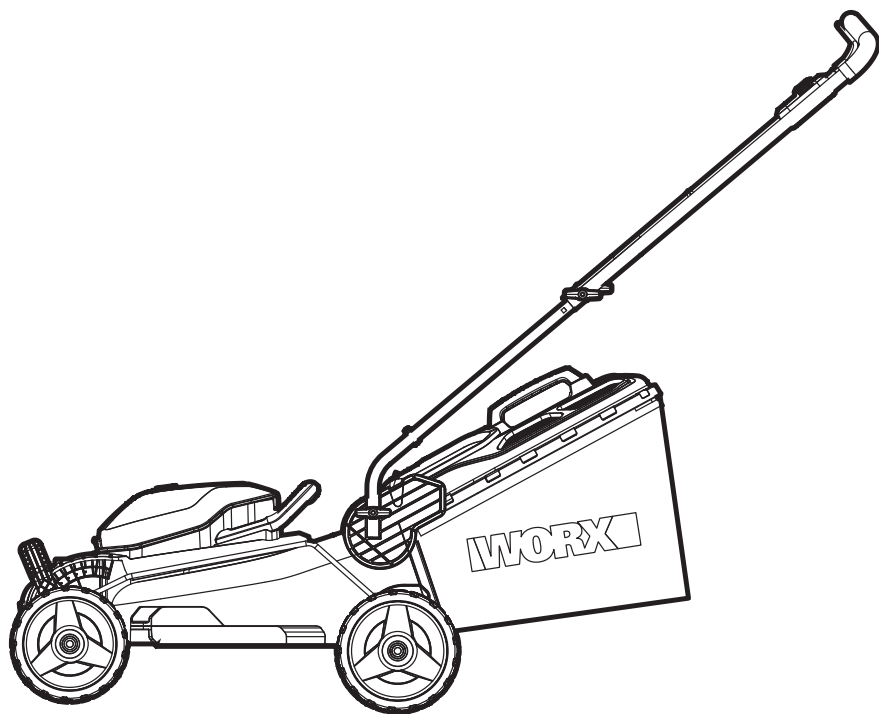


WORX®



Cordless Lawn Mower	EN	P03
Tondeuse à gazon sans fil	F	P22
Cortacésped sin cables	ES	P38



HELPLINE NUMBER
NUMÉRO DU SERVICE D'ASSISTANCE
NÚMERO DE LÍNEA DE AYUDA
1-866-354-WORX (9679)

WG743 WG743.9



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;
- 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.



WARNING: This product can expose you to chemicals including lead and Di(2-ethylhexyl)phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

READ ALL INSTRUCTIONS



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



WARNING: Risk of injury could occur if the lawn mower is operated without the catcher assembly attached.



WARNING: The use of any other accessory or attachment might increase the risk of injury



CAUTION: For battery-operated lawn mowers, use only identical replacement batteries and specifying the battery type and manufacturer.

FOR ALL LAWN MOWERS

- 1) Avoid dangerous environment - Don't use lawn mowers in damp or wet locations.
- 2) Don't Use In Rain.
- 3) Keep children away - All visitors should

- be kept a safe distance from work area.
- 4) 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.
- 5) Use safety glasses - Always use face or dust mask if operation is dusty.
- 6) Use right appliance - Do not use lawn mower for any job except that for which it is intended.
- 7) Don't Force Lawn Mower - It will do the job better and safer at the rate for which it was designed.
- 8) Don't overreach - Keep proper footing and balance at all times.
- 9) Stay alert - Watch what you are doing. Use common sense. Do not operate lawn mower when you are tired.
- 10) 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.
- 11) 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.
- 12) Keep guards in place and in working order.
- 13) Keep blades sharp.
- 14) Keep hands and feet away from cutting area.
- 15) Objects struck by the lawn mower blade can cause severe injuries to persons. The lawn mower should always be carefully examined and cleared of all objects prior to each mowing.
- 16) If lawn mower strikes a foreign object, follow these steps:
 - i) Stop lawn mower. Release the switch.
 - ii) Remove battery pack.
 - iii) Inspect for damage.
 - iv) Repair any damage before restarting and operating the lawn mower.
- 17) Use identical replacement blades only.

FOR ALL BATTERY - OPERATED GARDENING APPLIANCES:

1. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch

or energizing appliance that have the switch on invites accidents.

2. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
3. 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.
4. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. 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.
6. 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.
7. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
8. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C(265°F) may cause explosion.
9. 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.
10. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. Do not modify or attempt to repair

the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

GENERAL SAFETY WARNINGS

WARNING: Read all safety warnings and 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.

SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred battery pack.**
- b) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- c) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.** 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 fire.
- d) **Do not remove battery pack from its original packaging until required for use.**
- e) **Do not subject battery pack to mechanical shock.**
- f) **In the event of battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- g) **Observe the plus (+) and minus (-) marks on the battery back and equipment and ensure correct use.**

- h) Do not use any battery pack which is not designed for use with the equipment.**
- i) Keep battery pack out of the reach of children.**
- j) Seek medical advice immediately if a cell or battery has been swallowed.**
- k) Always purchase the battery pack recommended by the device manufacturer for the equipment.**
- l) Keep battery pack clean and dry.**
- m) Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- n) Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.**
- o) Do not leave battery pack on prolonged charge when not in use.**
- p) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- q) Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).**
- r) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
- s) Recharge only with the charger specified by WORX. Do not use any charger other than that specifically provided for use with the equipment.**
A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- t) Retain the original product literature for future reference.**
- u) Use only the battery pack in the application for which it was intended.**
- v) Remove the battery pack from the equipment when not in use.**
- w) Dispose of properly.**

Safety instructions for walk-behind mowers

IMPORTANT

Safe Practices for Walk-Behind Mowers

I. GENERAL OPERATION

1. Read, understand, and follow all instructions on the machine and in the manual(s) before starting.
2. Do not put hands or feet near or under the machine. Keep clear of the discharge opening at all times.
3. Only allow responsible adults, who are familiar with the instructions, to operate this machine.
4. Clear the area of objects such as rocks, wire, toys, etc., which could be thrown by the blade. Stay behind the handle when the motor is running.
5. Be sure the area is clear of bystanders before operating. Stop machine if anyone enters the area.
6. Do not operate machine barefooted or while wearing sandals. Always wear substantial footwear.
7. Do not pull machine backward unless absolutely necessary. Always look down and behind before and while moving backward.
8. Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade when crossing gravel surfaces.
9. Do not operate machine without the entire grass catcher, discharge guard, rear guard, or other safety protective devices in place and working.
10. Never leave a running machine unattended.
11. Stop the motor and wait until the blade comes to a complete stop before cleaning the machine, removing grass catcher, or unclogging the discharge guard.
12. Operate machine only in daylight or good artificial light.
13. Do not operate machine while under the influence of alcohol or drugs.
14. Never operate mower in wet grass. Always be sure of your footing; walk; never run.
15. Disengage the drive system, if so equipped, before starting the motor.
16. If the machine should start to vibrate

abnormally, stop the motor and check for the cause immediately. Vibration is generally a warning of trouble.

17. Always wear eye protection when operating machine.
18. See manufacturer's instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.

II. SLOPE OPERATION

Slopes are a major factor related to slip and fall accidents, which can result in severe injury. Operation on all slopes requires extra caution. If you feel uneasy on a slope, do not mow it.

1. Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes.
2. Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could cause a slip and fall accident. Tall grass can hide obstacles.
3. Do not mow on wet grass or excessively steep slopes. Poor footing could cause a slip and fall accident.
4. Do not mow near drop-offs, ditches, or embankments. You could lose your footing or balance.

III. CHILDREN

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.

1. Keep children out of the mowing area and under the watchful care of a responsible adult other than the operator.
2. Be alert and turn mower off if a child enters the area.
3. Never allow children to operate the machine.
4. Use extra care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.

IV. SERVICE

GENERAL SERVICE

1. Keep all nuts and bolts tight to be sure the equipment is in safe working condition.
2. Never tamper with safety devices. Check

their proper operation regularly.

3. Keep machine free of grass, leaves, or other debris build-up.
4. If you strike a foreign object, stop and inspect the machine. Repair, if necessary, before starting.
5. Never make any adjustments or repairs with the motor running.
6. Always unplug electric mowers before adjusting, cleaning, or repairing.
7. Check grass catcher components and the discharge guard frequently and replace with manufacturer's recommended parts, when necessary.
8. Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.
9. Maintain or replace safety and instruction labels, as necessary.

Safe operation practices for walk-behind mowers

1. Safety Instructions

1.1 Training

- a) Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
- b) Never allow children to operate a power mower.
- c) Keep the area of operation clear of all persons, particularly small children, and pets.
- d) Do not use a mower for any job except that for which it is intended.

1.2 Preparation

- a) Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- b) Do not operate the equipment when barefoot or wearing sandals. Always wear substantial footwear.
- c) Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the motor.
- d) Never attempt to make a wheel height adjustment while the motor is running.
- e) Mow only in daylight or in good artificial light.

- f) Never operate the equipment on wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

1.3 Operation

- a) Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- b) Stop the blade(s) when crossing gravel drives, walks, or roads.
- c) After striking a foreign object, stop the motor, unplug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
- d) If the equipment should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
- e) Stop the motor and unplug whenever you leave the equipment, before cleaning the mower housing, and before making any repairs or inspections.
- f) Shut the motor off and wait until the blade comes to a complete stop before removing the grass catcher or before unclogging the chute.
- g) Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
- h) Never operate the mower without proper guards, plates, or other safety protective devices in place.
- i) Do not wash with a hose, avoid getting water in motor and electrical connections.

1.4 Maintenance

- a) Check the blade and the motor mounting bolts at frequent intervals for proper tightness.
- b) Keep al nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- c) Check bag frequently for deterioration and wear, and replace worn bags. Check that replacement bags comply with the original manufacturer’s recommendations or specifications.

- d) Replace the blade if it is bent or cracked. An unbalanced blade causes vibration that could damage the motor drive unit or cause personal injury.
- e) Sharpen a dull blade equally at each end to maintain the balance.
- f) Clear the blade thoroughly and check its balance by supporting it horizontally on a thin nail through its centre hole. The mail should also be in a horizontal position. If either end of the blade rotates downward, remove some metal from the heavy or lower end until the blade is balanced. It is balanced when neither end drops.

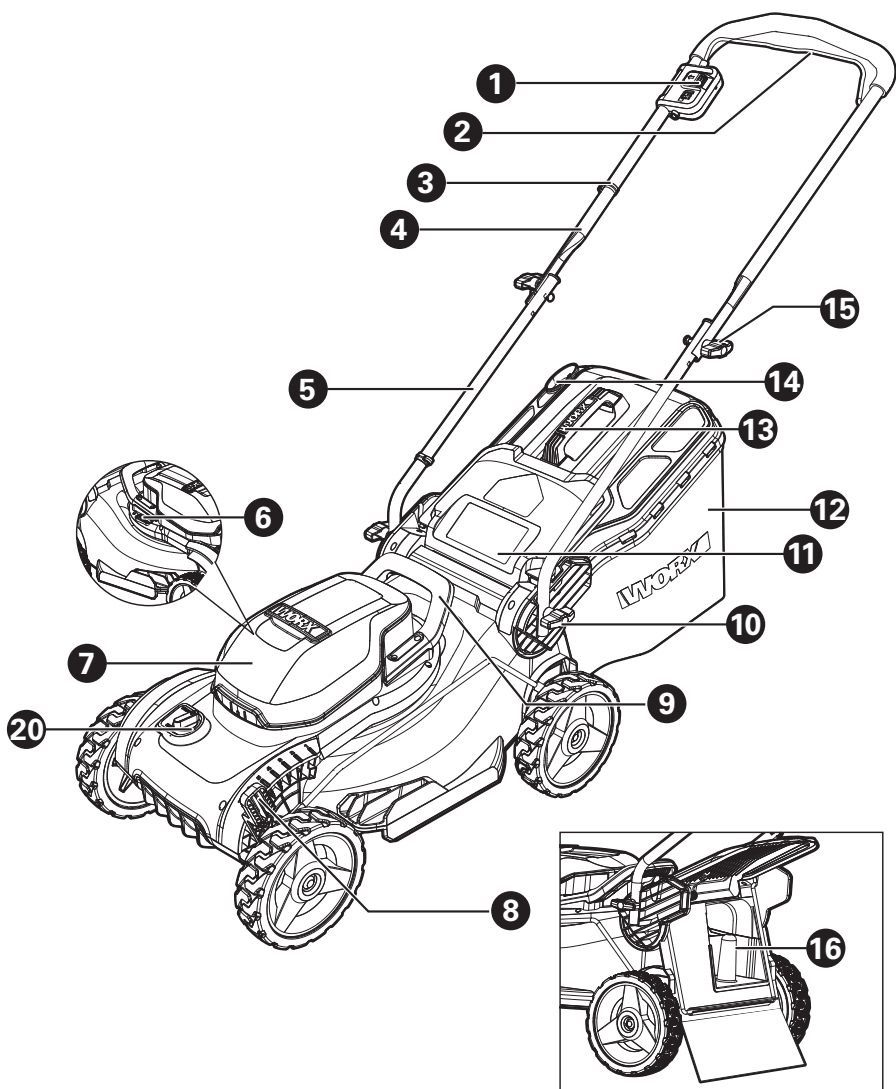
SAVE THESE INSTRUCTIONS

SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	Keep bystanders away.
	Beware of sharp blades. Blades continue to rotate after the motor is switched off- Remove disabling device before maintenance
	CPSC Danger label.
	Severing of toes or fingers-Rotary mower blade.
	Thrown objects from mower deck.

	Keep bystanders/children away.
	Safety alert.
	Slip on slope.
	Read the operator's manual.
	Look behind while backing
	Li-Ion battery, battery must be recycled
	Do not burn
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.
	call2recycle® POSITEC Inc. has established a partnership with the RBRC Corporation to recycle any Positec batteries with the RBRC-call2recycle seal. For environmental protection, please do not discard batteries in the trash. After the batteries' life cycle is ended, then please call 1-800-822-8837 for a free service that will properly dispose of the battery.

	Wear protective gloves
	Remove battery from the socket before carrying out any adjustment, servicing or maintenance.
	Blade continues to rotate after the machine is switched off. Wait until all machine components have completely stopped before touching them
	Remove the key



- | | |
|-----|---------------------------------------|
| 1. | SAFETY KEY |
| 2. | BAIL HANDLE |
| 3. | CABLE CLIP |
| 4. | UPPER HANDLE |
| 5. | LOWER HANDLE |
| 6. | BATTERY POWER INDICATOR |
| 7. | BATTERY PACK COVER |
| 8. | CUTTING HEIGHT ADJUSTMENT KNOB |
| 9. | CARRY HANDLE |
| 10. | HANDLE KNOB, LOWER |
| 11. | SAFETY FLAP |
| 12. | GRASS COLLECTION BAG |
| 13. | BAG HANDLE |
| 14. | GRASS BAG INDICATOR |
| 15. | HANDLE KNOB, UPPER |
| 16. | MULCHING INSERT |
| 17. | BATTERY PACK (SEE FIG. E) * |
| 18. | BLADE BOLT (SEE FIG. N1) |
| 19. | BLADE (SEE FIG. N1) |
| 20. | INTELLICUT DIAL |

* Not all the accessories illustrated or described are included in standard delivery.

TECHNICAL DATA

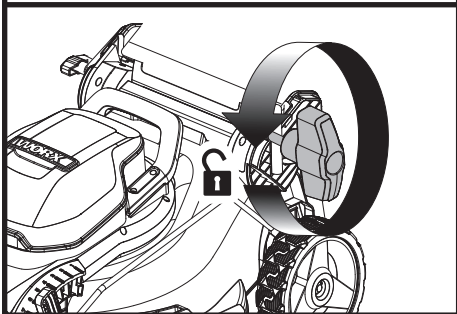
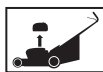
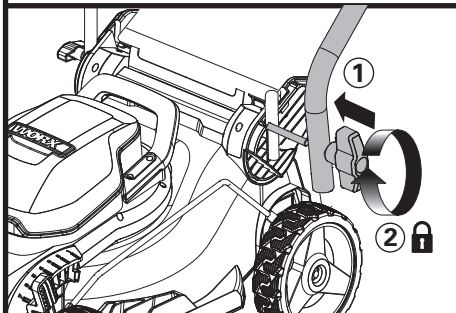
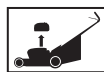
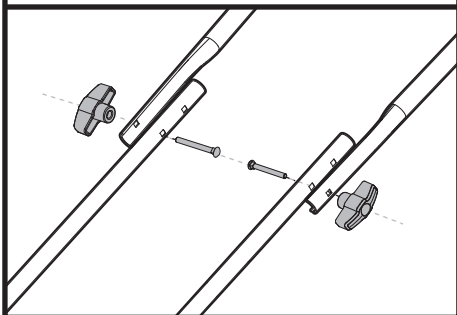
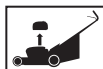
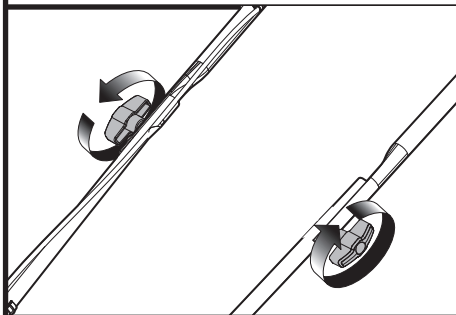
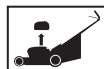
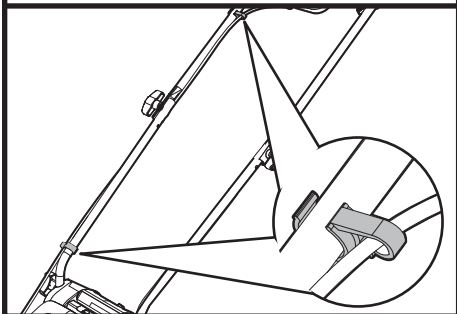
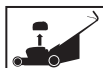
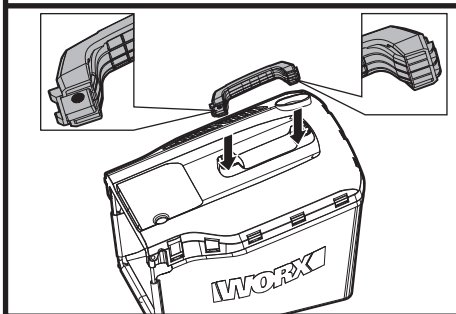
Type	WG743	WG743.9
Voltage	40V  Max.(2x20V Max.)**	
No load speed	2800 / 3000 spm	
Deck diameter	17"(43cm)	
Cutting diameter	16"(40cm)	
Front wheel diameter	7.5"(190mm)	
Rear wheel diameter	8"(200mm)	
Cutting height	1-1/2" - 4"(40-100mm)	
Cutting height positions	7	
Grass collection capacity	1.2bushels (45L)	
Battery type	Lithium-ion	/
Battery Model	WA3578(4.0Ah)	/
Charger Model	WA3884	/
Charger rating	Input: 120V~60Hz Output 1: 20V  , 2.0A *** Output 2: 20V  , 2.0A ***	/
Charging time (approx.) Battery pack: 2.0 Ah (1pc) 2.0 Ah (2pcs) 4.0 Ah (1pc) 4.0 Ah (2pcs)	0.5 hr 1 hr 1 hr 2 hrs	/
Machine Weight	35.3 lbs	32.2 lbs

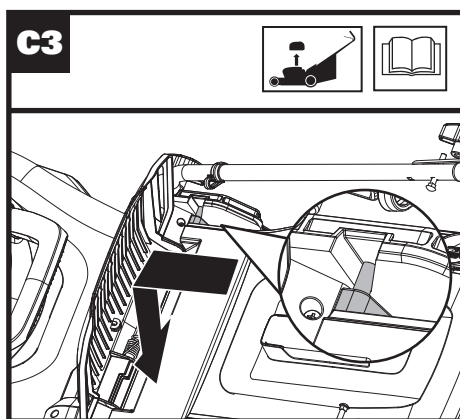
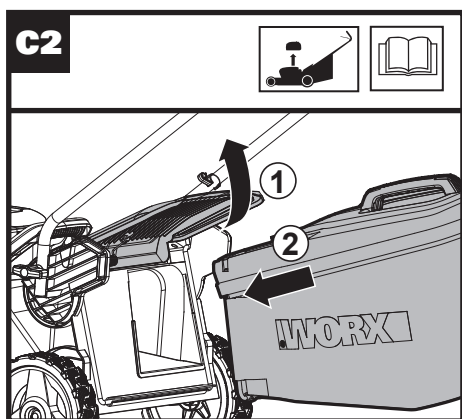
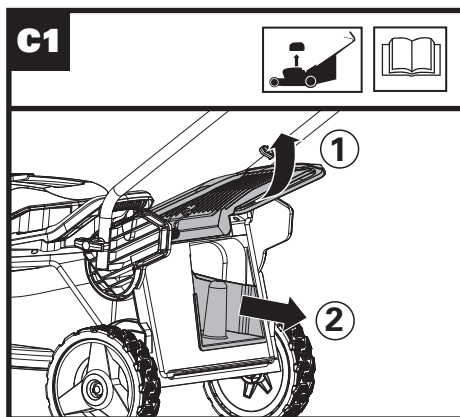
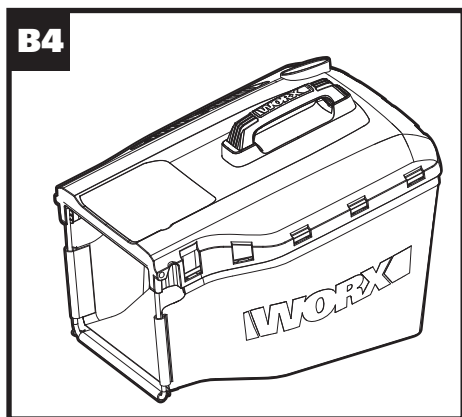
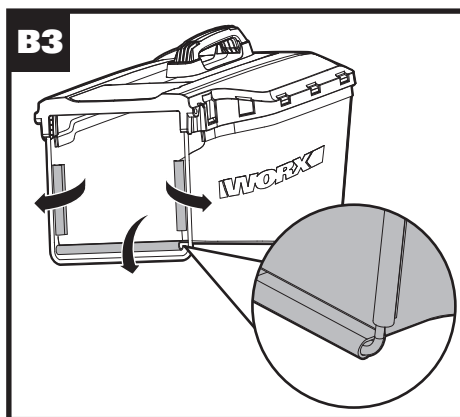
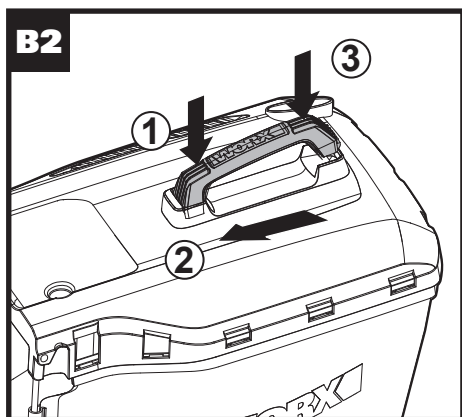
** Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.
*** Charger output 1 and output 2 mean two ports with the same output voltage and current.

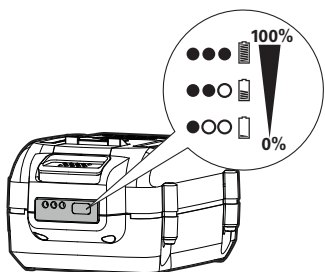
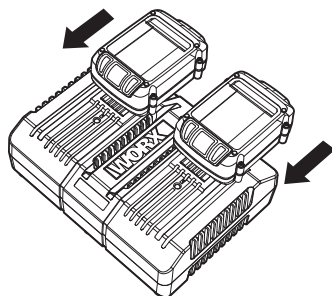
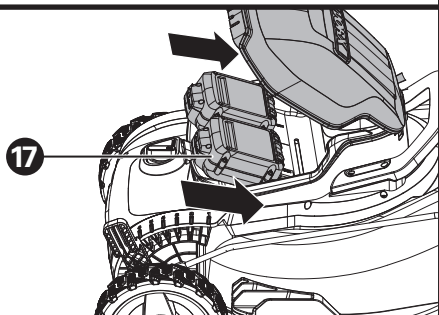
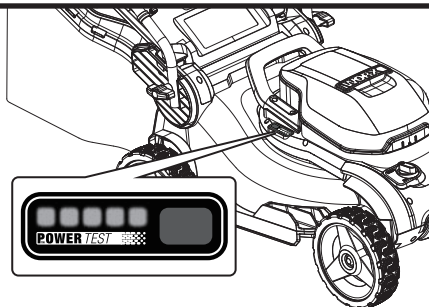
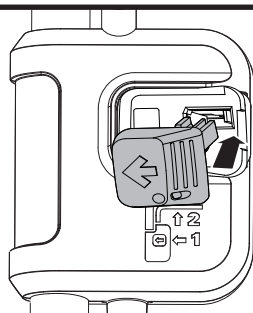
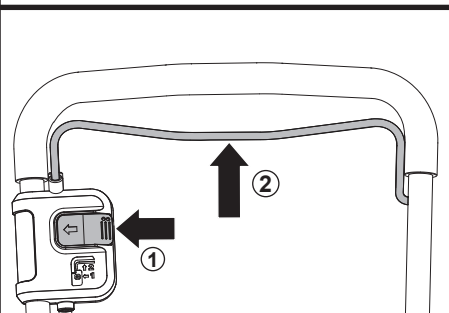
ACCESSORIES

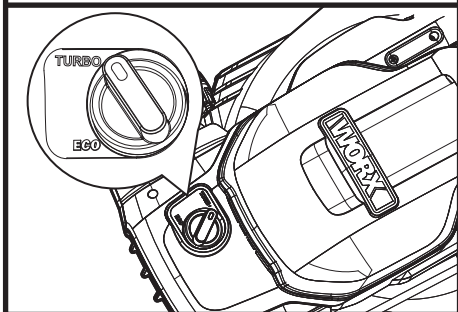
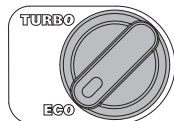
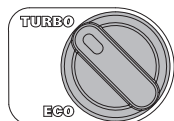
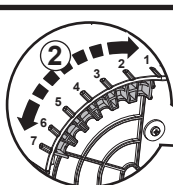
	WG743	WG743.9
Battery pack (WA3578)	2	/
Charger (WA3884)	1	/
Grass collection bag	1	
Mulching insert	1	
Cable clips	2	
Handle knobs	4	

We recommend that you purchase your accessories listed in the above list from the same store that sold you the power tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

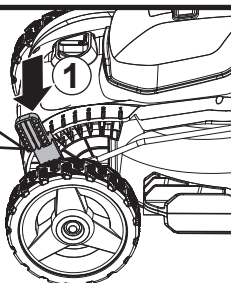
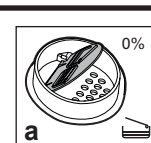
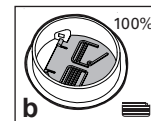
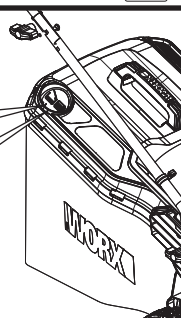
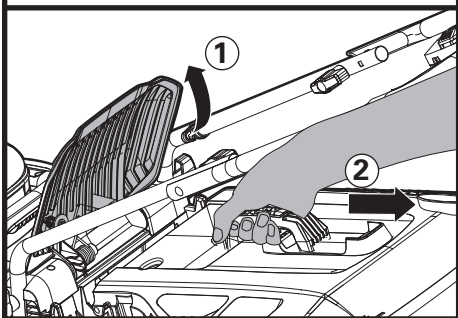
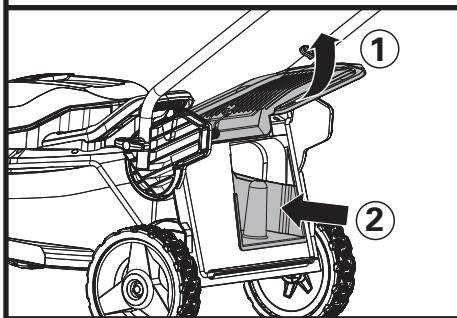
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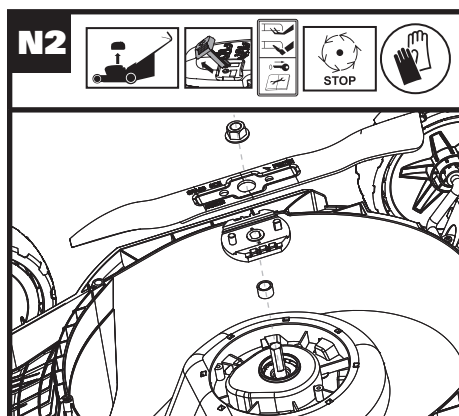
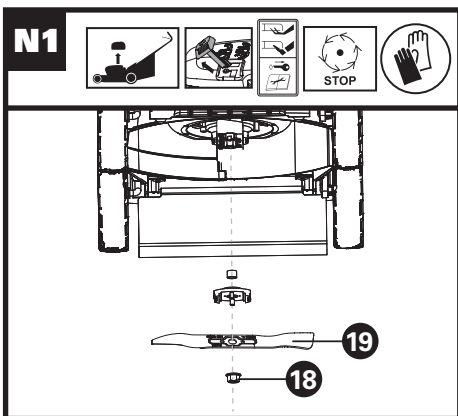
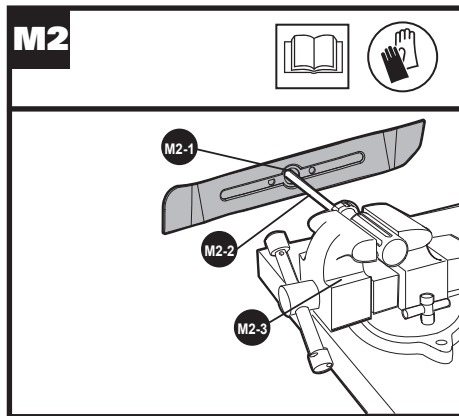
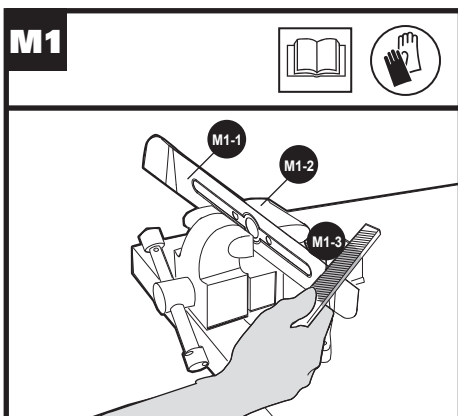
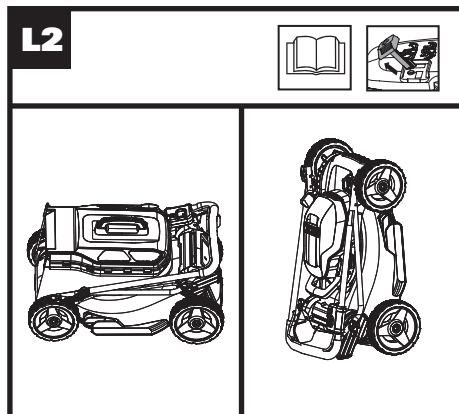
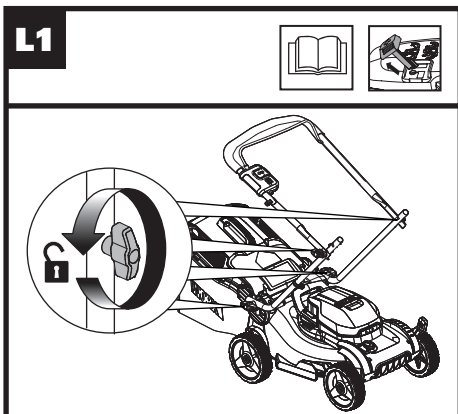


D1**D2****E****F****G1****G2**

H1**H2****ECO****TURBO****I**

- 1 — 1-1/2" (40mm)
- 2 — 2" (50mm)
- 3 — 2-3/8" (60mm)
- 4 — 2-3/4" (70mm)
- 5 — 3-1/8" (80mm)
- 6 — 3-1/2" (90mm)
- 7 — 4" (100mm)

**J1****a****b****J2****K**



OPERATION INSTRUCTION



NOTE: :To reduce the risk of injury, user must read instruction manual

Intended Use

This product is intended for domestic lawn mowing.

ASSEMBLY AND OPERATION

ACTION	FIGURE
ASSEMBLY	
Assembling the handle bar NOTE: Choose one of the two holes in the lower handle for desired handle's height.	See Fig. A1, A2, A3, A4, A5
Assembling grass collection bag	See Fig. B1, B2, B3, B4
Fitting grass collection bag to the lawn mower NOTE: Depress the grass collection bag slightly to ensure that it is completely installed. NOTE: Take the mulching insert out of the lawn mower before fitting the grass collection bag.	See Fig. C1, C2, C3
Checking the battery charge condition NOTE: Fig. D1 only applies for the battery pack with battery indicator light.	See Fig. D1
Charging the battery pack NOTE: The batteries are shipped uncharged. Each battery must be fully charged before the first mow. Always fully charge the two batteries at same time. More details can be found in charger's manual.	See Fig. D2

Fitting/removing battery NOTE: This machine will only run when 2 batteries are installed. It is recommended to use the same two batteries and charge the two batteries at the same time. Using two different sized batteries or if one battery isn't fully charged then the machine will only run to the lowest common denominator.	See Fig. E
OPERATION	
Battery power indicator on the machine See details in BATTERY STATUS part IMPORTANT When only one light is illuminated, at least one battery is depleted and needs to be charged, even though the mower may still be capable of cutting grass. Continuing to operate your lawnmower with the battery in this discharged condition may reduce the life and performance of your battery. When no light is illuminated, at least one battery is not fully installed or battery may be defective, please double check the batteries are fully seated into position.	See Fig. F
Starting & stopping	See Fig. G1, G2
Selecting the INTELLICUT DIAL ECO MODE Set the Intellicut Dial to ECO mode when mowing in everyday conditions, removing approximately 1 inch of grass at a time. TURBO MODE Set the Intellicut Dial to POWER mode when cutting dense or overgrown grass.	See Fig. H1,H2
Adjusting the Cutting Height	See Fig. I

Grass bag filling indicator Empty status: flap floats (a)	See Fig. J1
	
Fully status: flap falls down (b)	See Fig. J2
	
Removing/emptying grass collection bag	See Fig. K
 WARNING! Always check the safety flap close the discharge outlet before using. Never lift the safety flap when the lawn mower is being used without fitted grass collection bag.	
Installing the mulching insert	See Fig. L1, L2
Storage WARNING: Always remove the battery and safety key when inverted storage.	

BATTERY STATUS (See Fig. F)

Before starting or after use, press the button beside the power indicator light on the machine to check the battery capacity. During operation, the battery capacity will be indicated automatically by the battery power indicator.

The indicator constantly senses and displays the battery condition as follows.

For the machine with 2 battery packs with different power, the power indicator light displays the battery condition with the lower one of the two batteries.

Battery power indicator status	Battery condition
Five green lights  are illuminated.	The two batteries are in a highly charged condition.

Two, three or four green lights are illuminated.	The two batteries have a remaining charge. The more lights are illuminated, the more battery capacity.
Only one green light  is illuminated.	At least one battery is almost depleted and needs to be charged.
No light is illuminated.	At least one battery is not fully installed or battery may be defective.
Only one light is flashing twice per cycle.	At least one battery is over discharged (please refer to the battery charge condition), please recharge the two batteries at once before use again or storage.
Only one light is flashing three times per cycle.	At least one battery is hot, wait for them cool down before start again.
Only one light is flashing four times per cycle.	The machine is over load. Raise the cutting height or push slowly.

MOWING TIPS

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

1. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes. Always maintain good footing.
2. Release bail handle to turn mower "OFF" when crossing any graveled area (stones can be thrown by the blade).
3. Set mower at highest cutting height when mowing in rough ground or in tall weeds. Removing too much grass at one time can cause circuit breaker to trip, which stops mower.
4. If a grass bag 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" and remove the safety key. Remove the grass bag 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 collection bag.
- If mower should start to vibrate abnormally, release bail handle to turn mower "OFF" and remove safety key. Check immediately for cause. Vibration is a warning of trouble. Do not operate mower until a service check has been made.
- 6. ALWAYS RELEASE BAIL HANDLE TO TURN MOWER "OFF" AND REMOVE SAFETY KEY WHEN LEAVING IT UNATTENDED EVEN FOR A SHORT PERIOD OF TIME.**

CUTTING AREA

The cutting area can be affected by several factors, such as cutting height, lawn humidity, grass length and density. Besides, starting and stopping the mower too many times during operation will reduce the cutting area. The below table provides the potential cutting areas based on specific cutting conditions.

Cutting Height	Recommend lot size (maximum)
Cutting off 3-1/8"(8cm) to 2-3/8"(6cm)	With 2*20V / 4.0Ah batteries
	up to 5500 sq.ft. (500m ²) *

* Used with two fully charged battery packs.

TIPS:

- It is recommended to mow your lawn more frequently, walk at normal pace, and not to start/stop the mower too often during operation. Please always use the same two batteries and charge the two batteries at same time.
- For best performance, please ensure use a fully charged battery pack and always

- cut off 1/3 or less of the grass height.
- Walk slowly when cutting long grass, so as to have more effective cutting and properly discharge the clippings.
- Avoid cutting wet grass, otherwise it will stick to the underside of the deck and the clippings cannot be collected or discharged properly.
- A higher cutting height shall be applied to new or thick grass and it will extend the battery duration.

MAINTENANCE



WARNING: Stop the mower and remove the safety key before removing the grass bag.

NOTE: To ensure long and reliable service, perform the following maintenance procedures regularly. Check for obvious defects such as a loose, dislodged or a damaged blade, loose fittings, and worn or damaged components. Check that the covers and guards are all undamaged and are correctly attached to mower. Carry out any necessary maintenance or repairs before operating mower. If the mower should happen to fail despite regular maintenance, please call our customer helpline for advice.

BLADE SHARPENING

KEEP BLADE SHARP FOR BEST MOWER PERFORMANCE.

WEAR PROPER EYE PROTECTION WHILE REMOVING, SHARPENING, AND INSTALLING BLADE. ENSURE THAT SAFETY KEY IS 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.

NOTE:

- 1. Be sure the mower is turned off and remove the key.
- 2. Place the mower in stand up storage mode.

TO SHARPEN BLADE IN A VISE (SEE Fig. M1)

- 1. Be sure the bail handle is released, the blade has stopped and the safety key removed before removing the blade.
- 2. Remove blade from mower. See instructions for removing and attaching blade.
- 3. Secure blade M1-1 in a vise M1-2.
- 4. Wear safety glasses and be careful not to cut yourself.
- 5. Carefully file the cutting edges of the blade with a fine tooth file M1-3 or sharpening stone.
- 6. Check balance of blade. See instructions for blade balancing.
- 7. Replace blade on mower and tighten securely. Refer to instructions below.

BLADE BALANCING (SEE Fig.M2)

Check balance of blade by placing center hole in blade M2-1 over a nail or screwdriver shank M2-2, clamped horizontally in a vise M2-3. If either end of the blade rotates downward, file that end. Blade is properly balanced when neither end drops.

BLADE MAINTENANCE (SEE FIG. N1, N2)

Renew your metal blade after 50 hours mowing or 2 years, whichever is the sooner regardless of condition.

Follow these procedures to remove and replace the blade. You will need garden gloves (not provided) and a spanner wrench (not provided) to remove the blade. Hold the blade (19) and unscrew the blade bolt (18) counter-clockwise using a spanner wrench, and then remove blade.
To re-assemble, position the blade (19) with the cutting edges towards the ground. Then securely tighten the blade bolt (18).

STORAGE (SEE Fig. L1, L2)

Stop the mower and always remove the safety key. Clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents or polishes. Remove all grass and debris, especially from the ventilation slots.
Turn the machine on its side and clean the blade area. If grass cuttings are compacted in the blade area, remove with a wooden or plastic implement.
Store the machine in a dry place. Do not place other objects on top of the machine.
To aid storage, release the Lock Cam Lever, and fold the upper handle as shown in Fig. L1, L2.

For Battery tools
The ambient temperature range for the use and storage of tool and battery is 0°C-45°C (32°F-113°F).
The recommended ambient temperature range for the charging system during charging is 0°C-40°C (32°F-104°F).

TROUBLE SHOOTING

Problem	Solution
1. Mower doesn't run when bail handle is activated.	A. Check to make sure safety key has been installed and is fully seated and that button on switch housing is being completely pushed. B. Release Bail handle to turn mower off. Remove safety key, turn mower over and check that blade is free to turn. If not free, return to an authorized servicer. Blade should turn freely. C. Has battery been fully charged? Plug in charger and wait for green light to come on.

2. Motor stops while mowing.	A. Release Bail handle to turn mower off. Remove safety key, turn mower over and check that blade is free to turn. If not free, return to an authorized servicer. Blade should turn freely. B. Raise cutting height of wheels to highest position and start mower. C. Has battery been fully charged? Plug in charger and wait for green light to come on. D. Avoid overloading the mower. Slow down the cutting pace by pushing mower slower or raise the cut height. Or both.
3. Mower runs but cutting performance is unsatisfactory, or does not cut entire lawn.	A. Has battery been fully charged? Plug in charger and wait for green light to come on. B. Release Bail handle to turn mower off. Remove safety key. Turn mower over and check: Blade for sharpness - Keep blade sharp. Deck and discharge chute for clogging. C. Wheel height adjustment may be set too low for grass condition. Raise cutting height.
4. Mower is too hard to push.	A. Raise cutting height to reduce deck drag on grass. Check each wheel for free rotation.
5. Mower is abnormally noisy and vibrates.	A. Release Bail handle to turn mower off. Remove safety key. Turn mower on side and check blade to ensure it has not been bent or damaged. If blade is damaged, replace with a replacement blade. If the underside of the deck is damaged return mower to an Authorized service center. B. If there is no visible damage to the blade and the mower still vibrates: Release Bail handle to turn mower off, remove safety key and remove blade. Rotate blade 180 degrees and retighten. If mower still vibrates, return the mower to an authorized service center.
6. Battery charger LED's not on.	A. Check plug connection. B. Replace charger.
7. Battery charger LED does not flip to green.	A. Battery needs to be diagnosed. Take to authorized service center.
8. Mower not picking up clippings with the Grass Collection Bag.	A. Remove mulch plate when bagging. B. Chute clogged. Release Bail handle to turn mower off. Remove safety key. Clear chute of grass clippings. C. Too much cut grass. Raise cutting height of wheels to shorten length of the cut. D. Bag full. Empty bag more often.
9. When mulching there are clippings visible.	A. Too much cut grass. Raise cutting height of wheels to shorten length of the cut. Do not cut off more than 1/3 of total length. B. Check blade for sharpness. Always keep blade sharp.
10. Low or diminished run-time after many uses.	A. Return to Authorized Service location - may need new battery.
11. The battery charger LED flashes red and the battery can't be charged.	A. The battery overheats after continuous use. Remove battery from the charger and allow it to cool to 42°C or less.