

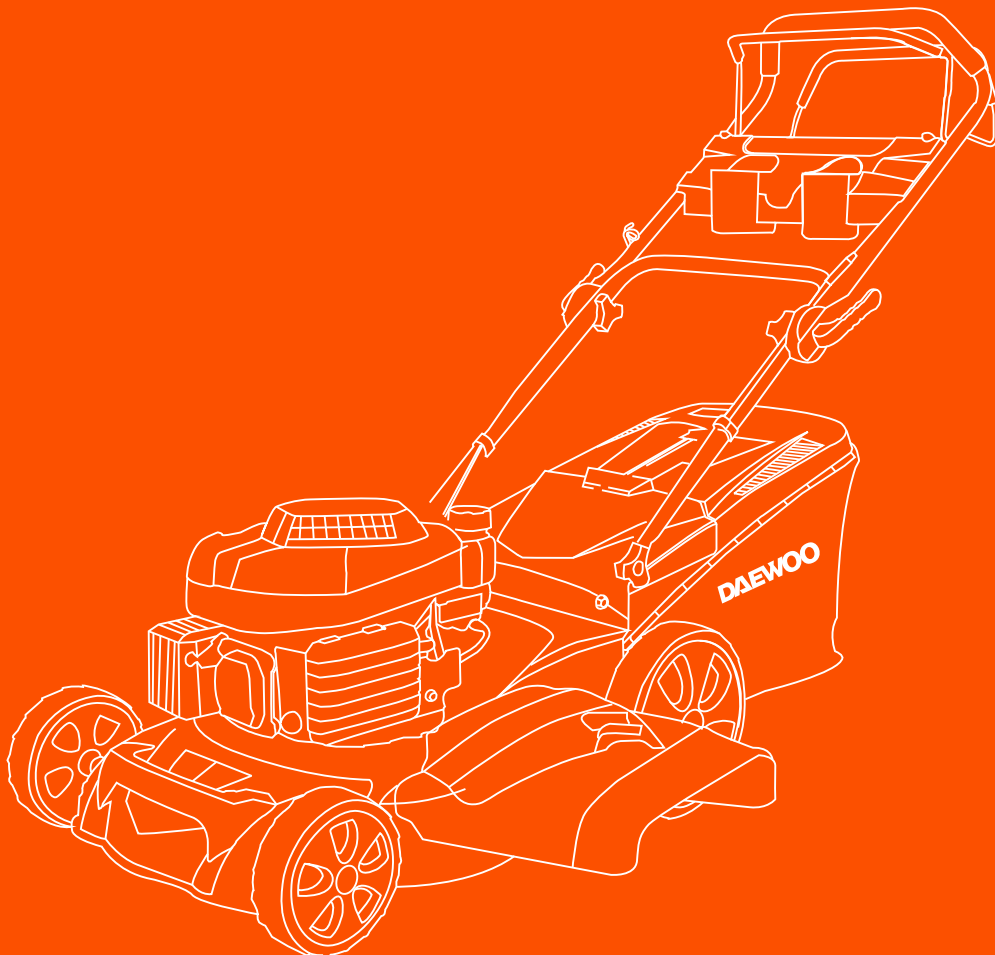


DAEWOO

POWER PRODUCTS

DLM5300SP

Gasoline Lawn Mower



USER MANUAL

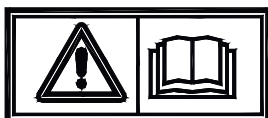
www.daewoopowerproducts.com

Manufactured under license of Daewoo International Corporation, Korea

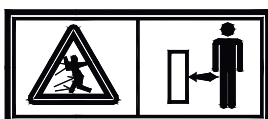
INDEX

1. PARTS LIST	3
2. ASSEMBLY OF GRASS BAG	6
3. HANDLE ASSEMBLY	6
4. CUTTING HEIGHT AJUSTMENT	6
5. SAFETY PRECAUTIONS	7
6. OPERATION	7
7. GEAR BOX	8
8. SAFETY RULES	8
9. MAINTENANCE	11
10. TECHNICAL DATA	11
11. WARRANTY	10

CAUTION: Before any use, please read carefully the user manual this was purposely drawn up to provide you with all the necessary information for proper use and in compliance with basic safety requirements.



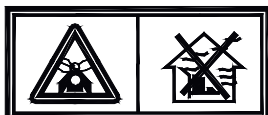
CAUTION: Read carefully the manual before use.



CAUTION: Keep other people well away from the danger area.



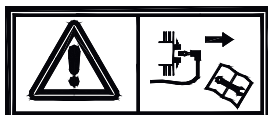
CAUTION: Risk of hand and feet injuries.



CAUTION: Emission of toxic gas, do not use the mower in a close area or not well ventilated.



CAUTION: hot surfaces.



CAUTION: Before carrying out any operation, please stop the engine and disconnect the spark plug cap.



CAUTION: Never fill up the fuel tank while the engine is running.

IMPORTANT: Read with care the security requirements included in the engine manual before the first use of the engine.

1. PARTS LIST

1. Engine control bar
2. Driving control bar
3. Upper handle
4. Lower handle
5. Engine
6. Grass catcher
7. Steel deck



Fig A



Side Closing Cover

Side-discharge Grass-guiding plug

Fig B



Mulching Plug

4 IN 1 FUNCTION

Rear discharge with grass collection:

Take out the Mulching Plug (Fig B), Side-Closing Cover (Fig A), assembling the grass catcher.



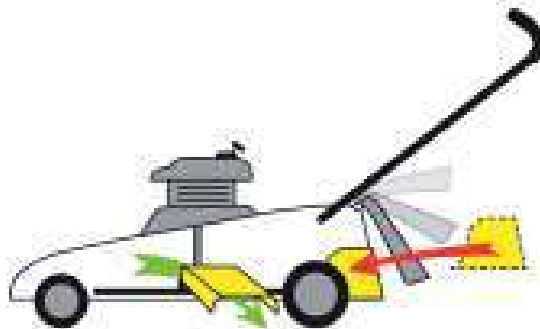
Rear discharge without grass collection:

Take out the Mulching Plug (Fig B) and close the Side-Closing Cover (Fig A).



Side discharge:

Insert the Mulching Plug (Fig B) and Side-discharge Grass-guiding plug (Fig A).



Mulching:

Close the Side-Closing Cover (Fig A) and insert the Mulcher Guard (Fig B).



2. ASSEMBLY OF GRASS BAG

- a) Take the grass catcher as (Fig C).
- b) Pull up the deflector and place the grass catcher at its place. (Fig D)

Fig C



Fig D



3. HANDLE ASSEMBLY



4. CUTTING HEIGHT AJUSTMENT

One central height adjustment.

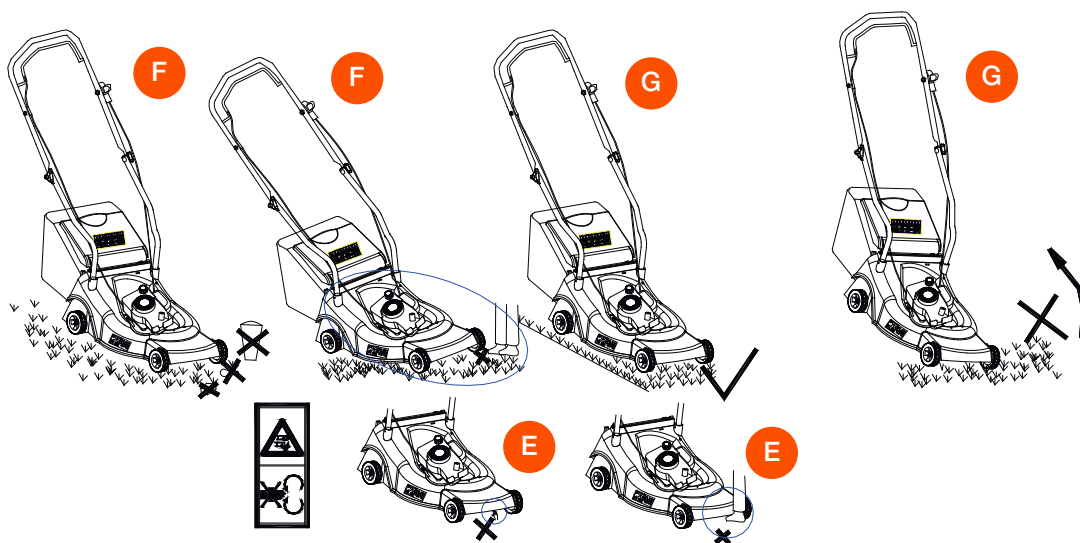
Highest Level



Lowest Level

5. SAFETY PRECAUTIONS

- a) Always use the lawnmower with the grass catcher or/ and the deflector in position.
- b) Stop the engine before emptying the grass catcher or before you change the cutting height.
- c) While the engine is running, never introduce your hands or feet under the lawnmower or under the grass ejection area (Fig E).
- d) Before mowing, remove all foreign objects from the lawn, which maybe thrown by the machine (Fig F).
- e) Keep children and other people and domestic animals at a safe distance when the lawnmower is in use.
- f) Never lift the mower while starting the engine (Fig G).



6. OPERATION

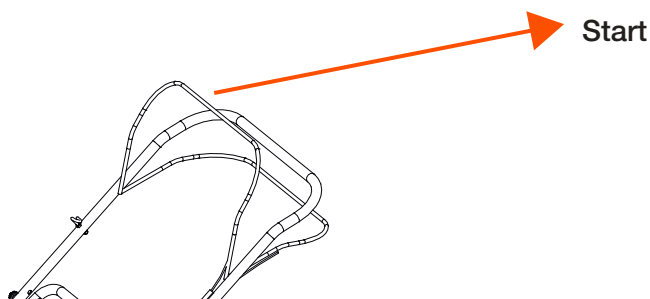
Before using the machine you must read the Engine instruction book.



Engine delivered without oil: add 0.6 liter of oil before use.

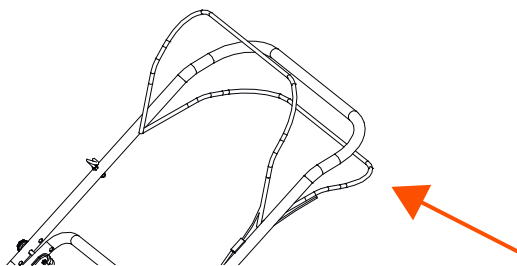
Attention: Every 20 hours replace the engine oil.

Blade is in action as soon as engine started. While the machine is working maintain the security handle in working position. The engine will stop as soon as you release the engine control bar.



FOR THE SELF PROPELLED

To engage the self-propelled system, keep the engine started, then pull on the lower lever of the handle and maintain it engaged together with the brake lever.



7. GEAR BOX

Control frequently the self-propelled system. Polish the gear in the wheels and put grease on them. Do the same control on the ball bearing if any.

8. SAFETY RULES

General conditions of use.

1. This machine is to be used exclusively for cutting natural grass. Never use the mower for other purposes. Any other utilization can involve danger for your safety and can involve damage to the mower.
2. Persons under 16 years of age and persons who are not familiar with the user instructions must not use the mower.
3. The user is responsible of the safety of other people in the working area. Keep children and domestic animals at a safe distance while the mower is in use.
4. Before mowing, remove all foreign objects from the lawn which may be thrown by the machine, stay alert for any foreign objects which may have been missed.

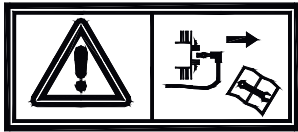
USING INSTRUCTIONS

1. Check that all nuts, bolts and screws are well tightened.
2. Before mowing place the grass catcher in its position.
3. Before mowing make sure that the blade and the blade fixing screw are securely fastened. When cutting edges require resharpenering, this must be done evenly on both sides so as to prevent any imbalance. If the blade is damaged, it must be replaced.
4. When mowing always wear a long trousers and strong footwear.
5. Do not run the engine in an enclosed and/or poorly ventilated area, where gas of the engine contains carbon monoxide, which are dangerous for your health.
6. Work only when there is sufficient light.
7. Do not use the lawnmower when it is raining or when the grass is wet.
8. Particular precautions must be taken while mowing on slopes or downing stretches. Mow across the face of slopes, never down or up.
9. Turn off the engine if you must leave the lawnmower unattended, displace the lawnmower or incline it.
10. Never lift the rear of the mower while starting the engine and never place your hands and feet underneath the deck or into the rear discharge chute while the engine is running.
11. Never change in any way the rated speed of the engine.
12. On the self-propelled mowers, disconnect the self-propelled system before starting the engine.
13. Never lift or carry the mower while the engine is running.
14. Stop the engine and remove the spark plug cover in these cases:
 - Before any operation under the deck or the grass rear discharge chute.
 - Before any maintenance, repairing or checking operations.
 - Before carrying, lifting or removing the mower.
 - If you leave the mower unattended or changing the cutting height.
 - To remove and emptying the grass catcher.
 - After hitting a foreign object, stop the engine and check thoroughly the mower in order to see if it is damage. Bring the mower in an agreed service station to do the repairing if necessary. **WARNING:** After you stopped the engine the blade is still in action during a few seconds.
 - If the mower vibrates in an abnormal way, find the reasons why, and take your mower to an agreed service station.
 - Check regularly that bolts, nuts and screw are secularly tightening for a safe use of the mower.

15. WARNING: GASOLINE IS HIGHLY INFLAMMABLE

- Keep gasoline in a jerry can specially made for this purpose.
- Fill up the tank with a funnel, do the operation outside. Do not smoke. Do not use mobile phone.
- Fill up with gasoline and oil before starting the engine. Never open the cap of the fuel tank to add gasoline while the engine is running or still hot.
- Do not start the engine if there is some gasoline spread around, take the mower away from the one where gasoline have been split and avoid any contact from a hot source as long as the split gasoline is completely evaporated.
- Tighten the fuel tank cap and close tightly the jerry can cap.

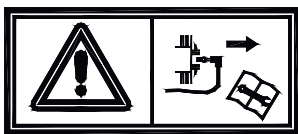
MAINTENANCE AND STORAGE



WARNING: Stop the engine and unplug the spark plug before a repairing or maintenance operations.

- Make sure that all nuts, bolts and screws are kept well tightened to keep the lawnmower in a safe operating condition.
- Never store the lawnmower with a tank with gasoline in an enclosed area where gasoline fumes could reach a strong heat source or a flame. Allow the engine to cool down before you store your lawnmower in any storage place.
- In order to reduce any risk of fire, clean the lawnmower and in particular the engine, the muffler, the fuel tank. Suppress all grass traces or leaves or excess of grease.
- Check frequently the condition of the deflector and the grass catcher, replace them if they are damaged.
- In case of drain oil of the tank before winter, do this operation outside.
- Wear thick gloves for the mounting and the sharpening of the blade. Be sure that the blade is always well balanced.

9. MAINTENANCE



WARNING: Stop the engine and unplug the spark plug before a repairing or maintenance operations.

Stop the engine and unplug the spark plug before any repairing or maintenance operations.

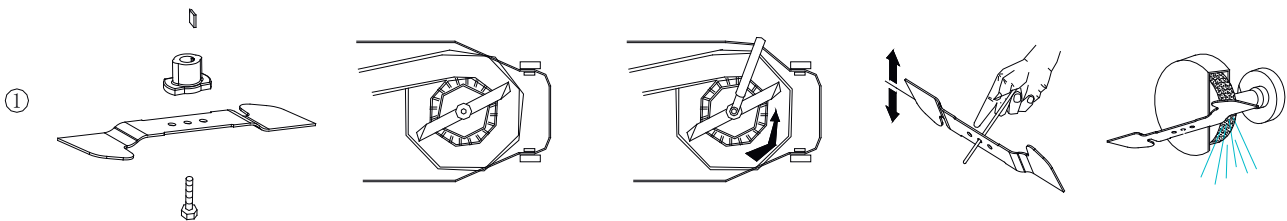
- For four strokes engine read carefully the maintenance engine manual. Check regularly the oil level and add some oil or replace it if necessary.
- Frequently check the lawnmower and ensure that all grass deposits are removed from beneath the deck.
- Lubricate regularly the wheel axle and the bearings with grease.
- Check often the blade, in order to obtain a clean work the blade should always be sharp and well balanced.
- At regular intervals check the tightening of all bolts and screws. Wear off or badly tightening nuts and bolts can involve some important damages to the engine or the frame.
- If the blade hits violently an obstacle, stop the lawnmower and bring it to agreed service station.

THE BLADE: the blade is made of pressed steel, in order to obtain a clean work, sharpen the blade frequently, around every 25 hours of work. Be sure that the blade is always well balanced, introduce a

small iron axle($\varnothing 2$ or $\varnothing 3$ mm) in the central hole of the blade, it should stay horizontal.

If the blade does not stay horizontal balance, please replace the blade from the manufacturer. To remove the blade, unscrew the screw, check the blade support and change all spare parts if they are worn out or damage.

When reassembling the blade, make sure that the cutting edges face in the direction of the engine rotation. The blade screw must be torque to 3.7 K·gm (37 Nm) with a HGnamometric tool.



ONLY USE ORIGINAL SPARE PARTS. SPARE PART OF BAD QUALITY CAN INVOLVE IMPORTANT DAMAGES TO YOUR LAWNMOWER AND BEPREJUDICIAL FOR YOUR SECURITY.

10. TECHNICAL DATA

Engine Model: DLM5300SP
Rated Power: 3.5 kW
Rated Speed: 2800 rpm
Displacement: 196 cc
Starting: Recoil
Fuel Tank: 1.0 L
Oil Capacity: 0.5 L
Cutting Heights: 30-75mm with 8 positions
Height Adjustment: One central system
Cutting Width: 530 mm
Grass Bag: 62 L
Deck Material: Steel
Guaranteed sound power level: 98 dB(A)
Weight: 36.8 kg

WARRANTY CARD

Product model	Date of sale
Serial number	Company
Username	Client's signature

The product is in good conditions and fully complete. Read and agree the terms of the warranty.

GUARANTEE

The warranty period starts from the date of sale of the products and covers 1 year for all power products.

During the warranty period, free failures caused due to the use of poor-quality materials in the production and manufacturer workmanship admitted fault are removed. The guarantee comes into force only when warranty card and cutting coupons are properly filled. The product is accepted for repair in its pure form and full completeness.

WARRANTY DOES NOT COVER

- Mechanical damage (cracks, chips, etc.) and damage caused by exposure to aggressive media, foreign objects inside the unit and air vents, as well as for damage occurred as a result of improper storage (corrosion of metal parts);
- Failures caused by overloading or product misuse, use of the product for other purposes. A sure sign of overload products is melting or discoloration of parts due to the high temperature, simultaneous failure of two or more nodes, teaser on the surfaces of the cylinder and the piston or destruction of piston rings. Also, the warranty does not cover failure of the automatic voltage regulator due to incorrect operation;
- Failure caused by clogging of the fuel and cooling systems;
- Wearing parts (carbon brushes, belts, rubber seals, oil seals, shock absorbers, springs, clutches, spark plugs,

mufflers, nozzles, pulleys, guide rollers, cables, recoil starter, chucks, collets, removable batteries, filters and safety elements, grease, removable devices, equipment, knives, drills, etc.);

- Electrical cables with mechanical and thermal damage;
- Product opened or repaired by a non-authorized service center.
- Prevention, care products (cleaning, washing, lubrication, etc.), installation and configuration of the product;
- Natural wear products (production share);
- Failures caused by using the product for the needs related to business activities;
- If the warranty card is empty or missing seal (stamp) of the Seller;
- The absence of the holder's signature on the warranty card.

DAEWOO

DAEWOO

DAEWOO

	Product		Product	
	Model		Model	
	Company		Company	
	Date of sale		Date of sale	



DAEWOO
POWER PRODUCTS

www.daewoopowerproducts.com

Manufactured under license of Daewoo International Corporation, Korea