



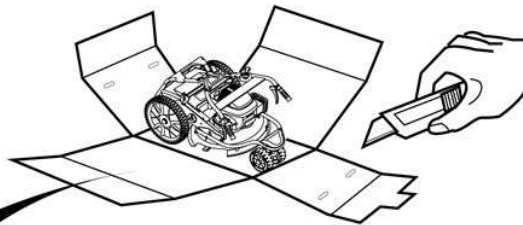
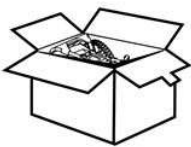
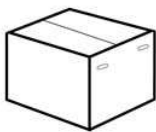
DB 551

	User manual	<i>(Translation of the original manual)</i>
EN	MOTOR MOWER	
	 Read the instructions in the user manual. Become familiar with the operation and controls of the machine.	
	Benutzerhandbuch	<i>(Übersetzung der Originalbetriebsanleitung)</i>
DE	MOTORMÄHER	
	 Die Anweisungen im Benutzerhandbuch durchlesen. Sich mit den Funktionen und Bedienelementen der Maschine vertraut machen.	
	Manuel d'utilisation	<i>(Notice originale)</i>
FR	MOTOFACHEUSE	
	 Lire les instructions du manuel utilisateur. Se familiariser avec le fonctionnement et les commandes de la machine.	

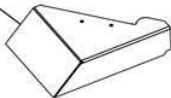
	Manual de uso	<i>(Traducción del manual original)</i>
ES	MOTOSEGADORA	
	 Leer las instrucciones del manual del usuario. Familiarizarse con el funcionamiento y los mandos de la máquina.	
	Manuale di istruzioni	<i>(Traduzione delle istruzioni originali)</i>
IT	MOTOFALCIATRICE	
	 Leggere le istruzioni contenute nel manuale per l'utente. Informarsi sul funzionamento e sui comandi della macchina.	
	Gebruikshandleiding	<i>(Vertaling van de originele handleiding)</i>
NL	MOTORMAAIER	
	 Lees de instructies van de gebruikershandleiding. Maak u vertrouwd met de werking en de bedieningselementen van de machine.	



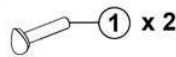
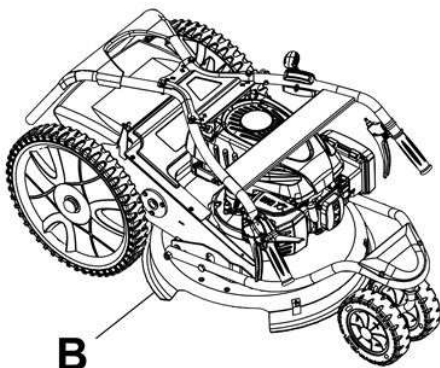
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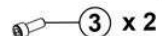
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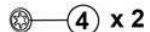
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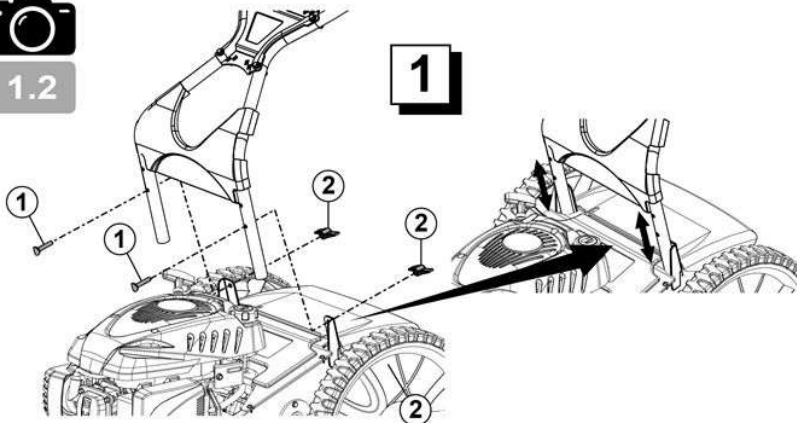
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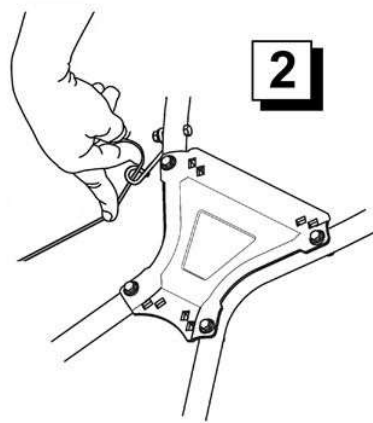


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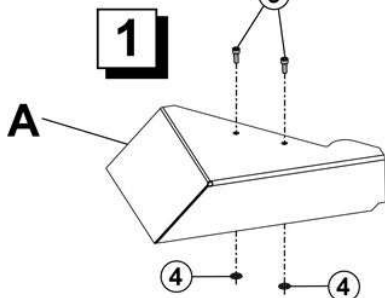


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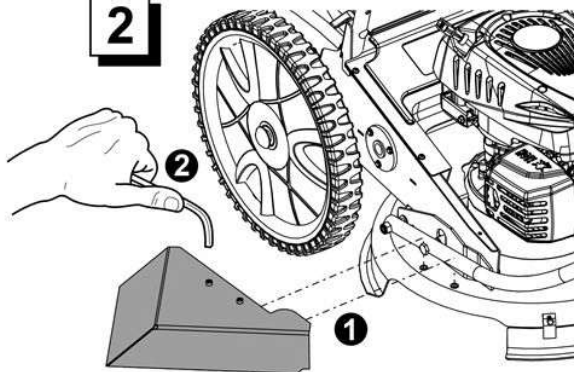


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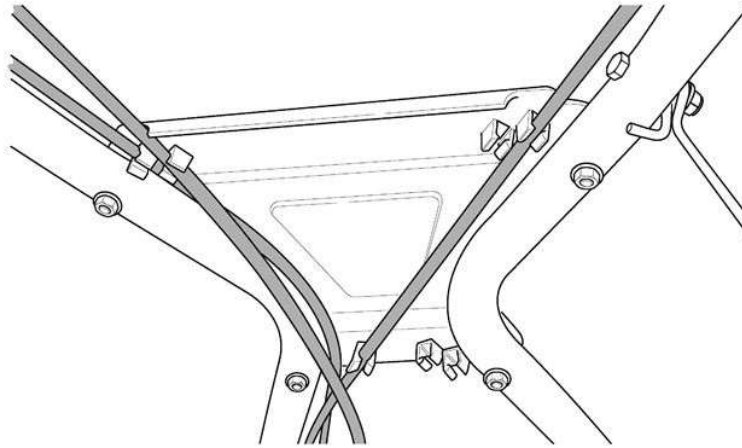
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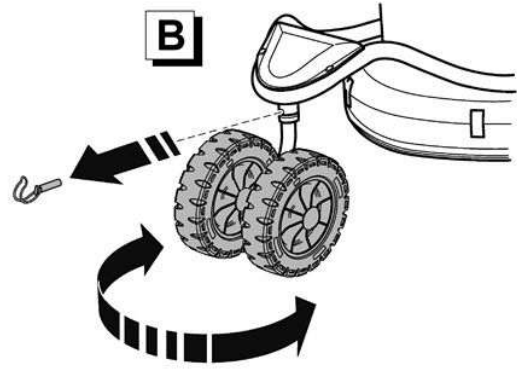
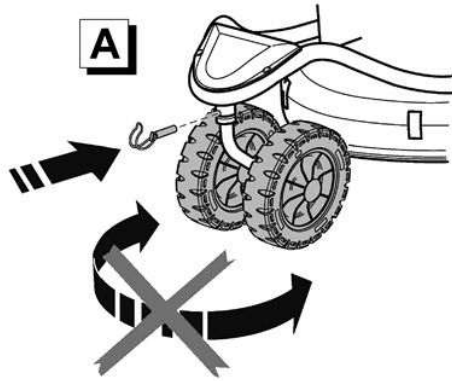




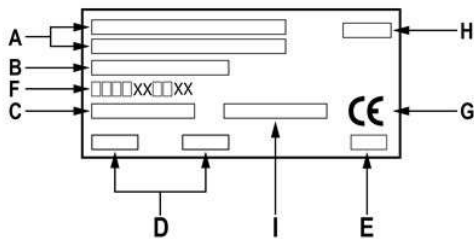
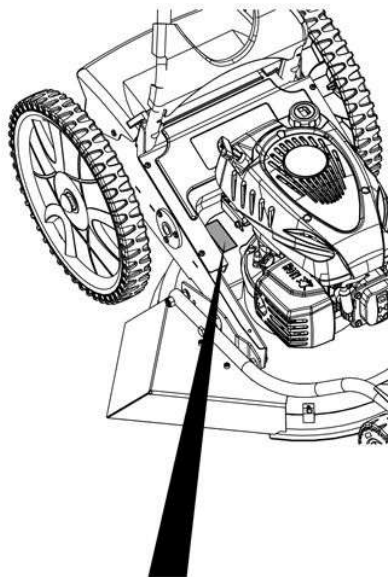
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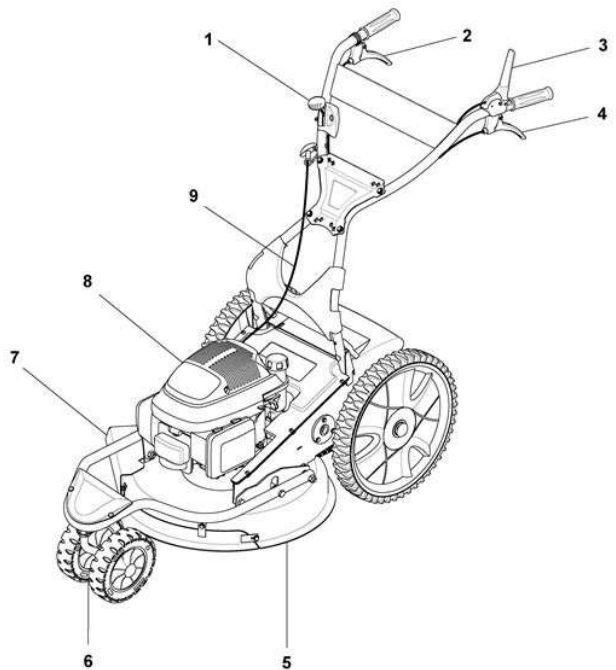
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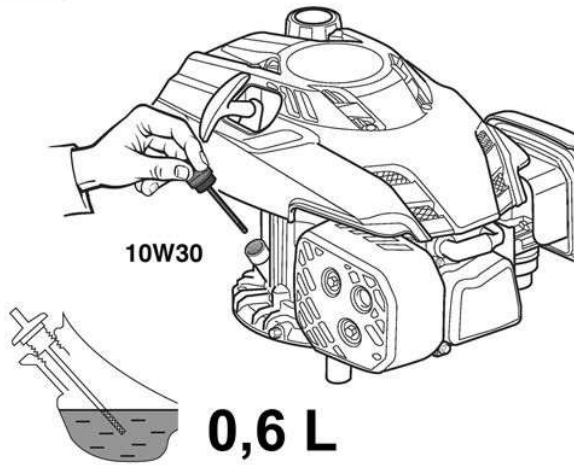


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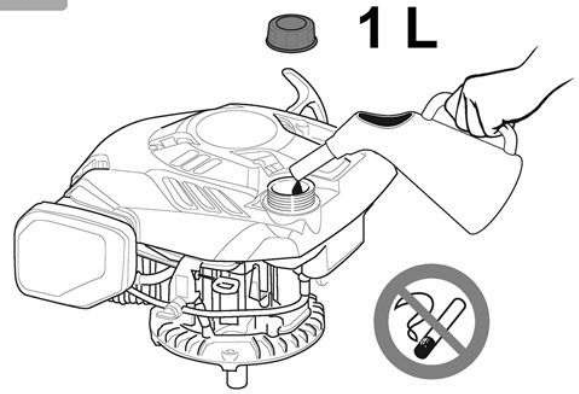




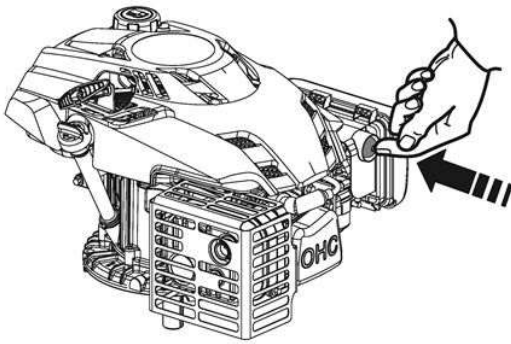
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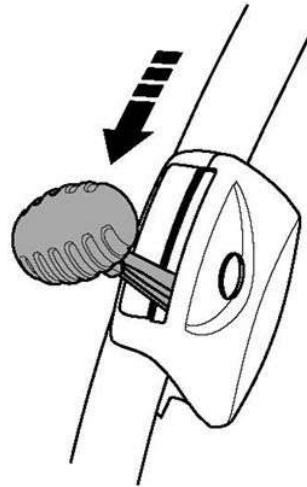
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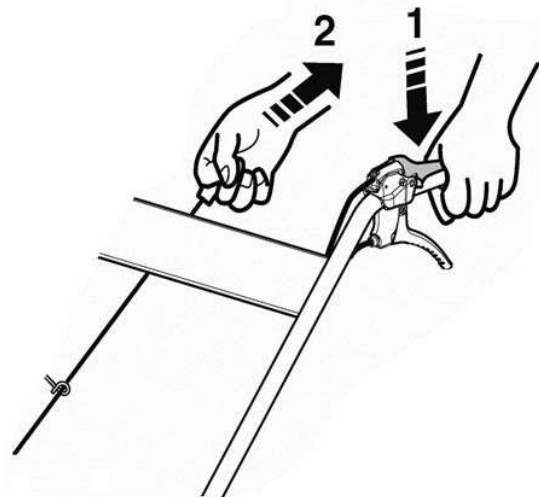
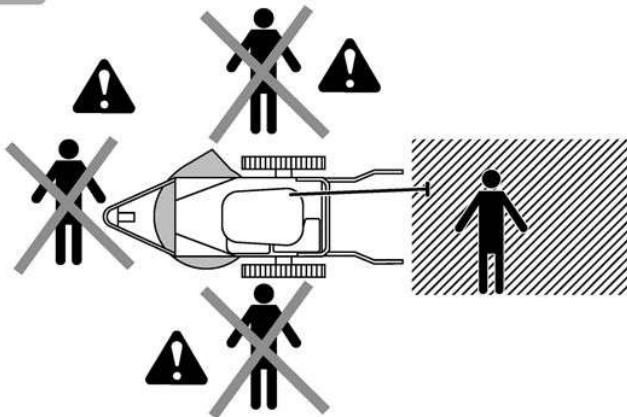
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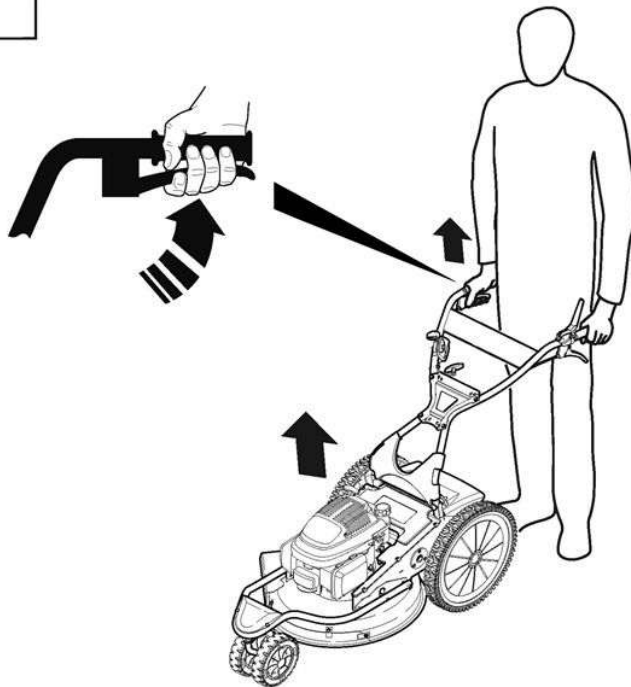
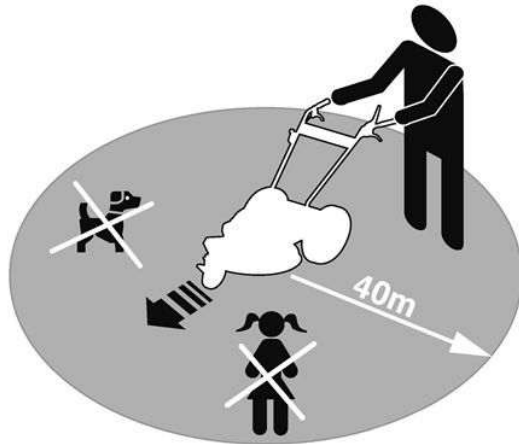
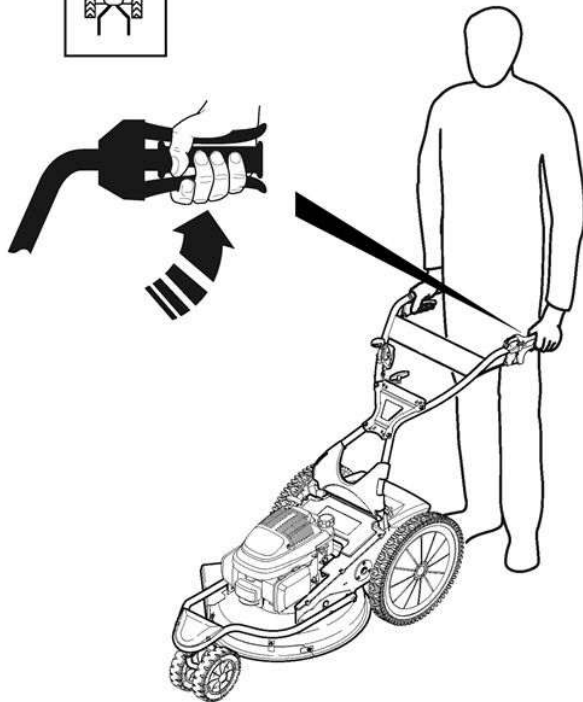


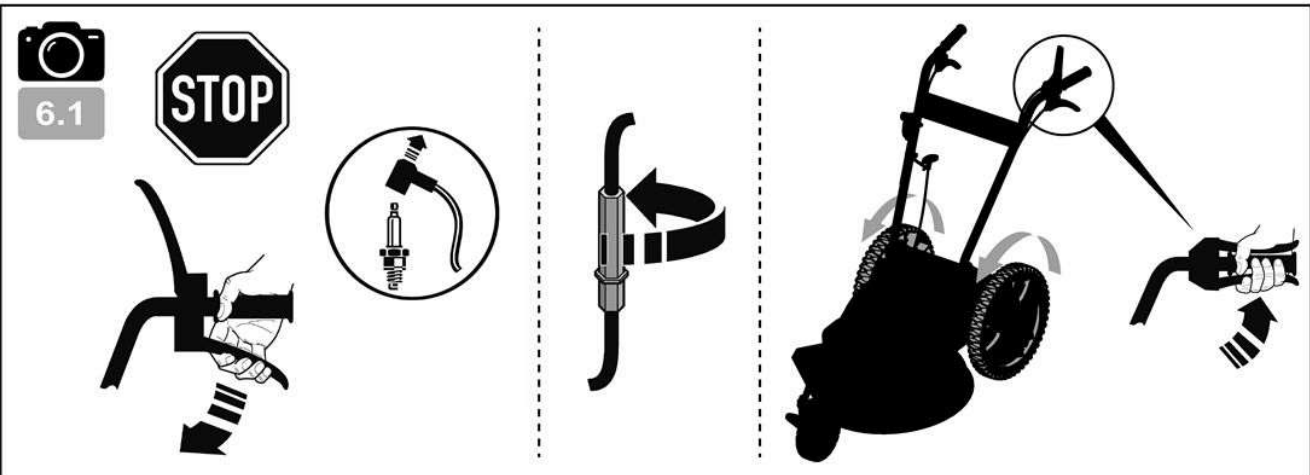
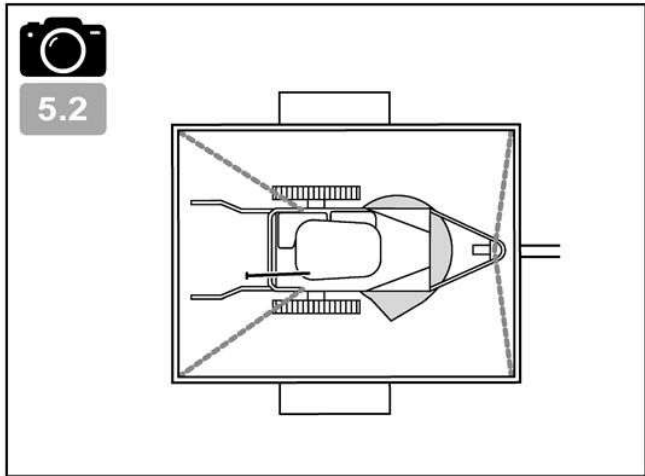
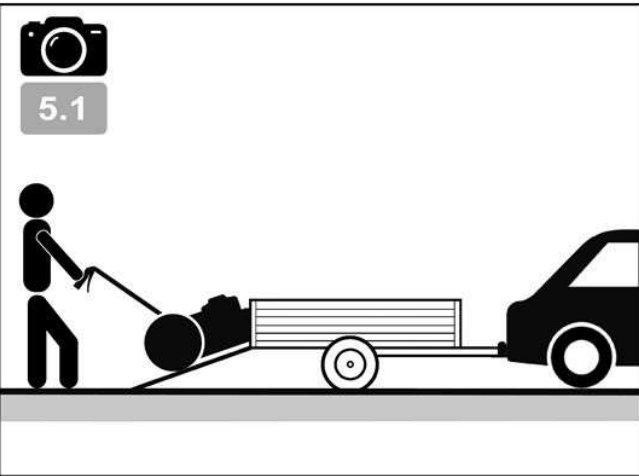
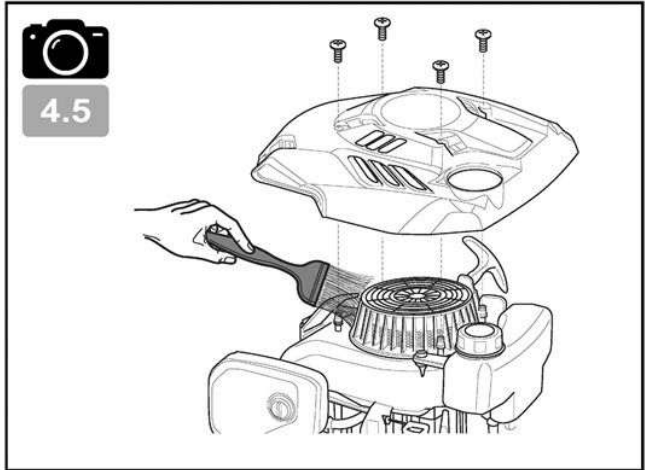
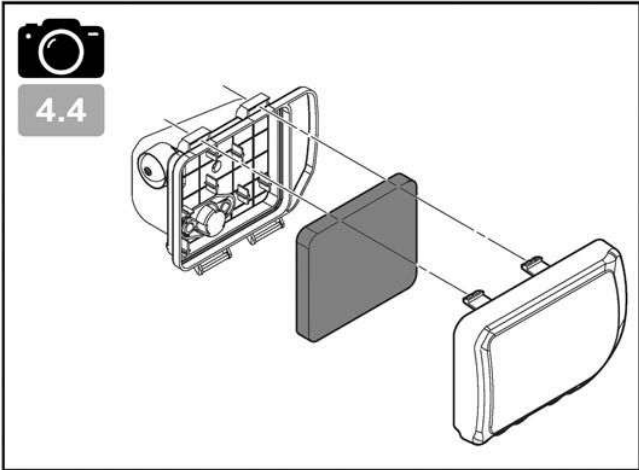
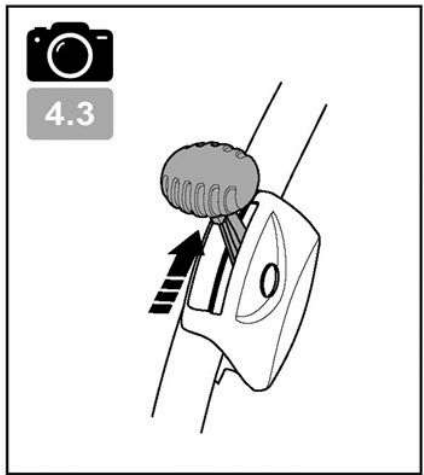
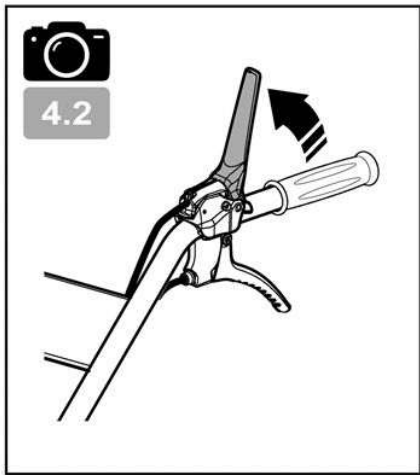
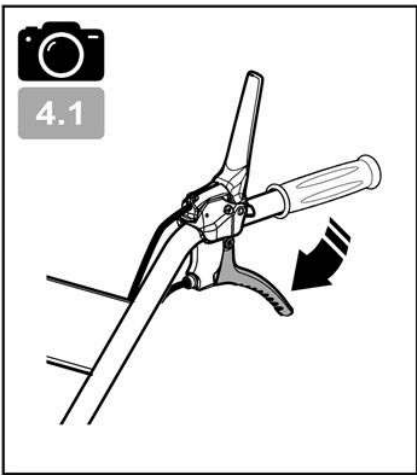
2.4



2.5







Pay close attention to indications preceded by the following statements:



CAUTION: Indicates a high probability of serious physical injury or danger of death if the instructions are not followed

PRECAUTION: Indicates a possibility of physical injury or damage to the equipment if the instructions are not followed

NOTE: Provides useful information



This symbol warns you to be careful during certain operations

If you have any problems or questions about the machine, please contact your dealer.



CAUTION: The machine is designed to provide safe and reliable service when used according to the Instructions. Please read and memorise the content of this manual before you use your machine. If you do not, you will risk injury and the equipment may be damaged

Training / Information:

- Familiarise yourself with the correct use and commands before you use the machine. Be sure that you know how to stop the engine quickly.
- The machine must always be used according to the recommendations indicated in the instruction manual.
- Remember that the user is responsible for any accidents or dangerous reactions occurring to other people or their belongings. It is their responsibility to assess the potential risks in the land to be worked and to take all the necessary precautions to guarantee their safety, in particular on slopes or on rough, slippery or loose ground.
- Never let children or people who are unfamiliar with these instructions use the machine. A minimum user age may be set by local regulations.
- Do not use the machine after taking any medicines or substances considered as potentially harmful to your reflexes and vigilance.
- When using the machine, wear the appropriate protective gear, in particular forestry safety boots meeting the requirements of EN 345 - 2 SB E Class 3, long trousers, goggles and ear protectors.
- Use the machine for the purpose for which it is intended, i.e. strimming. Any other use may be dangerous or may damage the machine.

Preparation:

- Carefully inspect the area where the machine is to be used and remove all objects which may be projected by the machine (stones, wires, glass, metal objects, etc.).
- Before each use, always perform a visual inspection of the machine to make sure that the cutting blades and their attachments and deflectors are not worn or damaged. Have worn or damaged parts replaced by an authorised repair technician (or a professional workshop) before using the machine again.
- If the machine has an engine stop button, keep the engine stop electrical cables in good condition to ensure that the engine will stop. Check that there are no fluid leaks (petrol, oil, etc.).
- Check the condition of the battery at regular intervals (if equipped). Replace if the casing, cover or terminals are damaged.
- Do not use the machine without mudguard or protective covers and make sure that all the attachment mechanisms are fully tightened.
- Avoid strimming cutting around inhabited buildings, paths and parking areas.
- Never use when there are other people nearby.

Caution – Danger: petrol is highly flammable:

- Store the fuel in containers specially provided for the purpose. Fill up with fuel outdoors only and do not smoke during the operation.
- Never remove the cap from the petrol tank or add petrol when the engine is running or when it is hot.
- If petrol is spilled on the ground, do not try to start the engine but move the machine away from this area and avoid causing any fires until the petrol fumes have dissipated.
- Store the machine in a dry place. Never store the machine in premises where the petrol fumes may reach a flame, a spark or a high source of heat.
- Replace the caps of the fuel tank and the petrol can correctly.
- Limit the quantity of petrol in the tank to minimise splashing.
- Do not run the engine in a confined space where carbon monoxide fumes may build up.
- Carbon monoxide may be fatal. Make sure that the premises are well ventilated.

Use:

- Start the engine carefully, following the manufacturer's instructions and keeping your feet away from the tool(s).
- When starting the engine, the operator must not raise the machine and the machine must only be tilted when the cutting blade is turned away from the operator.
- Shut down the engine when the machine is unsupervised.
- Walk, never run with the machine.
- Pull the machine towards you or reverse the movement direction (if possible) with a great deal of care.
- Keep the safe distance in relation to the rotating tools, given by the handlebar length.
- Never put your hands or feet near or under rotating elements.
- In the event of:
 - abnormal vibration,
 - blocking,
 - clutching problem,
 - a collision with a foreign object,
 - damage to the engine shutdown cable (depending on the model).

Shut down the engine immediately (if the engine shutdown cable is cut, activate the starter command as described in the § "starting the engine" to shut down the engine), let the machine cool down, disconnect the spark plug wire, inspect the machine and have the necessary repairs carried out by an authorised repair technician (or a professional workshop) before using the machine again.

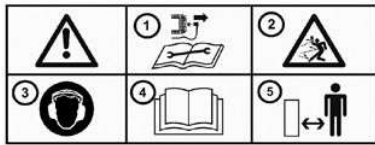
- Only work in daylight or in good quality artificial light.
- Do not use the machine in stormy weather.
- Do not use the machine on slopes greater than 20%.
- Never pull the machine towards you when brush cutting
- Work cross-wise on slopes, never ascending or descending.
- When working on a slope, do not stop or start abruptly. Slow down on slopes and tight turns to avoid losing your balance or loss of control. Be particularly careful when changing direction on slopes.
- On ground encumbered with objects or debris whether natural or not (rocks, tree stumps, scrap metal, posts, etc.) any foreign body that might be transformed into a dangerous projectile and/or damage the machine must be avoided
- On sloping or wet ground, beware of the risk of slipping.
- Using accessories other than those recommended may make the machine dangerous and cause damage to your machine, which will not be covered by your warranty.

Inspection / Maintenance / Storage / Disposal:

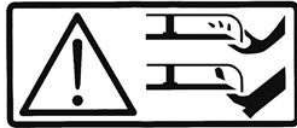
- Shut down the engine and disconnect the spark plug before any cleaning, tool change (cutting blade), adjustment or maintenance operations on the machine.
- Shut down the engine, disconnect the spark plug and wear thick gloves when changing the tool(s).
- Keep all nuts and screws tight to guarantee safe usage conditions.
- To reduce fire risk, keep the engine, the silencer and the fuel storage area free of plants, waste oil, or any other inflammable material.
- If the exhaust silencer is defective, have it replaced by an approved repairer (or a professional workshop).
- Do not repair the parts. Have the parts replaced with original parts. Have parts replaced by an authorised repair technician (or a professional workshop) before using the machine again.
- For your safety, do not modify your machine's characteristics. Do not modify the engine speed regulation settings and do not use the engine in overspeed. Regular maintenance is essential to guarantee safety and maintain performance.
- Let the engine cool down before you store the machine inside premises.
- The appliance must be disposed off in accordance with the regulations in force in the country of use.

Movement / Handling / Transport:

- Any action on the machine apart from brush cutting must be performed with the cutter blades disengaged.
 - The machine must only be moved (except for brush-cutting purposes) in accordance with the instructions in the "Movement" section
- Handling: do not lift the machine on your own. The machine's weight is indicated on the manufacturer's plate and in this manual. The machine must be handled in accordance with the instructions in the "Handling" section.
- The machine must be loaded into and unloaded from a trailer using an adapted loading ramp.
 - Stow the machine correctly for safe transport.
 - The machine must be transported with the engine shut down and the spark plug disconnected using a trailer. Do not use any other method of transport.



- 1 – Disconnect the spark plug before any repair maintenance
- 2 – Rotating blade: pay attention to ejected elements
- 3 – Wear ear protectors
- 4 – Read the user manual
- 5 – Respect the safe distances.



Danger! Cutting risk
Rotating blade
Do not approach the cutting tool

Starter
(depending on version)



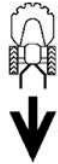
Circuit breaker



Forward clutch



Reverse clutch



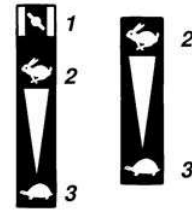
Cutting height adjustment



Gear selection



Gas command
(according to motor)



- 1 - Starter
- 2 - Quick
- 3 - Slow



Do not touch hot surfaces



The exhaust gases are dangerous
Do not use in a poorly-ventilated area



Switch the engine off before filling up



Pictograms that may or may not be present depending on the machine model

TECHNICAL INFORMATION

Machine model	DB 551		
Weight	50	kg	Engine model RV225-LE
Net power *	4.1	KW for an engine rate 3600 rpm	
Nominal power	3.8	KW for a nominal engine rate 3000 rpm	
Guaranteed acoustic power level	<i>NF EN 12733: octobre 2018</i>		99 dB(A)
Acoustic pressure level at driving position	86.4 dB(A)		
<i>NF EN 12733: octobre 2018</i>	Measurement uncertainty	1 dB(A)	
Measured acoustic power level	97.3 dB(A)		
<i>NF EN 12733: octobre 2018</i>	Measurement uncertainty	1 dB(A)	
Level of vibrations on the operator's hands	7.5 m/s ²		
<i>NF EN 12733: octobre 2018</i>	Measurement uncertainty	2 m/s ²	

* The engine power indicated in this document is a net power obtained by the test on a series engine according to standard SAE J 1349 at a given rotation speed. The power of another production engine may be different from this indicated value. The actual power of an engine installed on a machine will depend on different factors, such as the rotation speed, the temperature, humidity, atmospheric pressure, maintenance and other conditions.

EU Stage V emission compliance

	WARNING: Any change to the engine voids the EU type-approval of this product
Approval no.:	<i>E13 2016 1628 2017 656SYA1 P 0100 00</i>
CO ₂ (g/Kw-hr):	<i>870.70</i>

In accordance with the provisions of Article 43 2016/1628, the manufacturer provides you with the measured CO₂ value which was determined during the EU type-approval process: this CO₂ measurement results from testing over a fixed test cycle under laboratory conditions a(n) (parent) engine representative of the engine type (engine family) and shall not imply or express any guarantee of the performance of a particular engine.

NOTE: with permanent improvement in mind, the manufacturer specifies that all of this manual is not contractually-binding and reserves the right to modify the specifications of their machines without notice.

 ← **Unpacking**

1.1



CAUTION:
Incorrect assembly of this machine may cause serious injury.
Make sure that you follow all the instructions carefully



DANGER:
Make sure that you do not cut the cables or scratch the machine's paintwork when cutting sharp edges from the body

Item	Case content
A	Side deflector
B	Engine block
C	Documents + nuts and bolts pouch

 ← **Assembling the handlebar**

1.2

Turn over the handlebar avoiding damage to the cables; position it inside the machine and attach it using the 2 bolts at the desired height

 ← **Assembling the side deflector**

1.3

 ← **Cable attachment**

1.4



← **Fixed or swivelling front wheel**

1.5

- A = Fixed front wheel
- B = Swivelling front wheel



← **Machine identification plate**

1.6

- A – Manufacturer's name and address
- B – Type of machine
- C – Serial number
- D – Nominal power
- E – Weight in kilograms
- F – Machine model
- G – EC identification
- H – Year of manufacture
- I – Commercial name



← **Description of the elements**

1.7

- 1 – Gas lever *
- 2 – Forward clutch lever
- 3 – Blade brake handle
- 4 – Cutting height adjustment lever
- 5 – Cutting casing
- 6 – Front wheel
- 7 – Side deflector
- 8 – Engine
- 9 – Automatic winding launcher lead

* According to motor

MACHINE START-UP



← Oil full and level



← Petrol full

Super or unleaded or SP95 E 10




← Priming pump

- If the engine is cold: press the priming pump three times
- If the engine is hot: do not press the priming pump




← Accelerator

Set the lever to: 



← Pull the launcher handle

 Always remain inside the safety zone when the machine is starting up

USE


This machine is intended for:

- cutting grass
- light brush cutting operations (max. cutting diameter: 15 mm)

This machine is not intended for professional use



← Forward

 Keep a safe area with a radius of 40 m around the machine



← Cutting height adjustment

SHUTDOWN



← Stopping the forward movement

4.1

Release the clutch handle



← Release the blade clutch handle

4.2



← Engine shutdown

4.3

Set the accelerator control to



← Clean the oil-bath

4.4



← Clean the launcher casing

4.5

DAILY CHECKS

Check the following points before you start the engine: - No loose or broken nuts and bolts
- No fuel or engine oil leaks
- Safety of the environment



← Clean engine oil level

2.1



← Fuel level ok

2.2



← Air filter element cleanliness

4.4



Do not use any flammable solvents to clean the air filter's foam element

MOVEMENT



← Movement

5.1



Shut down the engine

Let the engine cool down

Disconnect the spark plug



← Stowing points

5.2

ADJUSTING THE CLUTCHING CABLE



If the machine does not move forward or has difficulty doing so:

6.1

- 1- Shut down the machine and disconnect the spark plug
- 2- Loosen the cable tightener nut and tighten it again
- 3- Lock the nut again
- 4- Reconnect the spark plug
- 5- Start the engine and try again. If the problem persists, contact your dealer

SHARPENING THE BLADE

It is advisable to have your blade sharpened and balanced every 20 hours by a professional workshop