASSEMBLY AND ADJUSTMENTS



DANGER: To reduce the risk of serious personal injury, turn unit off and remove the safety key and battery packs before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Adjusting Handle Height (Fig. A, D)

The mower is shipped in storage mode. You will need to adjust the handle to operating position before continuing.

1. To unlock the lower handle **17** from the storage position, twist the two handle lock knobs **6** a quarter turn. The handle lock knobs **6** are located on both sides of the lower handle **17**.
2. Raise the lower handle to the operating position. Take care to not pinch or stress the cord.
3. Twist the handle lock knobs **6** a quarter turn, securing the lower handle into position.

Attaching Upper Handle (Fig. A, E)

1. Line up the holes on the bottom of the upper handle **4** with the holes on the top of the lower handle **17**. Take care to not pinch or stress the cord.

NOTE: Make sure the cord is located on the front of both handles. If it is not it may result in the cord tangling and the inability to easily store the mower.

2. From the inside of the lower handle **4**, insert the handle bolt **19** through the two handle holes. Repeat for the opposite side.
3. From the outside of the upper handle tighten a handle knob **18** onto each handle bolt **19**. Take care to not pinch or stress the cord.

Grass Collection Bag (Fig. F, G)

⚠ DANGER: Turn unit off and remove safety key and battery packs.

1. Lift the rear door cover **11** and place the grass collection bag **12** onto the mower so the bag lugs **20** slide into the slots **21** on the inside plastic surfaces of the handle brackets as shown in Fig. F, G. Then lower the rear door cover.
2. If installed, remove side discharge chute **16** and make sure side flap **15** is fully down.

Side Discharge (Fig. A, G)

⚠ DANGER: Turn unit off and remove safety key and battery packs.

1. To operate mower in side discharge mode, remove the grass collection bag **12**.
2. Be sure rear door cover **11** is closed.
3. Lift the side flap **15** and hook side discharge chute **16** onto the mower.
4. Release the side flap and ensure the side discharge chute **16** holds in place before turning mower on.

Mulching (Fig. A, F, G)

⚠ DANGER: Turn unit off and remove safety key and battery packs.

1. To operate mower in mulching mode, remove the grass collection bag **12**.
2. Be sure rear door cover **11** is closed.
3. If installed, remove side discharge chute **16** and make sure side flap **15** is fully down.

Adjusting Mower Height (Fig. H)

⚠ DANGER: Never attempt to adjust mower height with the motor running.

The height of cut is adjusted by the front and rear cut height adjustment levers **10**.

NOTE: If you are not sure what height to cut at, begin mowing with the front and rear cut height adjustment levers **10**, positioned at the highest settings and adjust the height down as needed for your application.

To Set the Height of Cut

1. Pull the rear cut height adjustment lever **10** out of the locking notch **22**.
2. Move the lever towards the front of the appliance to raise the height of cut as desired.
3. Move the lever towards the rear of the appliance to lower the height of cut as desired.
4. Push the cut height adjustment lever **10** into one of the locking notches **22** to set the height.
5. Repeat for the front cut height adjustment lever **10** except that the lever is moved towards the rear of the appliance to raise the height of cut, and towards the front of the appliance to lower the height of cut. **NOTE:** For best results, the front and rear cut height adjustment levers **10** should be set to the same cut height as indicated by the number next to the notch.

OPERATION

⚠ DANGER: To reduce the risk of serious personal injury, turn unit off and remove the safety key and battery packs 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 both hands grasping the main handle **4**, and bail handle **5**.

READ THIS INSTRUCTION MANUAL BEFORE OPERATING YOUR MOWER

Refer to Figure A at the beginning of this manual for a complete list of components. Save this manual for future reference.

⚠ DANGER: Sharp moving blade. Do not operate the mower in mulching mode if the rear door and side discharge door are not closed under spring tension as serious injury could result. Take your mower to the nearest service center for repair.

⚠ DANGER: Do not operate mower unless handle is locked into position.

⚠ DANGER: Sharp moving blade. Never operate the mower in bagging mode unless the bag lugs on the grass collection bag are seated properly on the mower and the rear discharge door rests firmly against the top of the grass collection bag as serious injury could result.

⚠ WARNING: Let the mower work at its own pace. Do not overload.

Installing and Removing the Battery Packs (Fig. J)

⚠ DANGER: MAKE CERTAIN THE SAFETY KEY IS REMOVED TO PREVENT ACTUATION BEFORE REMOVING OR INSTALLING BATTERIES.

This mower is designed to operate on two battery packs of equal capacity. The mower will not operate on a single battery pack, and if using different capacity battery packs, the smaller capacity battery pack, when depleted, will cause the unit to turn off.

NOTE: For best results, make sure the battery packs are fully charged.

To Install the Battery Packs

1. Lift and hold the battery port cover **9** up to expose the battery port **23**.
2. Slide a battery pack **24** into the battery port **23** until an audible click is heard (Fig. J). Repeat for the second battery port.

NOTE: Ensure the battery packs are fully seated and fully latched into position before starting mower.


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3. Close the battery port cover. Ensure the cover is fully closed before starting mower.

To Remove the Battery Packs


1. Lift and hold the battery port cover **9** up to expose the battery port **23**.
2. Depress the battery release button **25** on the battery pack **24** and pull the battery packs out of tool.

Safety Key (Fig. K)

 **DANGER: Sharp moving blade.** In order to prevent accidental start-up or unauthorized use of your cordless mower, a removable safety key **3** has been incorporated into the design of your mower. The mower will be completely disabled when the safety key has been removed from the mower.

 **DANGER: Rotating blades can cause serious injury.** To prevent serious injury, turn unit off and remove safety key and battery packs when unattended, or when charging, cleaning, servicing, transporting, lifting, or storing mower.

Starting Mower (Fig. J–L)

 **DANGER: Sharp moving blade. Never attempt to override the operation of the switch box and safety key system as serious injury could result.**

NOTE: Mower is operational when battery packs and safety key are installed.


1. Lift and hold the battery port cover **9** up to expose the battery port **23**.
2. Slide a battery pack **24** into the battery port **23** until an audible click is heard. Repeat this process for the second battery port.

NOTE: Ensure the battery packs are fully seated and fully latched into position before starting mower.

3. Close the battery port cover. Ensure the cover is fully closed before starting mower.
4. Insert safety key **3** into the ON-OFF switch box **11** until it is fully seated inside housing. The mower is now operational.
5. Your mower is equipped with a special ON-OFF switch box **11**. To operate the mower, push and hold the ON-OFF button **2** on the ON-OFF switch box **11**, then pull the bail handle **5** to the main handle **4**.

NOTE: Once the mower starts you can release the ON-OFF button, but you must continue to hold the bail handle to the main handle for the mower to run.

6. To turn the mower OFF, release the bail handle **5**.


 **WARNING: Never attempt to lock a switch or bail handle in the ON position.**


NOTE: Once the bail handle has returned to the original position it will activate the "Automatic Braking Mechanism". The motor is braked and the mower blade will stop rotating in three seconds or less. If mower blade rotates longer than three seconds, discontinue using mower and have it serviced.

Mower Overload

To prevent damage due to overload conditions, do not try to remove too much grass at one time. Slow down your cutting pace, or raise the cut height.

Mowing Tips (Fig. A)

 **WARNING: ALWAYS INSPECT AREA WHERE MOWER IS TO BE USED AND REMOVE ALL STONES, STICKS, WIRE, BONES, AND OTHER DEBRIS WHICH MIGHT BE THROWN BY THE ROTATING BLADE.**

 **WARNING: Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively (greater than 15°) steep slopes. Always maintain good footing.**

- Release bail handle to turn mower "OFF" when crossing any gravel area (stones can be thrown by the blade).
- Set mower at highest cutting height when mowing in rough ground or in tall weeds. Removing too much grass at one time can cause the motor to be overloaded and to stop.
- If a grass collection bag **12** is used during the fast growing season, the grass may tend to clog up at the discharge opening. Release bail handle to turn mower off, remove the safety key and battery packs. Remove the catcher and shake the grass down to the back end of the bag. Also clean out any grass or debris which may be packed around the discharge opening. Replace the grass catcher.
- If mower should start to vibrate abnormally, release bail handle to turn mower off, remove the safety key and battery packs. Check immediately for cause. Vibration is a warning of trouble. Do not operate mower until a service check has been made.
- For best cutting results, keep blade sharpened and balanced.
- Inspect and thoroughly clean mower after each use as a deck with caked grass will degrade performance.
- Always release bail handle to turn mower off, remove safety key and battery packs when leaving it unattended even for a short period of time.

The following suggestions will help you to obtain optimum run time from your cordless mower:

- Slow down in areas where the grass is especially long or thick.
- Avoid mowing when the grass is wet from rain or dew-soaked.
- Cut your lawn frequently, especially during high growth periods.

NOTE: It is recommended that your battery packs be recharged after use to prolong the battery pack life. Frequent charging will not harm your battery pack, and will ensure that the battery pack is fully charged and ready for its next use. Storing battery pack not fully charged will shorten its life.

Carrying the Mower (Fig. A)

⚠ DANGER: Rotating blades can cause serious injury. To prevent serious injury, remove safety key and battery pack when unattended, or when charging, cleaning, servicing, transporting, lifting, or storing mower.

The mower can be carried using the convenient carry handle **14**. DO NOT attempt to lift the mower by grasping the main handle **4**.

Storage (Fig. A)

⚠ DANGER: Rotating blade can cause serious injury. Release bail handle to turn mower off, remove safety key, and remove battery packs before lifting, transporting, or storing the mower. Store in a dry place.

⚠ CAUTION: Pinch point. To avoid being pinched, keep fingers away from area around handle brackets when folding down handles.

The handle of the mower can be easily folded down for quick and convenient storage.

1. On the lower handle, twist the handle lock knobs **6** a quarter turn.
2. Rotate the handle towards the front of the mower. Take care to not pinch or stress the cord.
3. Twist the handle lock knobs **6** a quarter turn to lock the handle into storage position.
4. The mower can be stored standing up, with the collection bag removed, or flat on its wheels.

MAINTENANCE

⚠ DANGER: To reduce the risk of serious personal injury, turn unit off and remove the safety key and battery packs before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Removing and Installing Blade (Fig. M, N)

⚠ DANGER: RISK OF INJURY. WHEN REASSEMBLING THE BLADE SYSTEM, ENSURE EACH PART IS REINSTALLED CORRECTLY, AS DESCRIBED BELOW. IMPROPER ASSEMBLY OF THE BLADE OR OTHER PARTS OF THE BLADE SYSTEM MAY CAUSE SERIOUS INJURY.

⚠ DANGER: To reduce the risk of serious personal injury, turn unit off, remove safety key and battery packs before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Replacement blades are available from your nearest authorized service center. This mower requires replacement blade DWO1DT233.

1. Cut a piece of 2" x 4" wood **30** (about 2 feet long) (610 mm) to keep blade from turning when removing the blade bolt **26**.

⚠ WARNING: Use gloves and proper eye protection. Turn the mower on its side. Be careful of sharp edges of blade.

2. Position wood and unscrew the blade bolt **26** counterclockwise with a 5/8" wrench **27** (not included) as shown in Fig. N.
 3. Remove blade bolt **26**, spring plate **28** and blade **29** as shown in Fig. M. Examine all pieces for damage and replace if necessary.
 4. Install sharpened or new blade on shoulder of the blade adapter **33** as shown in Fig. M. Blade has a winged cut out which must match and engage the same shaped projection on the blade adapter.
- NOTE:** When replacing sharpened or new blade on shoulder of blade adapter **33**, make sure the bottom of the blade as marked BOTTOM will be facing the ground when the mower is returned to its normal upright position.
5. Install the spring plate **28** on the blade. Be sure to align the bosses on the spring plate with the detents in the blade, rotating the blade and spring plate together as necessary.
 6. Position piece of wood to keep blade from turning as shown in Fig. N. Install blade bolt **26** and securely tighten the blade **29** with a 5/8" wrench **27**.

Blade Sharpening

KEEP BLADE SHARP FOR BEST MOWER PERFORMANCE. A DULL BLADE DOES NOT CUT GRASS CLEANLY.

⚠ WARNING: Use gloves and proper eye protection while removing, sharpening, and installing blade. Ensure that safety key and battery pack are removed.

Sharpening the blade twice during a mowing season is usually sufficient under normal circumstances. Sand causes the blade to dull quickly. If your lawn has sandy soil, more frequent sharpening may be required. **REPLACE BENT OR DAMAGED BLADE IMMEDIATELY.**

When Sharpening the Blade:

- Make sure blade remains balanced.
- Sharpen blade at the original cutting angle.
- Sharpen cutting edges on both ends of blade, removing equal amounts of material from both ends.

To Sharpen Blade in a Vise (Fig. O, P)

1. Be sure the bail handle is released, the blade has stopped and safety key and battery packs are removed before removing the blade.
2. Remove blade from mower. See instructions for **Removing and Installing Blade**.
3. Secure blade **29** in a vise **31**.
4. Wear proper eye protection and gloves and be careful not to cut yourself.
5. Carefully file the cutting edges of the blade with a fine tooth file **32** (not included) or sharpening stone (not included), maintaining the angle of the original cutting edge.
6. Check balance of blade. See instructions for **Blade Balancing**.
7. Replace blade on mower and tighten securely.

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Blade Balancing (Fig. P)

Check balance of the blade **29** by placing center hole in the blade over a nail or round screwdriver **33**, clamped horizontally in a vise **31**. If either end of the blade rotates downward, file along the sharp edge of that dropping end. Blade is properly balanced when neither end drops.

Cleaning (Fig. A)



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.

Release bail handle **5** to turn mower off, let the blade come to a stop and then remove the battery packs and safety key. Clean out any clippings which may have accumulated on the underside of the deck. Do not spray water or other liquids. After several uses, check all exposed fasteners for tightness.

Corrosion (Fig. A)

Fertilizers and other garden chemicals contain agents which greatly accelerate the corrosion of metals. If you mow in areas where fertilizers or chemicals have been used, the mower should be cleaned immediately afterward as follows:

Release bail handle **5** to turn mower off and remove battery and safety key. Wipe all exposed parts with a damp cloth.



CAUTION: Do not pour or spray water on the mower in an attempt to clean it. Do not store the tool on or adjacent to fertilizers or chemicals. Such storage can cause rapid corrosion.

Meets CPSC Safety Requirements

DEWALT Mowers conform to the safety standards of the American National Standards Institute, and the U.S. Consumer Product Safety Commission. The blade turns when the blade motor is running.

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 dealer or authorized service center. If you need assistance in locating any accessory, please contact DEWALT 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.



WARNING: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement, when applicable) should be performed by a DEWALT factory service center or a DEWALT authorized service center. 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

Three Year Limited Warranty

DEWALT will repair or replace, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase (two years for batteries). 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 LIMITED WARRANTY IS GIVEN IN LIEU OF ALL OTHERS, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. 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:

2 YEARS FREE SERVICE

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

2 YEARS FREE SERVICE ON DEWALT BATTERY PACKS

DC9071, DC9091, DC9096, DC9182, DC9280, DC9360, DCB120, DCB122, DCB124, DCB127, DCB201, DCB203BT, DCB207, DCB361

3 YEARS FREE SERVICE ON DEWALT BATTERY PACKS

DCB200, DCB203, DCB204, DCB204BT, DCB205, DCB205BT, DCB206, DCB208, DCB230, DCB240, DCB606, DCB609, DCB612

NOTE: Battery 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 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.