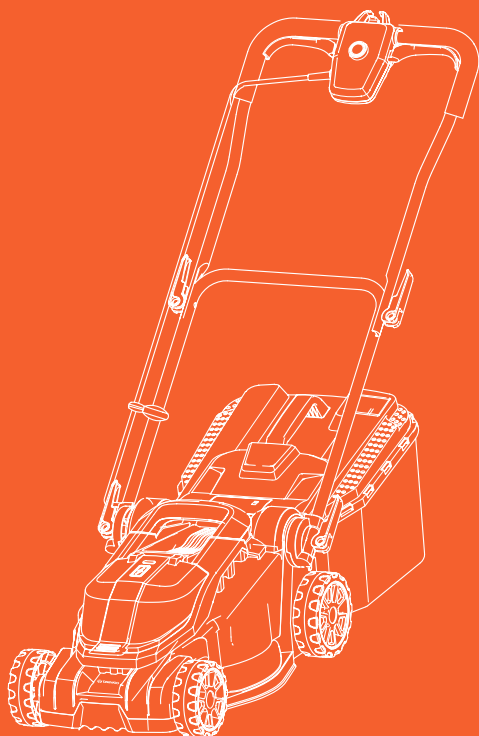




DAEWOO
POWER PRODUCTS

DALLM18-360K

Cordless Lawn Mower



USER'S MANUAL

www.daewoopowerproducts.com

Manufactured under license of Daewoo International Corporation, Korea

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1. GENERAL IDENTIFICATION

- | | |
|-----------------------|-------------------|
| 1. Upper handle | 9. Motor cover |
| 2. Safety push-button | 10. Lower handle |
| 3. Switch box | 11. Cable clamp |
| 4. Locking knob | 12. Switch handle |
| 5. Key | 13. Wheel |
| 6. Grass catcher | 14. Battery cover |
| 7. Deck | 15. Battery |
| 8. Upper deck | 16. Charger |



**WARNING**

Read and understand all instructions. Save these instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

KNOW YOUR LAWN MOWER

Read this manual carefully, observing the recommended safety instructions before, during and after using your lawn mower. Following these simple instructions will also maintain your lawn mower in good working order. Familiarize yourself with the controls on your mower before attempting to operate it, but above all, be sure you know how to stop your mower in an emergency. Retain this user manual and all other literature with your mower for future reference.

2. SYMBOLS MARKED ON THE PRODUCT

Read this instruction book carefully before using the lawn mower and keep it in a safe place for future reference.



Keep bystanders away.



Beware of sharp blades. Blades continue to rotate after the motor is switched off. Remove the key from the machine before maintenance or if cord damaged.



Keep the supply exible cord away from the cutting blades.



CE Marking

The product meets demands and regulations set by the European Community.



WEEE Marking

CAUTION! Unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.



Noise level marking

Your tool noise is not more than 96dB.



SAFETY ALERT SYMBOL: Indicates caution or warning may be used in conjunction with other symbols or pictures.

3. GENERAL SAFETY RULES

The purpose of the safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. Save owners manual and review frequently for continuing safe operation and instructing others who may use this tool.



WARNING: This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.



WARNING: The operation of any tool can result in foreign objects being thrown into your eyes, which can result in eyes severely damaged. Before beginning power tool operation, always wears safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield.

IMPORTANT

READ CAREFULLY BEFORE USE.

KEEP FOR FUTURE REFERENCE.

- 1) Read the instructions carefully. Be familiar with the controls and the proper use of the equipment;
- 2) Never allow children or people unfamiliar with these instructions to use the lawnmower. Local regulations can restrict the age of the operator
- 3) Never mow while people, especially children, or pets are nearby;
- 4) Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- 5) While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals; Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- 6) Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown by the machine.
- 7) Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance. Replace damaged or unreadable labels.

- 8) mow only in daylight or in good artificial light;
 - 9) avoid operating the equipment in wet grass, where feasible;
 - 10) Always be sure of your footing on slopes;
 - 11) Walk, never run;
 - 12) For wheeled rotary machines; mow across the face of slopes, never up and down;
 - 13) exercise extreme caution when changing direction on slopes;
 - 14) Do not mow excessively steep slopes;
 - 15) Use extreme caution when reversing or pulling the lawnmower towards you.
 - 16) Stop the blades if the lawn mower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the lawn mower to and from the area to be mowed.
 - 17) Never operate the lawnmower with defective guards, or without safety devices, for example deflectors and/or grass catchers, in place;
 - 18) Start or switch on the motor carefully according to instructions and with feet well away from the blades.
 - 19) Do not tilt the lawnmower when starting switching on the motor, except if the lawnmower has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator.
 - 20) Do not start the motor when standing in front of the discharge chute.
 - 21) Do not put hands or feet near or under rotating parts, Keep clear of the discharge opening at all times.
 - 22) Never pick up or carry a lawnmower while the motor is running.
 - 23) Stop the motor and Pull out the key, Make sure that all moving parts have come to a complete stop.
 - whenever you leave the machine.
 - before clearing blockages or unclogging chute.
 - before checking, cleaning or working on the lawnmower.
 - after striking a foreign object. Inspect the lawnmower for damage and make repairs before restarting and operating the lawnmower.
- If lawnmower starts to vibrate abnormally (check immediately);
- inspect for damage.

- replace or repair any damage parts.
 - check for and tighten any loose parts.
- 24) Stop the mower:
- whenever you leave the lawnmower.
- 25) keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
- 26) check the grass catcher frequently for wear or deterioration;
- 27) Replace worn or damaged parts for safety.
- 28) Children are not allowed to use the machine.
- 29) This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 30) Be careful during adjustment of the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- 31) Always allow the machine to cool before storing.
- 32) When servicing the blades be aware that, even though the power source is switched off, the blades can still be moved.
- 33) Replace worn or damaged parts for safety; Use only genuine replacement parts and accessories.
- 34) Be careful during adjustment of the appliance to prevent entrapment of the fingers between moving blades and fixed parts of appliance.

4. TECHNICAL DATA

Model:	QT3025A,	QT3060A
Battery Voltage:	18VDC	18VDC
Battery Capacity:	4AH,L-ion	4AH,L-ion
Battery Charge Time Max:	2.5H	2.5H
Battery Run Time Max:	40min	40min

No Load Speed:	3500/min	3500/min
Grass catcher capacity	30L,	35L
Cutting Width:	320mm;	360 mm
Net weight:	9.0kgs,	11.3kgs,
Degree of protection against liquid:	IPX1	IPX1
Height adjustment :	20-35-50mm,3adjustment	

Sound pressure level at the operator's position	79.8dB(A) K=3 dB(A)	80.9dB(A) K=3 dB(A)
Measured sound power level	90.4dB(A) K= 2.26 dB(A)	91.2dB(A) K=1.85 dB(A)
Guaranteed Sound Power level	96dB(A)	
Vibration	Max:2.25m/s ² K=1.5 m/s ²	Max:2.67m/s ² K=1.5 m/s ²

5. ASSEMBLY

5-1 ASSEMBLY THE FOLDING HANDLE

A) Fix the lower handlebars into the unit body with locking knobs as Fig. 2A,/Fig.2B/Fig.2C shown.

B) Connect the upper handle and the lower handle with the locking knob. (Fig.2D/Fig.2E/Fig.2F)

C).Attach the cable clamp to the position shown and then attach the cable (Fig.2G).



Fig.2A



Fig.2B



Fig.2C

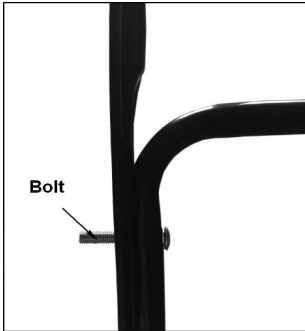


Fig.2D

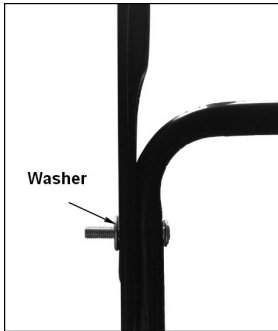


Fig.2E

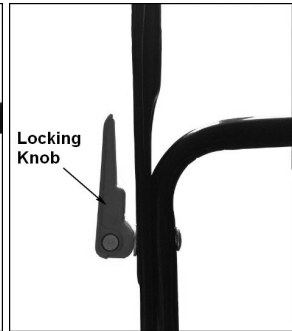


Fig.2F

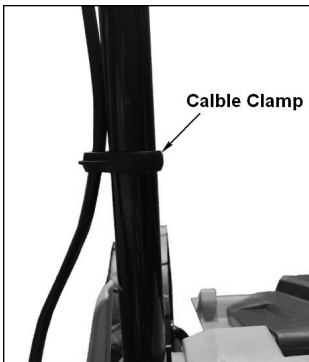


Fig.2G

5-2 ASSEMBLY THE GRASS CATCHER

1. To fit: Raise the rear cover and hitch the grass catcher on rear of mower. (Fig.3A/Fig.3B/Fig.3A1/Fig.3B1/Fig.3C1)

2. To remove: grasp and lift the rear cover, remove grass catcher.

For QT3060A

There is a level indicator on the top of the grass catcher that shows whether the catcher is empty or full :

- The level indicator inflates if the catcher is not full during the moving. (Fig. 3E)

- If the catcher is full, the indicator collapses; once this happens, stop moving immediately and empty the catcher, make sure it is clean and ensure its meshwork is ventilated. (Fig. 3D)



IMPORTANT:

If the position of indicator opening is very dirty, the indicator will not inflate-in this case, clean the position of indicator opening immediately.



Fig.3A



Fig.3B



Fig.3A1

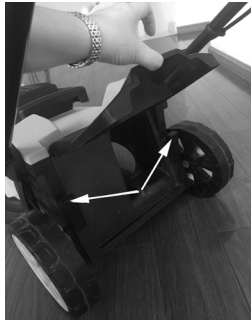


Fig.3B1



Fig.3C1



Fig.3D



Fig.3E

6. ADJUSTMENT OF CUTTING HEIGHT

Apply to different height of grass, lawnmower can adjust height at 3 positions(20-35-50mm). Pls adjust four wheels to the same lever to make the lawn mower steady.

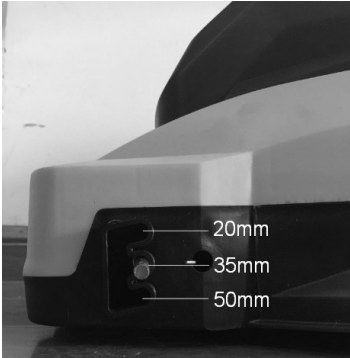


Fig. 4A

7. ADJUSTMENT OF HANDLE HEIGHT

The handle of lawn mower is adjustable, it can be suit for different people.(Fig. 5A)

When the cutting height is adjust at 20mm, the handle height can be adjust from 84cm to 98cm, 3 position.(Fig.5B, Fig.5C, Fig.5D)

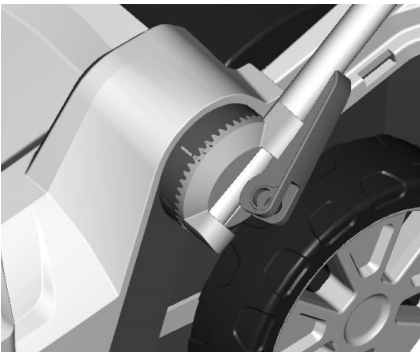


Fig.5A

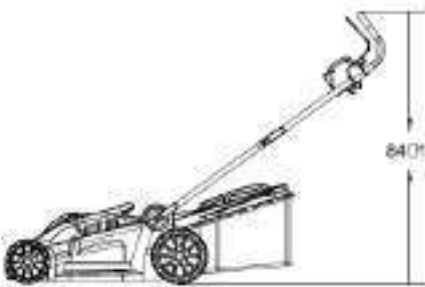


Fig. 5B

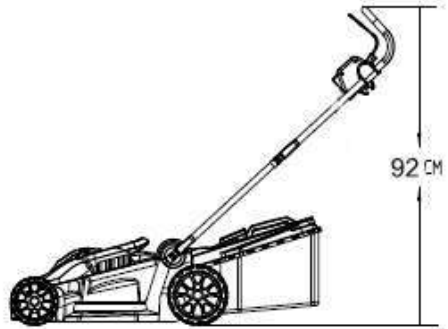


Fig.5C

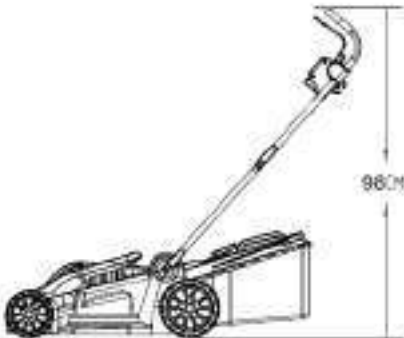


Fig.5D



WARNING: Make this adjustment only when the blade is stopped.

8. SAFETY PRECAUTIONS

- a) Always operate with the deflector or grass catcher in the correct position.
- b) Always stop the motor before removing the grass catcher or adjusting the height of cutting position.

1. Before mowing, remove all foreign objects from the lawn which may be thrown by the machine.

While mowing, stay alert for any foreign objects which may have been

missed. (Fig.6A)

2. Never lift the rear of the mower while starting the motor or during normal operation. (Fig.6B)

3. Never place your hands or feet underneath the underpan or into the rear discharge chute while the motor is running. (Fig.6C)

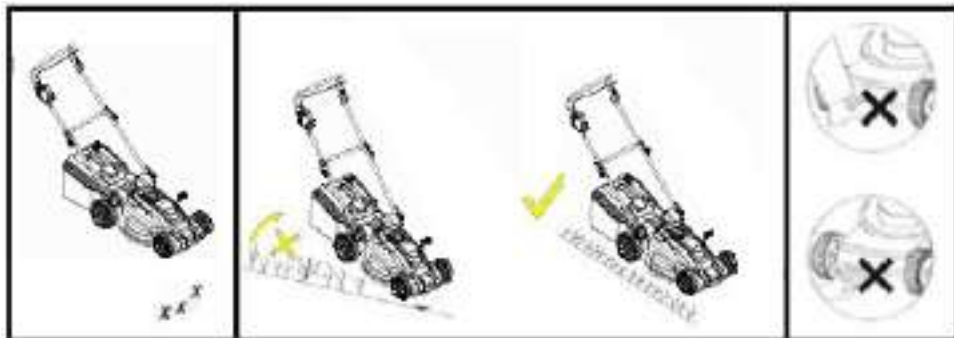


Fig.6A

Fig.6B

Fig.6C

9. STARTING

9.1 STARTING

Start the motor as follows (Fig 7A,)

- Press the safety push-button (1).
- And meanwhile, pull the switch handle (2), and keep it in grasp.



Fig.7A

If you release the switch handle, the motor will stop.

 **CAUTION!** The blade starts turning as soon as the motor is started.

 **WARNING!** Cutting elements continue to rotate after the motor is switch off.

9.2 FOR THE BEST RESULTS WHEN MOWING

Clear lawn of debris. Be sure that the lawn is clear of stones, sticks, wire or other foreign objects which could be accidentally thrown out by the mower in any direction and cause serious personal injury to the operator and others as well as damage to property and surrounding objects. Do not cut wet grass. For effective mowing do not cut wet grass because it tends to stick to the underside of the deck preventing proper mowing of the grass clippings. Cut no more than 1/3 the length of the grass. The recommended cut for mowing is 1/3 the length of the grass. Ground speed will need to be adjusted so the clippings can be dispersed evenly into the lawn. For especially heavy cutting in thick grass it may be necessary to use one of the slowest speeds in order to get a clean well mowed cut. When mowing long grass you may have to cut the lawn in two passes, lowering the blade another 1/3 of the length for the second cut and perhaps cutting in a different pattern than was used the first time. Overlapping the cut a little on each pass will also help to clean up any stray clippings left on the lawn. The mower should always be operated at full throttle to get the best cut and allow it to do the most effective job of mowing. Clean underside of deck. Be certain to clean the underside of the cutting deck after each use to avoid a build-up of grass, which would prevent proper mulching. Mowing leaves. The mowing of leaves can also be beneficial to your lawn. When mowing leaves make sure they are dry and are not laying too thick on the lawn. Do not wait for all the leaves to be off the trees before you mow.

 **WARNING:** if you strike a foreign object, stop the motor. Thoroughly inspect the mower for any damage and repair the damage before restarting and operating the mower. Extensive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

10. BLADE

The blade is made of pressed steel. It will be necessary to reshape it frequently (with a grind wheel).

Ensure that it is always balanced (an unbalanced blade will cause dangerous vibrations). To check for balance, insert a round rod through the central hole and support the blade horizontally. A balance blade will remain horizontal. If the blade is not balanced the heavy end will rotate downwards. Reshape the heavy end until the blade is currently balanced. To remove the blade (1), unscrew the blade screw (2). and replace any parts, which are damaged.

When reassembling, make sure that the cutting edges face in the direction of the motor rotation. The blade screw (2) must be torque to 20N.m.



WARNING: For service, replace the blade with QY blade: 7075-303501

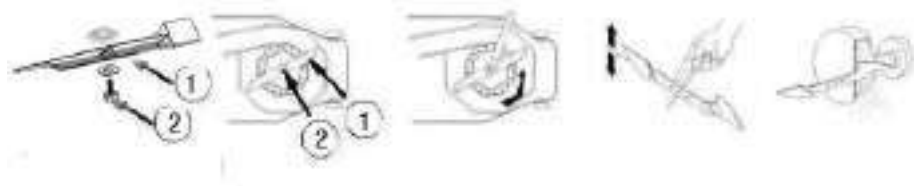


Fig.8



WARNING: Protect hands by using heavy gloves or a rag to grasp the cutting blades when replace the blade.

11. MAINTENANCE AND CARE

Expert inspection is required, do not make any adjustment by yourself, must contact to customer Service centre:

- a) if the lawn mower strikes an object.
- b) if the motor stops suddenly
- c) if the blade is bent (do not align!)
- d) if the motor shaft is bent (do not align!)
- e) if a short-circuit occurs when the cable is connected.

- f) If the gears are damaged.
- g) If the V-belt is defective.
- h) Use only manufacturer's recommended replacement parts and accessories.

12. TROUBLESHOOTING

Fault	Remedial action
Motor does not run	-Start on short grass or on an area which has already been mown. -Clean discharge channel/housing –the mowing blade must rotate freely. -Correct the cutting height. -Check motor carbon brush, if discover finished, please replace
Motor power drops	-Correct the cutting height. -Clean discharge channel/housing -Have mowing blade resharpened /replaced → customer Service centre.
Grass catcher is not filled	-Correct the cutting height -Allow the lawn to dry -Have mowing blade resharpened /replaced → customer Service centre. -Clean the grille on the grass catcher -Clean the discharge channel /housing

CAUTION! Faults which can not be rectified with the aid of this table may be rectified by a specialist company only (customer service centre).

13. ENVIRONMENTALLY FRIENDLY DISPOSAL



According to EU directive 2012/19/EU on electric and electronic equipment and its implementation into national law, all electric tools must be separately collected and environmentally friendly recycled. Alternative disposal: If the owner of the power tool does not return the tool to the manufacturer, he is responsible for proper disposal at a designated collection point that prepares the device for recycling according to national recycling laws and regulations.



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