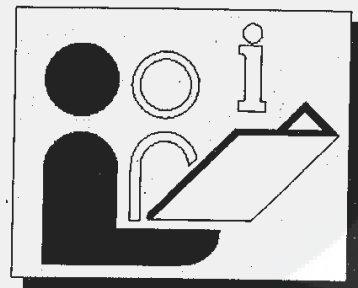


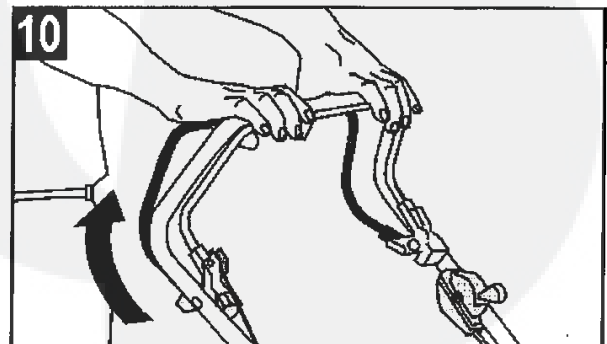
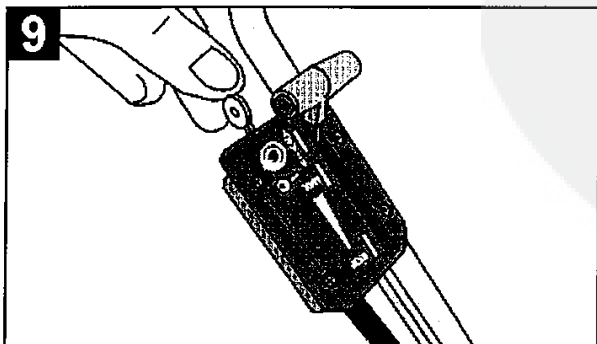
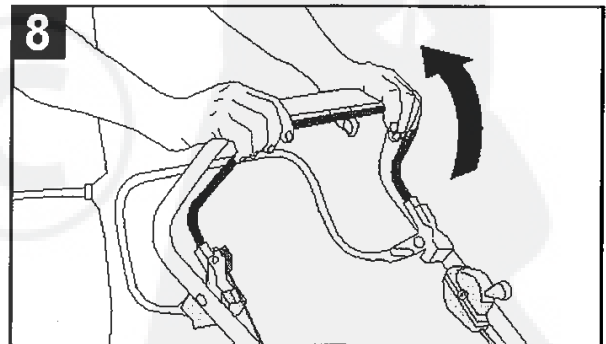
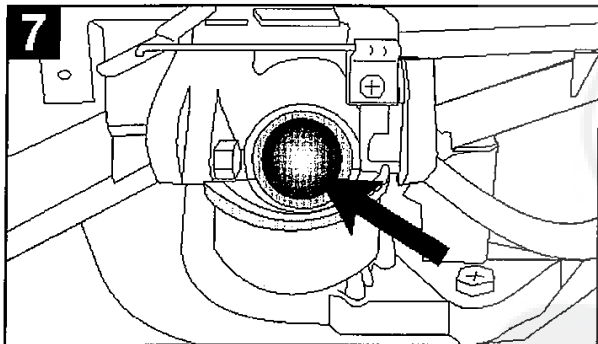
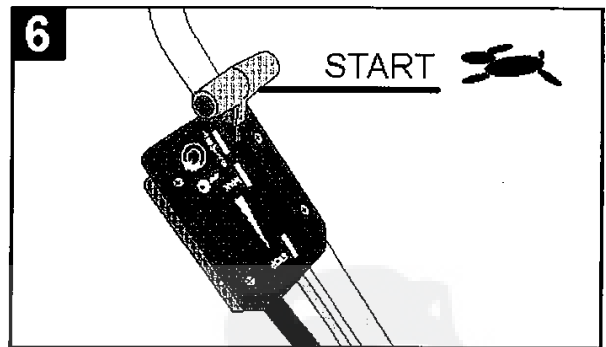
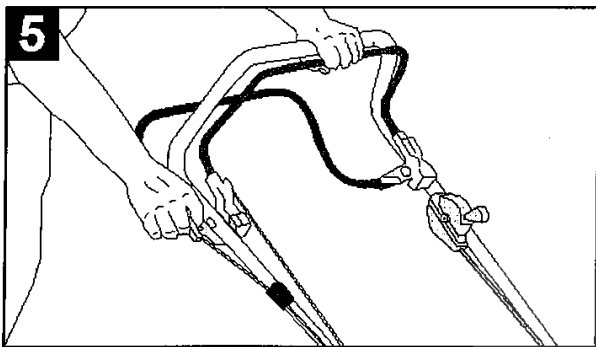
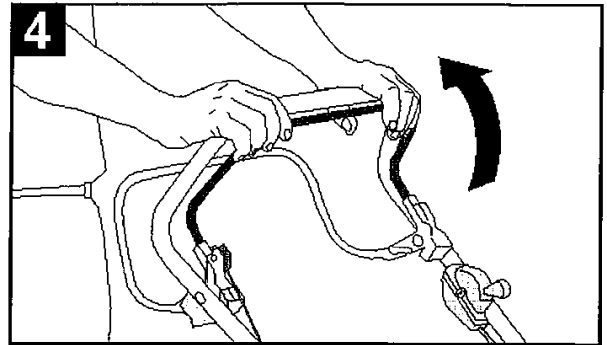
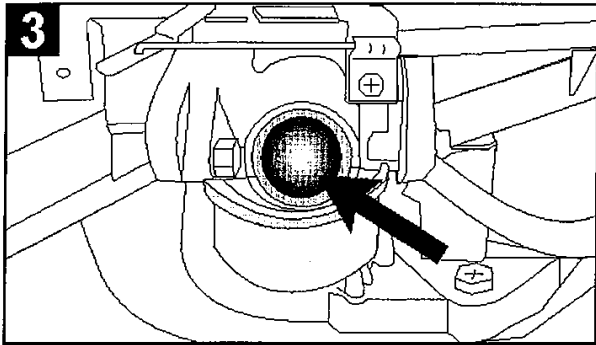
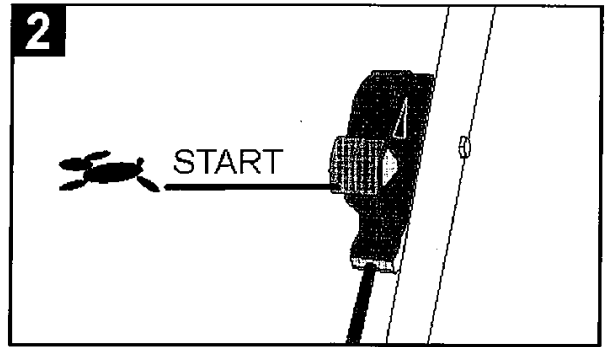
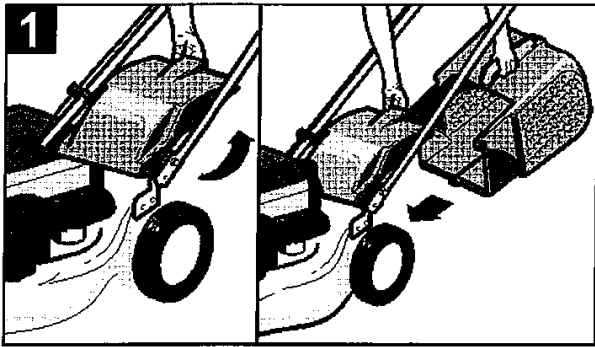
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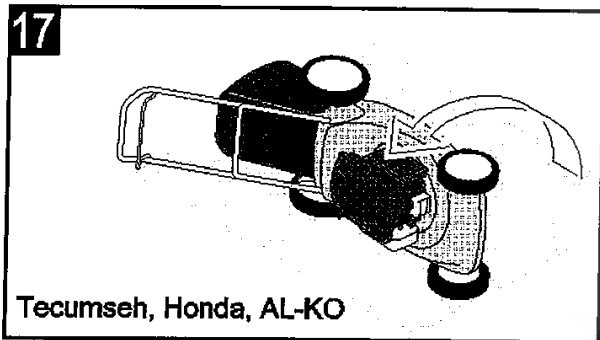
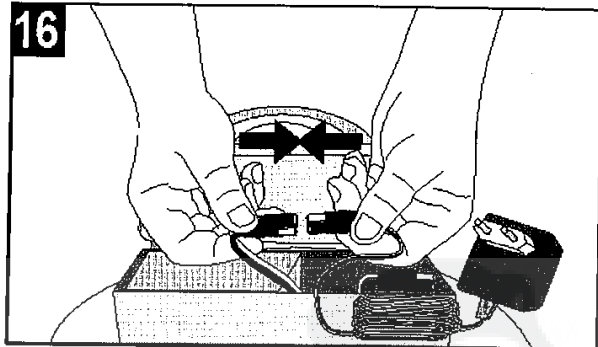
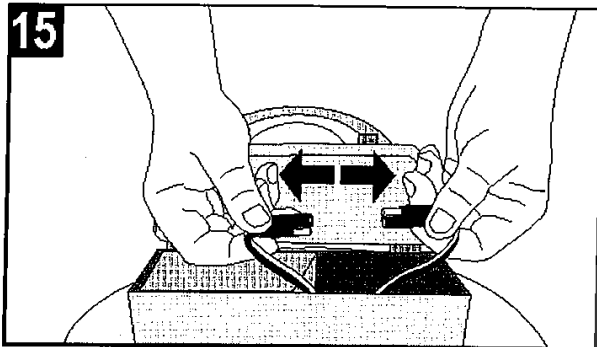
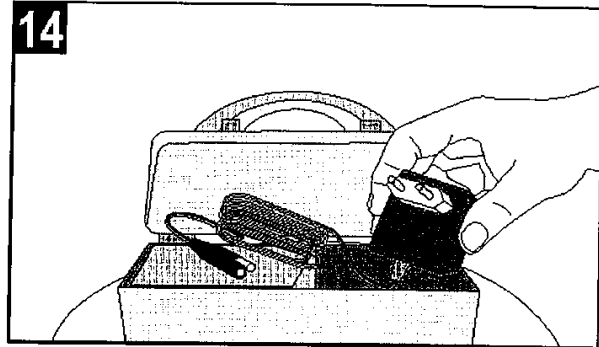
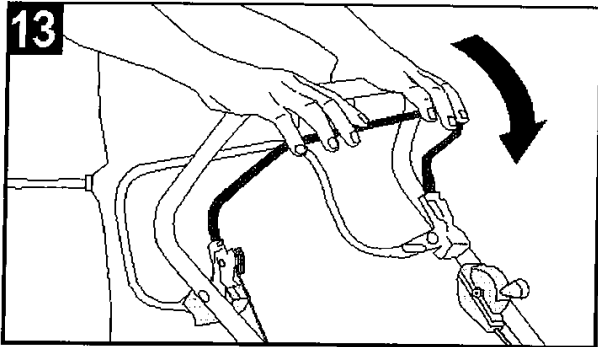
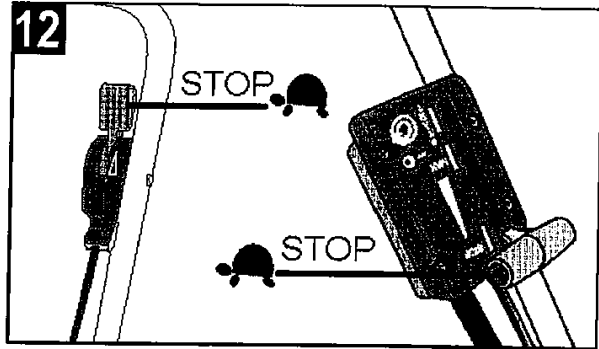
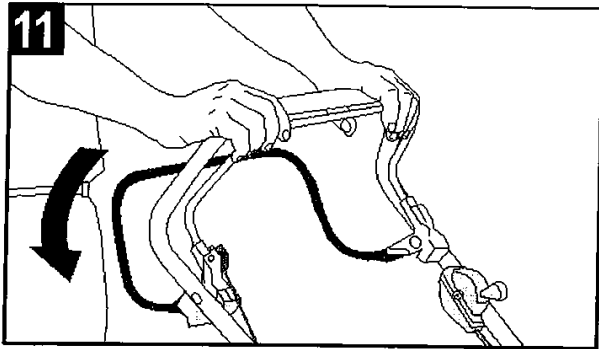
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## Safety instructions

When using lawn mowers, comply with the following basic safety instructions to protect against risk of injury:

- Read and then comply with the operating manual.
- Keep the operating manual for subsequent use or for the next owner.
- Follow the safety instructions and warnings.

### Users

- People under 16 years or people who have not read the operating instructions are not allowed to use the machine. Local regulations may specify the minimum age.
- Wear long, tight-fitting trousers and non-slip footwear.

### Working area

- Carefully check the whole of the area which is to be mown. Remove all foreign objects such as stones, sticks, wire, bones, etc.
- Do not use the lawn mower if there are any persons (caution: children) or animals (including wildlife) in the working area.

### Operating times

- Observe national operating times for lawn mowers (noise prevention). See operating manual for permitted operating times.
- Use the lawn mower only in daylight or if the working area is well illuminated.

### Operation

- Always visually inspect the lawn mower before use.
- Damaged or worn parts must be replaced immediately.
- Use the unit only in a technical condition stipulated by the manufacturer.
- The user of the unit is responsible for any accidents involving other persons or their property.
- Switch off the motor before crossing surfaces other than the surface which is being mown.
- Do not start the motor if you are standing in front of the discharge channel (side discharge mower).

- Use the lawn mower on lawns only.
- Do not disable the safety equipment or protective equipment on the lawn mower.
- The cutter must be freely rotatable before the lawn mower is started. Disengage any drives.
- If the lawn mower has to be lifted before it can be started, the cutter must be facing away from the user
- Keep hands and feet away from rotating parts.
- The lawn mower may only be used in compliance with the safety distance provided by the guide handle.
- Ensure that you have a secure footing.
- Never lift or carry the lawn mower while the motor is running. Wait until the cutter has come to a standstill and pull off the spark-plug connector.
- Always cut across a slope. Never mow up or down slopes or at an incline greater than 15°.
- Caution when changing direction of travel or when mowing backwards.
- Guide the lawn mower at walking pace only.
- Keep the exhaust and engine free of leaves, grass and any spilt oil.
- Do not leave the lawn mower unsupervised.
- Turn off the engine and pull out the spark plug if the mower starts to vibrate unusually severely. Afterwards it should be checked immediately by an expert.

### Warning! Petrol is highly flammable!

- Store petrol in designated containers only.
- Fill up with petrol outdoors only. Do not smoke while filling up with petrol!
- Do not open the tank cap or refill with petrol while the engine is running or when the machine is hot.
- If petrol overflows, do not start the engine. Clean the unit and do not start the engine until the petrol vapours have dispersed.
- For reasons of safety replace a damaged petrol tank and/or tank cap.

- When filling up with petrol, use a funnel or filling tube to prevent fuel from running onto the engine, the housing or the lawn.



**Risk of burns!**  
**The exhaust and the areas around the exhaust may rise to a temperature of 80 °C.**  
**Replace damaged mufflers.**

- Do not change the governor settings of the engine.
- Never leave a combustion engine running in closed areas. Risk of poisoning!

### Maintenance and storage

Before performing **any** work on the unit:

- Switch off the engine, wait until the blade has come to a standstill and pull off the spark-plug connector.
- If working near the blade, always wear protective gloves.
- If there is petrol in the tank, never store the lawnmower in buildings in which petrol vapours may come into contact with a naked flame or sparks –

#### Risk of explosion!

- The petrol tank should be drained outdoors only.
- Before storing the machine in a closed room, leave the engine to cool down.
- Do not spray the lawn mower with water.
- The lawn mower may be repaired by authorised specialist companies only.

### Spare parts and accessories

- Use original spare parts and accessories only.
- We reserve the right to introduce changes to the design and model without prior notice.

## Safety devices

### Safety lever

Release the safety lever in a moment of danger. Motor and cutter are stopped. Do not disable the function of the safety lever.

## Protective devices

### Rear flap

Protective devices prevent injury from objects ejected by the cutter. Do not operate the lawn mower without protective devices.

## Explanation of the symbols on the unit



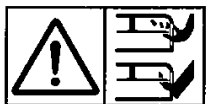
Make sure you read the instruction manual before operating the machine!



Keep all bystanders away from the operating range of the machinery!



This product has sharp blades - before carrying out maintenance work, disconnect the spark plug cap to prevent accidental starting!



Caution against sharp blades  
 Keep hands and feet away from the discharge channel!



Release motor brake

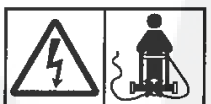


Switch on wheel drive

### These symbols apply only to electrical lawnmowers.



Sharp blades - remove mains plug before carrying out maintenance work or if the cable is damaged!



Keep cable away from cutting blades!

### In this operating manual



**Danger!**  
**Non-compliance could result in personal injury.**

## Intended use

**This lawn mower has been designed for cutting grass. Any other use is not permitted.**

The lawn mower is suitable for private use in the garden only. Lawn mowers for private use are those which are used for cutting grass and lawns in the garden, however not for cutting grass in public parks, playing fields or on farms or in forests.

### Non-permitted users:

Persons who are not familiar with the operating manual, children, young people under the age of 16 as well as persons under the influence of alcohol, drugs or medication must not operate the unit.

### Operating times for petrol lawnmowers


Please also observe the municipal regulations on the operation of lawn mowers!

Monday – Saturday Not allowed on Sundays  
7.00 – 12.00 Uhr and bank holidays!  
15.00 – 19.00 Uhr

## Assembly

Assemble this unit in accordance with the separately enclosed assembly manual.


## Protection of the environment, disposal

 Do not dispose of worn-out units through the household garbage!

The appliance, its packaging and accessories are all produced from recyclable materials and must be disposed of accordingly.

## Switching on the unit

Do not switch on the unit until it has been completely assembled.

 The numeral printed on the left before the text (e.g. ③) refers to the diagrams.

Always comply with the petrol engine operating manual supplied by the engine manufacturer.

**Before switching on the machine for the first time, fill up with oil and petrol!**

Petrol: Standard petrol – lead-free

Engine oil: See operating manual supplied by the engine manufacturer.

**Filling up with petrol:** The tank cover is situated on the petrol tank and is identified by the symbol “petrol pump” (petrol station).

**Filling up with oil:** Capacity approx. 0.6 litres

Engine without dipstick:

Fill up to the upper edge of the inlet nozzle.

Engine with dipstick:

Fill up to the mark between “FULL” and “ADD” on the dipstick.

The oil level is checked with the dipstick screwed in.

## Hanging in the grass catch box



**Only when motor and cutter are at standstill!**

- ① Lift the discharge flap and hang in the grass catch box.

## Setting the cutting height

See installation booklet

**All wheels must be at the same height!**

## Starting the engine

The engine cannot be started until the blade has been attached (balance weight)!


## Starting the engine manually

a) Without throttle remote control


- ③ Press the primer button 3x at intervals of approx. 2 seconds.  
At temperatures below 10 °C press the primer button 5x.

**If the engine is warm, do not press the primer button!**



- ④ Pull the engine brake handle towards the upper handle and hold in position – the engine brake handle does not lock into position.
- ⑤ Quickly pull out the starter cable and then let it slowly wind up again.

 The engine has a fixed throttle setting. Speed control is therefore not possible.


**b) b) With throttle remote control**

- ② Throttle to position  (start)
- ③ Press the primer button 3x at intervals of approx. 2 seconds.  
At temperatures below 10 °C press the primer button 5x.



**If the engine is warm, do not press the primer button!**

- ④ Pull the engine brake handle towards the upper handle and hold in position – the engine brake handle does not lock into position.
- ⑤ Quickly pull out the starter cable and then let it slowly wind up again.  
As soon as the engine is running, position the throttle between  (start and  (stop) according to the desired engine speed.

**Starting the engine electrically**

- ⑥ Throttle to  position (start)
- ⑦ Press the primer button 3x at intervals of approx. 2 seconds.  
At temperatures below 10 °C press the primer button 5x.

**If the engine is warm, do not press the primer button!**

- ⑧ Pull the engine brake handle towards the upper handle and hold in position – the engine brake handle does not lock into position.
- ⑨ Turn the ignition key in the ignition lock all the way to the right – when the engine is running, release the ignition key.  
The ignition key moves back to position "0". Position the throttle between  (start) and  (stop) according to the desired engine speed.

**Switching on the wheel drive**

**Applies only to units with a wheel drive!**


**Do not engage the gears while the engine is at a standstill!**

- ⑩ Press the gear switch lever against the upper handle and keep hold – the gear switch lever does not lock into position.  
Driving speed: approx. 3,5 km/h

**Switching off the wheel drive**

- ⑪ Release the gear switch lever.

**Switching off the motor**

- ⑫ Move the throttle to position  (Stop)
- ⑬ Release the engine brake handle.



**When the motor has been switched off, the cutter continues running for several seconds – therefore do not touch the underside of the mower until the cutter has come to a standstill!**

**Removing the grass catch box**

**Only when motor and cutter are at standstill!**

The grass catch box must be emptied at the latest when level indicator is closed or as soon as cut grass remains on the ground.

To empty grass catch box, lift the discharge flap and remove it backwards.

**Mowing without grass catch box**

**Only with a functioning torsion spring of the discharge flap!**

The discharge flap lies on the lawn mower housing under a spring force.

The cut grass is now discharged downwards.

**Retrofitting lawn mower for: Mulching mower or sideways discharge mower**

(for suitable machines)

For this, refer to the separately, attached operating / assembly manual.

## Maintenance and care



**Before carrying out any maintenance or cleaning work, pull off the spark plug connector!**

### Cleaning the machine

After mowing, clean the unit thoroughly. Do not spray the unit with water. Water which gets into the ignition system or the carburettor may result in malfunctions. Clean the unit with a cloth, hand brush, etc.

**i** If the mower is tilted sideways, the motor must be (depending on the manufacturer): **17 18**

**TECUMSEH, HONDA or AL-KO:**

→ Carburetor/air filter

**BRIGGS & STRATTON:** → spark plug

**Point upwards!!!**

See motor manufacturer's operating manual!

### Expert inspection is required:

- if the lawn mower strikes an object
- if the motor stops suddenly
- if the blade is bent (do not align!)
- if the motor shaft is bent (do not align!)
- if the gears are damaged
- if the V-belt is defective

### Changing the oil / air filter / spark plug

See operating manual supplied by the engine manufacturer.

### Drive gears

The gears are maintenance-free.

### Replacing and resharpening the mowing blade

At the end of the mowing season always sharpen the mowing blade or, if required, replace the mowing blade with a new one. Always have the mowing blade sharpened or replaced by a customer service centre (measurement of imbalance).



**Unbalanced blades will cause the lawn mower to vibrate violently – risk of accident!**



## Starter battery



**The starter battery is recyclable.**

*Do not dispose of used, leaking or defective starter batteries **with the household rubbish!***



Batteries must even be taken out of units which are to be recycled and disposed of accordingly. Starter batteries can be disposed of in the proper manner by your dealer or at municipal collection points (recycling yard).

### Charging the starter battery

The starter battery (Pb) is maintenance-free. Before switching on the mower for the first time, the starter battery should be recharged. The battery recharges itself while the lawn is being mown. Recharge the battery if discharged, before the winter break or if the machine is not to be used for a prolonged period (> 6 months).

- 14 Take the battery charger out of the battery case.
- 15 Disconnect the battery cable from the engine cable.
- 16 (Connect the battery cable to the battery charger cable.

Connect the battery charger to the power supply. The charging time lasts approx. 36 hours. Use only the supplied original battery charger.



Charge the starter battery in a dry room only!



**Do not operate the lawn mower while the battery is being charged!**

### Storing the unit

Store the unit in a dry room – allow the motor to cool down beforehand.

To reduce storage space, the upper handle can be folded down. Unscrew the wing nut by approx. 6 revolutions.

**Caution:** The Bowden cables must not be kinked.  
During winter store the starter battery in a frostfree location.

## Warranty

We shall rectify any material or production faults on the machine during the statutory limitation period for claims based on defects according to our choice of repair or replacement. The limitation period is determined under the law of the country in which the machine was purchased.

The guarantee is only valid under the following conditions:

- The machine has been treated properly.
- The operation instructions have been followed.
- Genuine spare parts have been used.

The guarantee is void if:

- Attempts have been made to repair the machine.
- The machine has been altered.
- The machine is not used as intended
- Commercial or municipal use, etc.

The following items are excluded from the guarantee:

- Paint damage due to normal wear.
- Natural wear and parts which are identified by the frame on the **XXX XXX (X)** spareparts card.
- Internal combustion engines – separate guarantee conditions apply to these from the relevant engine manufacturer.


In the event of a claim under the guarantee, please contact your dealer or the nearest authorised customer service centre with this guarantee declaration and a proof of purchase.

The statutory claims of the purchaser based on defects with respect to the seller shall remain unaffected by this promise of guarantee.

## Troubleshooting



**Before carrying out any maintenance or cleaning work, pull off the spark-plug connector!!**

Fault	Remedial action
Engine does not start	Fill up with petrol Move throttle to position  (start) Pull the engine brake handle towards the upper handle Check the spark plug and, if required, replace Clean the air filter Start on short grass or on an area which has already been mown Clean discharge channel / housing – the mowing blade must rotate freely Recharge the starter battery
Motor power drops	Correct the cutting height Resharpen / replace the mowing blade → customer-service centre Clean discharge channel / housing Clean the air filter Schritt-Tempo verringern
Inexact cut	Resharpen / replace the mowing blade → customer-service centre Correct the cutting height
Grass catcher is not filled sufficiently	Correct the cutting height Allow the lawn to dry Resharpen / replace the mowing blade → customer-service centre Clean the grille on the grass catcher Clean discharge channel / housing
Wheel drive does not function	Re-adjust the Bowden cable V-belt defective → customer-service workshop Transmission defective → customer-service centre
Wheels do not turn when the transmission is engaged	Retighten wheel bolts Wheel hub defective → new wheel V-belt defective → customer-service centre

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