



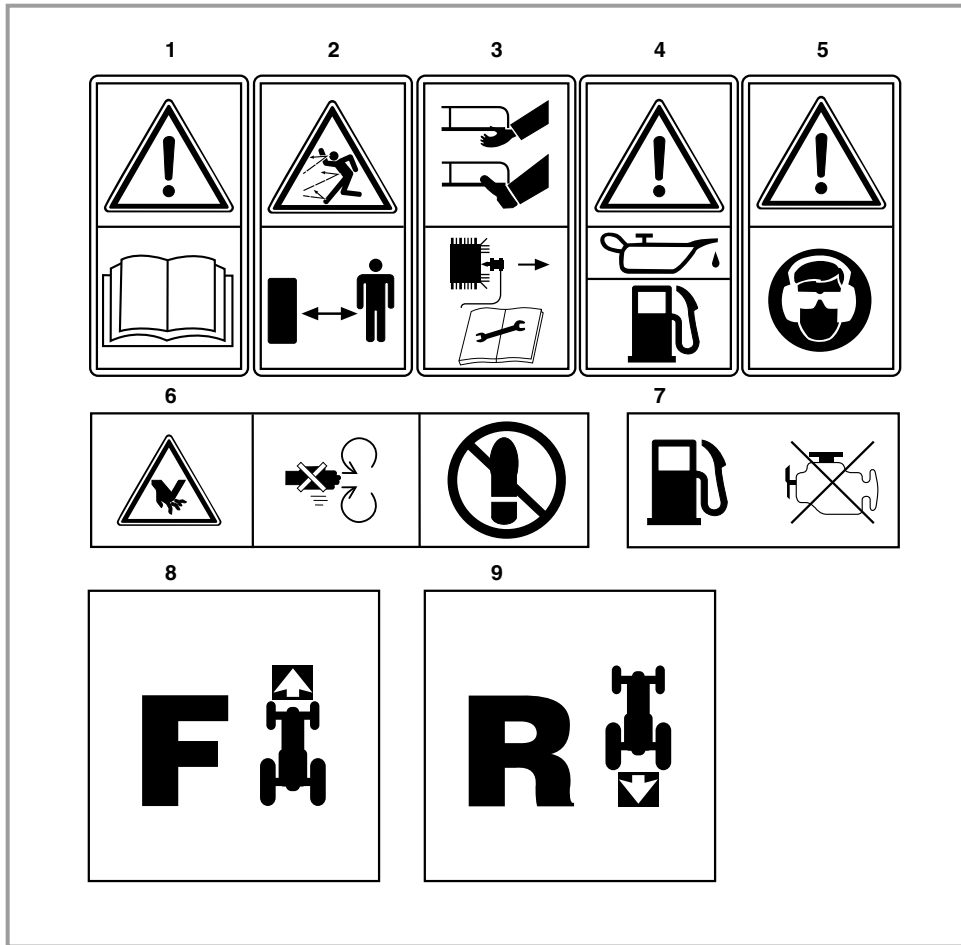
GE-TM 102 B&S

GB Original operating instructions
Ride - On Mower

7

Art.-Nr.: 34.006.21

I.-Nr.: 11012



Handling

1. Do not let the combustion engine run in enclosed areas, as dangerous carbon monoxide gas can build up.
2. Only mow in broad daylight or in well-lit conditions. If possible, avoid using the equipment on wet grass.
3. Disengage the auxiliary drive unit and set the drive lever to the neutral position before you start the mower.
4. Do not use the equipment on slopes with a gradient of over 10°.
5. Remember that there is no such thing as a "safe slope". Driving on grassy slopes requires particular concentration. To protect yourself against overturning you should:
 - Not stop or start off suddenly when you are driving up or down a slope.
 - Engage slowly, leave the engine engaged, especially when driving downslope.
 - Keep to a low speed on slopes and on tight turns.
 - Watch out carefully for mounds, hollows and other unseen dangers.
 - Never mow across the slope unless the machine construction is designed for the purpose.
6. Be careful when you tow any loads or if you use any heavy equipment. Only use approved tow hitches.
7. Only attach loads that you know you can control.
8. Do not attempt to drive tight turns. Exercise caution when reversing.
9. Pay special attention to car traffic if you cross a street or if you are mowing close by one.
10. Stop the knife before crossing over any areas other than grass.
11. If you use any attachments, make sure that this does not cause grass to be thrown in the direction of people and that no persons are nearby.
12. Never use machines if protective equipment is damaged or not fitted.
13. Do not adjust or overclock the motor speed settings. Operating the equipment at excessive speed may increase the risk of accidents.
14. Before you leave the driver's seat:
 - Disengage the drive unit for the attachment and lower it.
 - Engage idle mode and apply the locking brake.
 - Switch off the engine and pull out the ignition key.

15. Disengage the drive unit for the attachments, switch off the engine and pull out the spark boot plug and the ignition key:
 - Before you dislodge any blockages or clogs in the chute.
 - Before carrying out any checks, cleaning or other work on the machine.
 - If you have struck a foreign object. Examine the machine for signs of damage and carry out any necessary repairs before restarting and continuing to work with the machine.
 - If the machine begins to experience exceptionally strong vibrations, immediately check it.
16. Disengage the drive units for attachments whenever you intend to transport the mower or not use it for any length of time.
17. Switch off the engine and disengage the drive unit for the attachments:
 - Before you refuel.
 - Before you remove any grass catching devices.
 - Before you change the height setting if this cannot be done from the user's position.
18. Close the engine's throttle valve when the machine has run down. When you have finished mowing with the machine, close the petrol stopcock if it has one.

Maintenance and storage

1. Make sure that all nuts, bolts and screws are tightened securely and that the machine is in safe working condition.
2. Never store the mower (with petrol in the tank) inside a building in which petrol fumes could come into contact with open flames or sparks.
3. Allow the engine to cool before you put the lawn mower in an enclosed area.
4. In order to avoid fire hazards, keep the engine, exhaust and the area around the fuel tank free from grass, leaves and leaking grease (oil).
5. Routinely check the grass basket for signs of wear and impaired functionality.
6. For your own safety, replace worn or damaged parts without delay.
7. If the fuel tank needs to be emptied, ensure that it is done out in the open with a petrol suction pump (available from DIY stores).
8. Carry out adjustment work on the equipment with care and avoid jamming your fingers between the moving blades and rigid parts of the equipment.
9. Please note that the rotation of one of the blades can cause the other one to rotate as well.

10. Lower the mower unit when you park the mower or put it into long-term storage.

1.2 Safety information for the charger

- Wear safety goggles and gloves when charging the battery. The caustic acid presents a high risk of injury.
- Do not wear any items of clothing made of synthetic materials so as to avoid spark formation caused by electrostatic discharge when charging the battery.
- CAUTION! Avoid explosive gases, flames and sparks.
- The charger contains components such as the switch and fuses which may generate arcs and sparks. It is essential to ensure that there is good ventilation in the garage or room.
- The charger is suitable for maintenance-free 12V batteries only.
- Do not charge any "non-rechargeable batteries" or defective batteries.
- Refer to the instructions supplied by the battery manufacturer.
- Disconnect the equipment from the mains supply before you connect or disconnect the battery.
- Important. Avoid flames and sparks.
- Explosive gas is released during the charging process.
- Store the equipment in a dry indoor location only.
- Caution! Battery acid is aggressive.
- Should any acid splash onto hands or clothing, wash off immediately with soap solution. Should any acid splash into your eyes, wash it out immediately with water (for 15 minutes) and seek the advice of a doctor.
- Do not charge any non-rechargeable batteries.
- Refer to the information and instructions provided by the battery manufacturer relating to charging the battery.
- Do not charge more than one battery at any one time.
- The mains connection lead and the charging cables must be in perfect condition.
- Keep children away from the battery and charger.
- Important. If you smell an acrid odor of gas, this indicates that there is an acute danger of explosion. Do not switch off the equipment. Do not disconnect the battery from the power supply! Ventilate the room immediately. Have the battery checked by customer service staff.

- Do not use the cable for purposes other than that for which it is designed.
- Do not carry the charger by its cable and do not use the cable to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges.
- Check the equipment for damage.
- Unless otherwise stated in the operating instructions, defective or damaged parts must be repaired or replaced by a customer service workshop.
- Only ever use the supply voltage specified.
- Keep the connectors clean and protect them from corrosion.
- Disconnect the equipment from the mains supply before starting any cleaning or maintenance work.
- Wear acid-resistant gloves and safety goggles when connecting and charging the battery.
- Important. Do not exceed the charging time. After the end of the charging time pull the plug out of the socket and disconnect the charger from the battery.

1.3 Safety precautions for batteries

1. Make sure at all times that the batteries are fitted with the + and – terminals on the batteries correctly positioned as shown on the battery.
2. Do not short-circuit the batteries.
3. Do not recharge non-rechargeable batteries.
4. Do not exhaust the battery charge.
5. Do not heat batteries.
6. Do not do any welding or soldering directly on batteries.
7. Do not disassemble batteries.
8. Do not deform batteries.
9. Do not throw batteries into a fire.
10. Keep batteries out of the reach of children.
11. Do not allow children to change batteries without supervision.
12. Do not store batteries near fire, stoves or other sources of heat. Do not expose the battery to direct sunlight. Do not use or store it in vehicles in hot weather.
13. Keep unused batteries away from metallic objects. This could cause the battery to short-circuit and may therefore cause damage to the battery, burns and even the risk of fire.
14. Take the batteries out of the equipment if the equipment is not going to be used for some time.
15. NEVER touch batteries which have leaked unless you have taken suitable precautions for protection. If the fluid which has leaked

should come into contact with your skin, rinse down the affected area of skin immediately with running water. Make sure in any event that your eyes and mouth do not come into contact with the fluid. If this should happen, consult a doctor immediately.

16. Clean the contacts on both the batteries and the equipment before inserting the batteries. This equipment is not designed to be used by people (including children) with limited physical, sensory or mental capacities or those with no experience and/or knowledge unless they are supervised by a person who is responsible for their safety or they have received instructions from such a person in to how to use the equipment safely. Children must always be supervised in order to ensure that they do not play with the equipment.

Waste disposal

Batteries: Only dispose of these items through motor vehicle workshops, special collection points or special waste collection points. Ask your local council.

1.4 Explanation of the warning signs on the equipment (see Fig. 2)

- 1) Read the operating instructions
- 2) Important. Danger from catapulted parts. Never use machines if protective equipment is damaged or not fitted. Important. Danger from catapulted parts. Keep a safe distance.
- 3) Be careful of the sharp cutters. Switch off the engine and pull the spark plug boot before doing any maintenance, repair, cleaning or adjustment work.
- 4) Fill with oil and fuel before starting.
- 5) Caution! Wear ear protection and safety goggles.
- 6) Risk of cut injuries. Caution: rotating cutters. Never use the mower unit as a step.
- 7) Important. Switch off the engine for refueling.
- 8) Accelerator pedal (forward)
- 9) Accelerator pedal (reverse)

2. Layout and items supplied

Figures 1-57 can be found in the separate booklet "Product illustrations for the Original Operating Instructions"

2.1 Layout (Fig. 1-57)

1. Grass basket
2. Release lever for grass basket
3. Cutting height adjuster lever
4. Seat
5. Steering wheel
6. Accelerator pedal (reverse)
7. Accelerator pedal (forward)
8. Headlights
9. Front wheel
10. Mower unit
11. Rear wheel
12. Locking brake
13. Brake pedal
14. Throttle lever
15. Light switch
16. On/Off switch for the mower unit
17. Ignition lock
18. Ejector chute
19. Release lever for gears
20. Bar
21. 8-10mm open-ended wrench
22. 13-15 mm open-ended wrench
23. 10-12mm multi-functional wrench
24. 13-19 mm multi-functional wrench
25. 5 mm Allen key
26. Philips screwdriver
27. 2x ignition keys
28. Screw (cross recessed head)
29. Nut
30. Washer
31. Screw (internal hexagon)
32. Fuse (10 amps)
33. Petrol tank / filling cap
34. Viewing window for fuel level
35. 2x cleaning connection
36. Trailer hitch
37. Battery
38. Blade, right
39. Blade, left
40. Handle
41. Oil filter
42. Oil filling cap
43. Oil drainage screw

2.2 Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the nearest branch of the DIY store where you made your purchase at the latest within 5 work days after purchasing the article and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the warranty provisions at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if present).
- Check to see if all the items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, keep the packaging until the end of the guarantee period.

Important.

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a risk of choking and suffocating!

Important:

To prevent damage, set the mower unit to the highest level when you unload the mower and push it slowly off the transportation pallet.

Note: Place boards between the struts of the transportation pallet.

You have to disengage the gears to be able to push the mower. To do so, push the release lever (Item 19) inwards and hook into place (Fig. 13). Only do this with the engine switched off. For driving, the release lever has to be moved to the outer position (Fig. 12). Only do this with the engine switched off.

- Lawn tractor
- Seat
- Steering wheel
- Grass basket
- Release lever for grass basket
- Bar
- 2x ignition keys
- Screw (cross recessed head)
- Battery
- Nut
- Washer
- Screw (internal hexagon)

- Original Operating Instructions
- Product illustrations for the Original Operating Instructions

Tools:

- 8-10mm open-ended wrench
- 13-15 mm open-ended wrench
- 10-12mm multi-functional wrench
- 13-19 mm multi-functional wrench
- 5 mm Allen key
- Philips screwdriver

3. Intended use

The petrol lawn mower is suitable for use in public facilities, parks and sports centers, on farms or in the forestry sector. The lawn mower is designed to be used for maintaining grassed or turfed surfaces.

The operating instructions as supplied by the manufacturer must be kept and referred to in order to ensure that the lawn mower is properly used and maintained. The instructions contain valuable information on operating, maintenance and servicing conditions.

Important. Due to the high risk of bodily injury to the user, the petrol lawn mower must not be used to carry out the following work: To cut scaling vegetation, planted roofs, or balcony-grown grass, to clean (suck up) dirt and debris off walkways, or to chop up tree or hedge clippings. Moreover, the lawn mower may not be used as a power cultivator to level out high areas such as molehills.

The equipment may be used only for its intended purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind resulting from such misuse.

4. Technical data

Note:

The enclosed manual from Briggs & Stratton provides detailed technical data on the engine!

Engine type: One-cylinder four-stroke engine
 Power: 12.8 kW (17.4 hp) at 2800 min⁻¹
 Fuel: Petrol
 Cutting height adjustment: .. Central, (30-90 mm)
 Cutting width: 1,020 mm
 Blade length: 518 mm
 Weight: 220 kg
 Tire size, front: 15 x 6.00-6
 Tire size, rear: 18 x 8.50-8
 Air pressure of tires, front: 1.0 bar
 Air pressure of tires, rear: 0.8 bar
 Max. velocity, forward: Infinite 0 - 8.8 kph
 Max. velocity, reverse: Infinite 0 - 5 kph
 Towing capacity: 300 kg
 Vertical load: 75 kg
 Battery: 12 V 18 Ah

Sound and vibration

L_{pA} sound pressure level 86.9 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 100 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 836.

Vibration emission value $a_h = 10.97 \text{ m/s}^2$
 K uncertainty = 1.5 m/s^2

5. Before starting the equipment

Assembling the components

Some parts of the mower come disassembled. The work of assembly should be carried out by 2 people. For quick and easy assembly, read and follow the instructions below.

Important. You will need the following additional tools (not supplied) for assembly, and also for maintenance work:

- A flat oil drip tray (for changing the oil)
- A 1 liter measuring jug (oil/petrol resistant)
- A petrol can
- A funnel (suitable for the tank's petrol filler neck)
- Household wipes (to wipe up oil/petrol residue; dispose of these at a filling station)
- A petrol suction pump (plastic, available from DIY stores)
- An oil can with hand pump (available from DIY stores)

Fitting the steering wheel (Fig. 9 - 11)

Place the machine on a straight and level surface. Align the wheels straight ahead and fit the steering wheel (Item 5) as shown.

Inserting and removing the battery (Fig. 14-15)

Important. Use the mower only with a maintenance-free 12V battery.

Place the battery (Item 37) on the base. First connect the red cable "+" and then the black cable "-". Secure the battery with the tensioning spring (Fig. 15). Remove it in reverse order.

Important. Do not disconnect the battery from the electrical system during operation as this may destroy the charge electronics.

Charging the battery from the electrical system

The battery is charged by the generator via the electrical system during operation.

Charging the battery with the charger

If the battery has lost its charge, it can be charged up with a charger (not included in delivery) via the household mains system. Disconnect the battery from the electrical system as described in the section: "Inserting and removing the battery". We recommend that you use an Einhell charger.

Important. Explosive gas is generated during the charging process. This could collect under the cover if closed and lead to explosive ignition. When you charge the battery, refer to the safety regulations supplied by the battery manufacturer.

Important. Explosive gas can be generated during the charging process. You should therefore avoid spark formation and naked flames during the charging process.

Fitting the driver's seat (Fig. 16)

Fit the seat (Item 4) as shown. Adjust the position of the seat by moving it in the slots. Adjust it to a comfortable sitting position and make sure that you can reach all of the control levers and pedals easily.

Grass basket assembly (Fig. 17-24)

- Fig. 17: Spread the grass basket out in front of you. Fit the handle (Item 40).
- Fig. 18: Fasten the bar (Item 20) to the bottom part of the grass basket with the screws (Item 28), nuts (Item 29) and washers (Item 30).
- Fig. 19: Swing the top part of the grass basket up.
- Fig. 20: Fasten the top part of the grass basket to the bar (Item 20) with the screws (Item 28), nuts (Item 29) and washers (Item 30).
- Fig. 21-22: Fit the two support struts (Item a). Use the screws (Item c) and nuts (Item b) to do so.
- Click the plastic rail (Item k) into the bar.
- Fig. 23: Push the release lever for the grass basket (Item 2) into the assembly opening on the grass basket and secure it with the screw (Item 28) and nut (Item 29) to prevent it from working its way out.

Important.

Ensure that all screws are secure.

- Fig. 24: Fully assembled grass basket.

Fitting the grass basket to the tractor lawn mower (Fig. 25-29)

- Fig. 25-26: Attach the grass basket to the attachment points (Item e).
- Fig. 27: Note that the marking arrows are opposite each other.
- Fig. 28: Before you can close the grass basket you have to open it fully so that it latches completely into the attachment points.
- Fig. 29: Lock the grass basket by exerting slight pressure on the rear handle.

6. Operation

Note:

For detailed information on starting the engine, refer to the enclosed manual from Briggs & Stratton.

Important.

The engine does not come with oil in it. Therefore, be sure to add oil before starting the engine for the first time. You will also need to fill in petrol, as this is also not supplied upon delivery.

Whenever you need to perform any adjustment and/or repair work on your lawn mower, wait until the blade has come to a complete stop. Always switch off the engine before carrying out any adjustments, maintenance or repairs.

Warning: Never use more than one safety petrol can. Do not smoke when refueling. Switch off the engine before refueling and allow the engine to cool down for a few minutes.

Safety switch

To prevent injuries from improper use, the lawn mower is equipped with various safety devices.

To be able to start the engine, the following conditions must be met:

- Gear position → neutral
- The mower unit must be switched off.
- The operator must be sat on the seat.
- The locking brake must be applied.

The engine cuts automatically whenever the operator leaves the seat.

Each time before use, check the tire pressure and oil level.

Speed lever (Fig. 30)

Move the throttle lever (Item 14) in order to increase or decrease the engine speed. For optimum mowing results we recommend that the throttle lever should be set to the "Hare" position.

Tortoise = Slow

Hare = Fast

"🐇" = Choke (enables a quick cold start)

Lights (Fig. 30):

Vehicle lights ON/OFF (Item 15).

Note: The lights only work if the ignition lock is in the "ON" position.

Mower unit switch (Fig. 31)

Use the ON/OFF switch for the mower unit (Item 16) to start the mower unit.

"I" = On

"O" = Off

Pay attention to the safety instructions.

Ignition lock (Fig. 31/Item 17)

Settings:

STOP= Turning off the engine

ON=Turning on the ignition

START=Starting the engine

Changing the fuse (Fig. 32)

If the 10A fuse (Item 32) is defective, replace it as illustrated.

Important.

A defective fuse is always the result of a fault in the electrical system. A check should be carried out by an authorized service center.

Cutting height adjustment (Fig. 33)

Use the cutting height adjuster lever (Item 3) to adjust the cutting height. Actuate the lever as illustrated.

Locking brake (Fig. 34-35)

To actuate the locking brake, press the brake pedal (Item 13) down. To lock the brake pedal in the brake position, press the locking brake (Item 12). To release the locking brake, press briefly on the brake pedal (Item 13).

Note: The engine can only be started if the locking brake is applied.

Accelerator pedal (Fig. 36-37)

The accelerator pedal (forward) (Item 7) and the accelerator pedal (reverse) (Item 6) are for controlling the driving direction and speed.

Note: Release the locking brake first.

F → Forward

R → Reverse

The further you press the accelerator, the faster the speed.

Note: Only change the driving direction (forward/reverse) once the vehicle has come to a stop.

Note on driving: Set the switched off mower unit to the highest level before setting off.

Replacing the light bulb (Fig. 50)

Open the engine hood. To change the light bulb (18 W), twist the connector (Item m) counter-clockwise.

6.1 Mowing

Only use a sharp blade that is in good condition. This will prevent the grass blades from fraying and the lawn from turning yellow.

Try to steer in straight lines for a nice, clean look. The swaths should overlap each other by a few centimeters in order to avoid stripes. For optimum mowing results we would recommend that you plan your path with left-hand turns only.

Keep the underside of the mower housing clean and remove grass build-up. Deposits not only make it more difficult to start the mower; they decrease the quality of the cut and make it harder for the equipment to bag the grass. Always mow along inclines (not up and down). You can prevent the lawn mower from slipping down by holding a position at an angle upwards. Select the cutting height according to the length of the grass. If necessary, mow a number of times so that you never cut more than 4cm of grass in one go.

Switch off the engine and pull out the ignition key and spark boot plugs before doing any checks on the blade. Keep in mind that the blade continues to rotate for a few seconds after switching off. Never attempt to manually stop the blade. Regularly check to see if the blade is securely attached, is in good condition and is sharp. If the contrary is the case, have the blade sharpened or replaced. In the event that the blade strikes an object, immediately switch off the lawn mower and wait for the blade to come to a complete stop. Then inspect the condition of the blade and the blade mount. Replace any parts that are damaged.

Starting mowing

Important. Be sure to observe the safety instructions.

1. Start the engine. Important: Observe all the information on operation contained in this manual.

Note: For detailed information on starting the engine, refer to the enclosed manual from Briggs & Stratton.

Important.

If you actuate the ignition key again while the engine is running, you will damage the starting system.

2. Place the speed lever in the "Hare" position.
3. Set the mower unit to the highest possible position.
4. Start the mower unit.

5. Release the locking brake. Slowly actuate the drive lever (forward). Adjust the cutting height and driving speed to the grass you are going to mow.

Note:

- For optimum mowing results with thick, high grass, use a low speed.
- Switch off the mower unit whenever you reverse.
- Switch off the mower unit and set it to the highest position before crossing over any obstacles.

Level indicator for the grass basket

The grass basket is supplied with a sensor which emits a signal tone to tell you when the grass basket is full. Switch off the mower unit whenever the signal sounds (Section 6 Mower unit switch). Do not let the grass basket get too full as it will clog the ejector chute.

6.2 Emptying the grass basket (Fig. 38)

Important. Never open the grass basket when the mower unit is running.

1. Apply the locking brake.
2. Pull the release lever for the grass basket (Item 2) up and out of the holder.
3. The grass basket can now be emptied with ease.
4. Close the grass basket. Ensure that the grass basket is fully closed again.
5. Slide the release lever back into the holder again.
6. Resume mowing, having regard for the safety instructions as you do so.

Cleaning the ejector chute

The ejector chute can become clogged if you mow wet grass or if you drive too fast when mowing (Fig. 25/Item 18). Please follow these instructions in order to remove a blockage:

1. Disengage the drive unit for the attachments, apply the locking brake, switch off the engine and pull out the spark boot plug and the ignition key.
2. Check that all moving parts have reached a complete standstill.
3. Remove the grass basket.
4. Remove the blockage with a stick.
5. Move forward a short distance before switching on the mower unit again.

6.3 After mowing

1. Always allow the engine to cool before you put the lawn mower in an enclosed area.
2. Remove grass, foliage, grease and oil before storing the mower. Do not place any objects on top of the mower.
3. Before using the mower again, retighten all nuts and screws. Tighten all screws which were slackened.
4. Also be sure to empty the grass basket.
5. Disconnect the spark plug boot to prevent unauthorized use.
6. Ensure that you do not park the mower next to any source of danger. Petrol fumes can lead to explosions.
7. Only original parts or parts approved by the manufacturer may be used for repairs (see address on the warranty certificate).
8. Empty the petrol tank with a petrol extraction pump if you are not intending to use the mower for an extended period of time.
9. Tell your children not to use the mower. It is not a toy.
10. Never place petrol near an ignition source. Always use a can that is approved to store petrol. Keep petrol away from children.
11. Oil and maintain the equipment.

7. Cleaning, maintenance, storage, transport and ordering of spare parts

Important: The enclosed engine manual from Briggs & Stratton provides maintenance information and maintenance interval information on the engine.

Important:

Never work on or touch any current-conducting parts of the ignition system while the engine is running. Pull the spark plug boot from the spark boot before doing any maintenance or assembly work. Never carry out any work on the equipment while the engine is running. Work that is not described in these operating instructions should only be carried out by authorized workshops.

7.1 Cleaning

The lawn mower should be cleaned thoroughly every time after it has been used. This particularly applies to its underside and the blade mount. It is easiest to remove dirt and grass immediately after mowing. Dried grass remnants and dirt may impair the mowing operation. Check if the grass ejector chute is free of grass remnants and remove any if necessary. Never clean the engine using a water jet or a high-pressure cleaner. The engine must remain dry. Do not use aggressive cleaning agents such as cold cleaners or petroleum ether.

In order to ensure that the majority of grass clippings are picked up, the inside of both the grass bag and especially the air grill must be cleaned after each use.

Important. Do not use your hands or feet to remove clippings in or on the mower housing, but instead use suitable tools such as a brush or a hand broom.

Cleaning the mower unit (Fig. 41)

The mower unit is supplied with a hose connection on both sides (Item 35) (suitable for conventional garden hose couplings).

1. Place the mower on a firm surface. The grass basket must be fitted.
2. Set the mower unit to the lowest position.
3. Connect the hose to the hose connection. Turn on the water supply.
4. Move the drive lever to the neutral position and start the engine; the operator must be sat on the seat.
5. Engage the drive for the mower unit.
6. Clean each side in this way for 1-2 minutes depending on the amount of dirt.

Important.

Switch off the engine when you attach the hose to the opposite side.

After you have switched off the engine, remove the grass basket and clean it. Wait until the mower is dry before putting into long-term storage.

7.2 Maintenance

Important: The enclosed engine manual from Briggs & Stratton provides maintenance information and maintenance interval information on the engine.

Dispose of soiled maintenance material and operating materials at the appropriate collection point.

7.2.1 Blades

For safety reasons, have all blade sharpening, balancing and mounting work carried out by an authorized service center. To achieve optimal results, we recommend to have the blades checked once a year.

Changing the blades (Fig. 53-54)

When changing the cutting unit, be sure to use only genuine replacement parts. Never install a blade from a different manufacturer.

1. Fig. 53
Screw (Item 1a) for right blade (Item 38) → undo in a clockwise direction
Screw (Item 1b) for left blade (Item 39) → undo in a counterclockwise direction
2. When you replace the blades, remember that because of the different directions of rotation, 2 different blades have to be fitted. To ensure that you fit the correct blades on the correct sides, refer to the numbers stamped on the blades:
Blade, right (Item 38): 0606668
Blade, left (Item 39): 0606665
3. Fig. 54
When you fit the spring washer (Item 1c), make sure that the curved side faces the screw head.
4. Fig. 54
Screw (Item 1a) for right blade (Item 38) → tighten in a clockwise direction.
Screw (Item 1b) for left blade (Item 39) → tighten in a counterclockwise direction
Tightening torque: 40-45 Nm

Damaged blades

If, in spite of all caution, the blade comes into contact with an obstacle, switch off the engine immediately. Wait until the blade comes to a complete standstill. Pull out the spark plug boot. Check the blade for damage. Damaged or bent blades must be replaced. Never straighten a bent blade. Never work with bent or heavily worn blades as this will result in vibrations, causing further damage to the mower.

Important: Risk of injury when working with a damaged blade.

7.2.2 Adjusting the mower unit (Fig. 42-43)

It may be necessary to adjust the mower unit if you find that the grass is uneven in height.

1. Place the machine on a firm and level surface.
2. Check the tire pressure and adjust it if necessary.
3. Set the cutting height lever (Fig. 1/Item 3) to level 1.
4. To set the correct height, place blocks with a height of 25 mm beneath the front edge of the mower unit (Item f) and blocks with a height of 30 mm beneath the rear edge (Item h).
5. Adjust the 3 nuts (Item i) so that the mower unit just touches the 25 mm blocks at the front (Item f) and the 30 mm blocks at the rear (Item h).

7.2.3 Taking off the wheels (Fig. 44-48)

1. Place the machine on a firm and level surface and chock it to prevent from rolling away.
2. Lift the machine with a jack on the frame until the wheel turns freely (Fig. 44).
3. Remove the protective cap (Fig. 44/Item r) using a flat screwdriver.
4. To remove the locking ring (Fig. 45/Item s) from the front wheel you will require locking ring pliers.
5. To remove the locking ring (Fig. 46/Item t) from the rear wheel you will require a flat screwdriver.
6. Pull the wheel off the axle.
7. Grease the axle with grease before fitting the wheel.
8. To fit, proceed in the reverse order.

Important. Check that the locking ring is correctly positioned. Do not use locking rings that are worn, as this may cause the wheel to work loose.

Note: Since the tires are tubeless, any repairs to the tires need to be carried out only by specialists.

Removing the engine hood (Fig. 49-52)

Fig. 49: Disconnect the plug (Item u).

Fig. 50/51: Remove the split pins (Item v) and bolts (Item w).

Fig. 51: Remove the engine hood.

Assemble in reverse order.

Important. It is prohibited to operate the mower without the engine hood in place, because of the risk of injuries.

7.2.4 Care and adjustment of the cable pulls

Oil the cable pulls at regular intervals (after every 25 hours in operation) and check that they move easily. Adjust or replace if necessary.

7.2.5 Inspecting the V-belt

Check the V-belt at regular intervals (after every 25 hours in operation). To do so, remove the V-belt cover. Have the belt replaced if it shows visible signs of wear. The belts should not be replaced by anyone but a specialist.

Use only original replacement parts.

7.2.6 Moving parts

Maintain the moving parts and bearings at regular intervals (after every 25 hours in operation). Proceed as illustrated in Fig. 55-57, in order to provide the moving parts and bearings with optimum protection against wear.

7.2.7 Repair

After carrying out repair or maintenance work, ensure that all safety parts are installed and in perfect condition. Store potentially hazardous parts out of the reach of other persons and children.

Important: In accordance with the German Product Liability Act, we are not liable for any damages if they result from improper repairs to the product or if parts are replaced by items other than genuine parts or parts approved by us. Furthermore, we are not liable for any damages if they result from improper repairs to the product. Arrange for your customer service or an authorized workshop to do the work. The same applies to accessory parts.

7.2.8 Operating times

Please note that the statutory regulations may differ from town to town.

7.3 Preparing the mower for long-term storage

Warning: Do not empty the petrol tank in enclosed areas, near fire or when smoking. Petrol fumes can cause explosions and fire.

1. Drain the petrol tank using a petrol extraction pump.
2. Start the engine and run it until the tank and fuel line are completely empty and the engine stalls.
3. Be sure to clean the entire equipment to protect the paint.
4. Store the equipment in a well-ventilated place or location.



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7.4 Preparing the mower for transport

1. Drain the petrol tank using a petrol extraction pump.
2. Always let the engine run until it has used up the remainder of petrol in the tank.
3. Empty the engine oil from the warm engine.
4. Remove the spark plug boot from the spark plug.
5. Clean the housing and mower unit.

7.5 Ordering spare parts

Please provide the following information when ordering spare parts:

- Type of unit
- Article number of the unit
- ID number of the unit
- Spare part number of the required spare part

For our latest prices and information please go to www.einhell.com.au

8. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.



Warranty provisions

DeWalt or the store where you made your purchase guarantees the repair of defects or replacement of the equipment in accordance with the overview below. Statutory guarantee claims are unaffected.

Category	Example	Warranty
Defect with regard to material or construction		24 months
Wear parts*	Spark plug, air filter, petrol filter, V-belt, battery	6 months
Consumables*	Blade	Warranty only in case of an immediate defect (24 hours after purchase / date on the bill)
Missing parts		5 work days

* Not necessarily included in the scope of delivery!

For consumables, wear parts and missing parts DeWalt guarantees the correction of defects or a new delivery only if the defect is reported within 24 hours (consumables), 5 work days (missing parts) or 6 months (wear parts) after purchase and the purchase date is verified with the bill.

In case of defects concerning the material or construction, we kindly request you to submit the equipment together with the fully completed warranty card supplied with the equipment. It is important that you enter an exact description of the defect.

To do so, answer the following questions:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)?
Describe this malfunction.

The guarantee provided in this Guarantee Certificate is given by Einhell Australia Pty Limited
ACN 134 632 858 of 6/166 Wellington Street, Collingwood, Victoria (Telephone number 1300 922 271)
(Einhell Express Guarantee).

GUARANTEE CERTIFICATE

Dear Customer,

All of our products undergo strict quality checks. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee certificate. Of course, if you would prefer to call us then we are also happy to offer our assistance under the service number printed below. Please note the following terms under which claims under the Einhell Express Guarantee can be made:

1. The benefits conferred by the Einhell Express Guarantee are in addition to all rights and remedies which you may be entitled to under the Australian Consumer Law, and any other statutory rights you may have under other applicable laws. This Einhell Express Guarantee does not exclude, restrict or modify any such rights or remedies.
We do not charge you for the Einhell Express Guarantee.
2. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
3. The Einhell Express Guarantee only covers problems caused by material or manufacturing defects, and our liability under the Einhell Express Guarantee is limited, at our discretion, to the rectification of these defects or replacement of the product. Please note that the product has not been designed for use in commercial, trade or industrial applications. Consequently, the Einhell Express Guarantee will not apply if the product is used in commercial, trade or industrial applications or for other equivalent activities.
4. The following are also excluded from the Einhell Express Guarantee: compensation for transport damage, damage caused by failure to comply with the installation/assembly instructions or damage caused by unprofessional installation, failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type), misuse or inappropriate use (such as overloading of the product or use of non-approved tools or accessories), failure to comply with the maintenance and safety regulations, ingress of foreign bodies into the product (e.g. sand, stones or dust), effects of force or external influences (e.g. damage caused by the product being dropped) and normal wear resulting from proper operation of the product. The Einhell Express Guarantee will also not apply if any attempt is made to tamper with the product.
5. The Einhell Express Guarantee is valid for a period of 2 years starting from the purchase date of the product. Claims made under the Einhell Express Guarantee should be submitted before the end of this guarantee period and within two weeks of the defect being noticed. No claims under the Einhell Express Guarantee will be accepted if submitted after the end of this guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period for the Einhell Express Guarantee, and the Einhell Express Guarantee will not apply for the work performed or parts fitted. This also applies when an on-site service is used.
6. To make a claim under the Einhell Express Guarantee, please send the relevant product postage-free to the address shown below and enclose either the original or a copy of your sales receipt or another dated proof of purchase. It would help us if you could describe the nature of the problem in as much detail as possible. If the defect is covered by the Einhell Express Guarantee, your product will be repaired immediately and returned to you, or we will send you a new device (at our election).

Any costs incurred by you in making a claim under this Einhell Express Guarantee, unless specified otherwise in this guarantee certificate, must be borne by you.

Of course, we are also happy to offer a chargeable repair service for any defects which are not covered by the scope of the Einhell Express Guarantee or for products which are no longer covered by the Einhell Express Guarantee. To take advantage of this service, please send the product to our service address.

EINHELL AUSTRALIA PTY LTD
6/166 Wellington Street
Collingwood VIC 3066
Australia
Phone: 1300 922 271

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Two horizontal lines are positioned to the right of the pencil illustration. Below these, the page contains 25 additional horizontal lines, providing a ruled area for writing or drawing.