

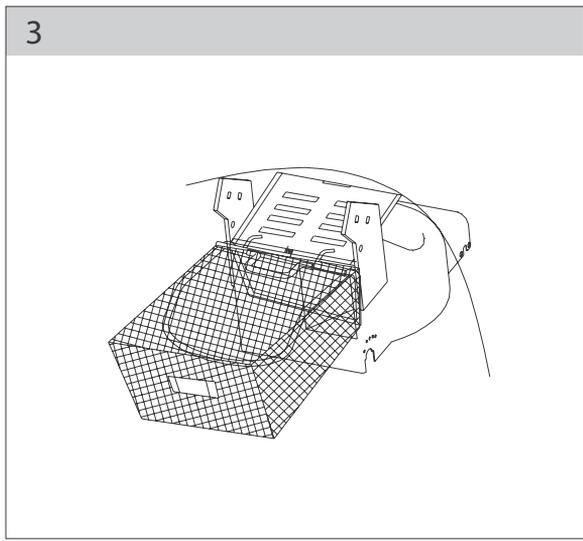
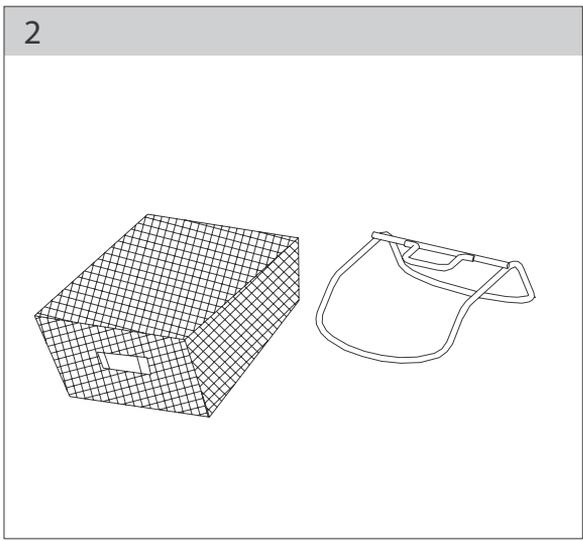


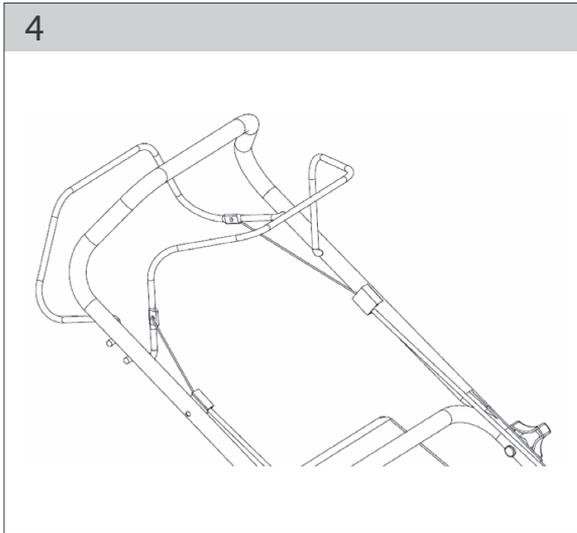
**FIELDMANN**<sup>®</sup>  
Home & Garden Performance



FZR 4001-B

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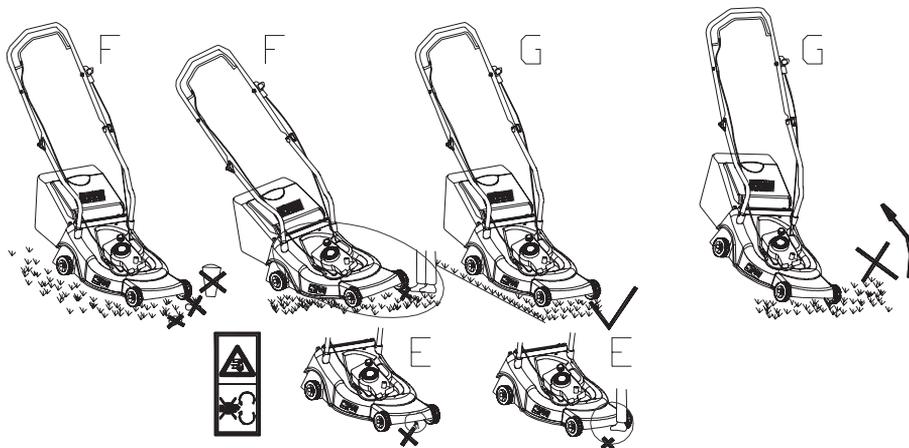




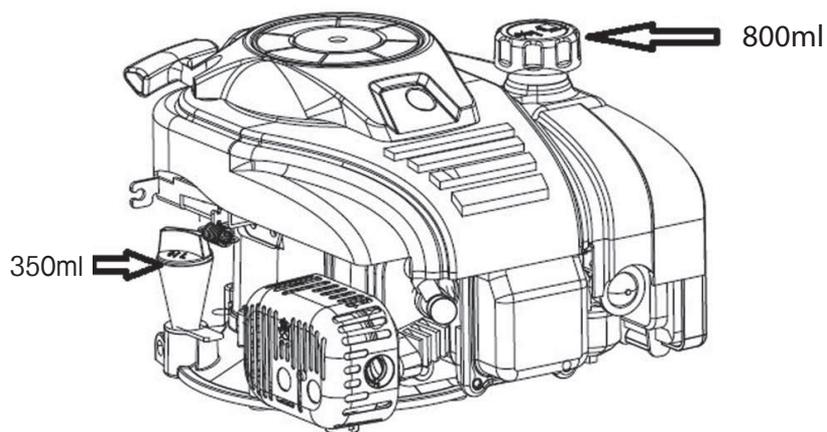
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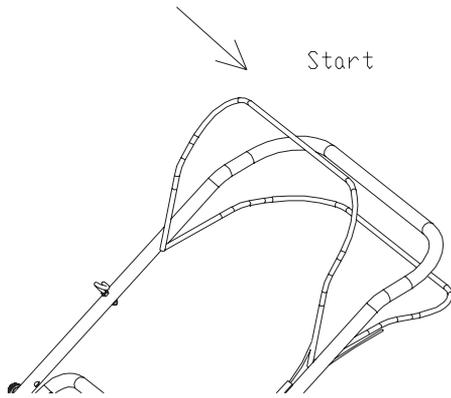
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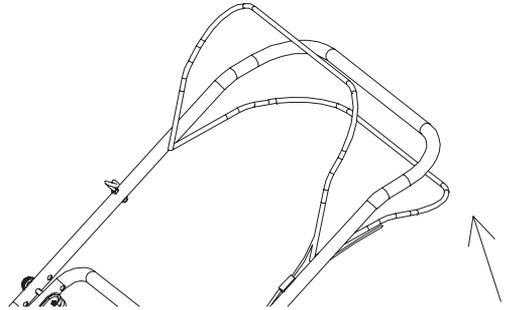
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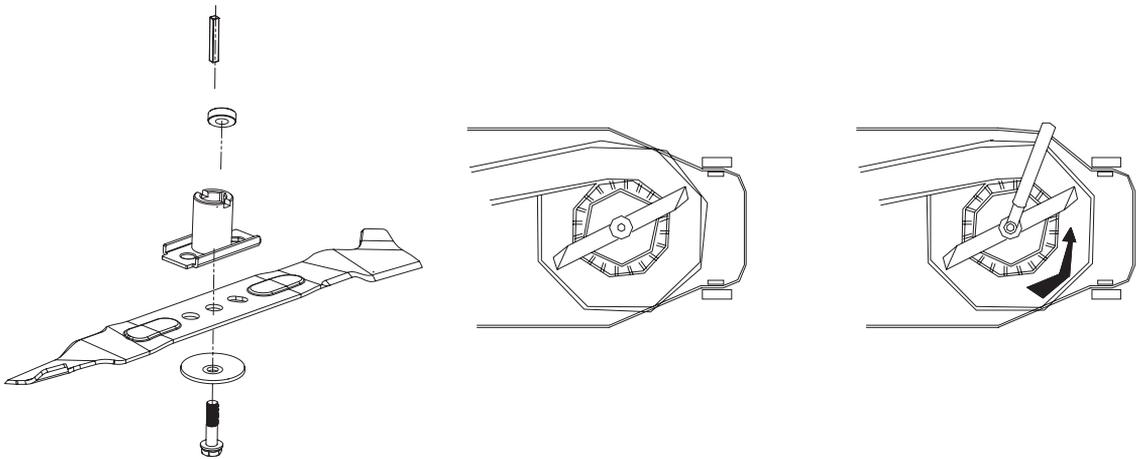
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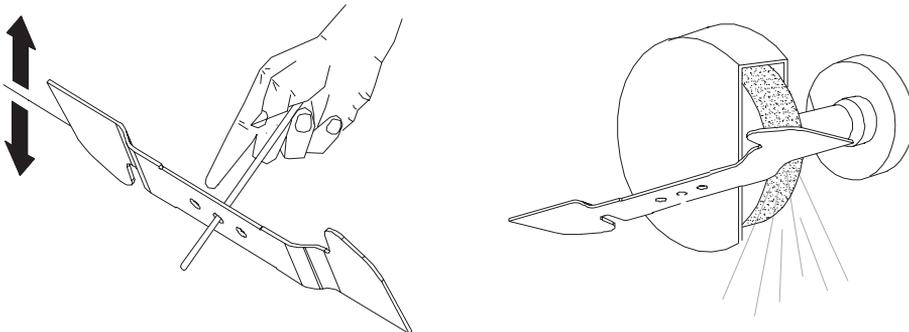
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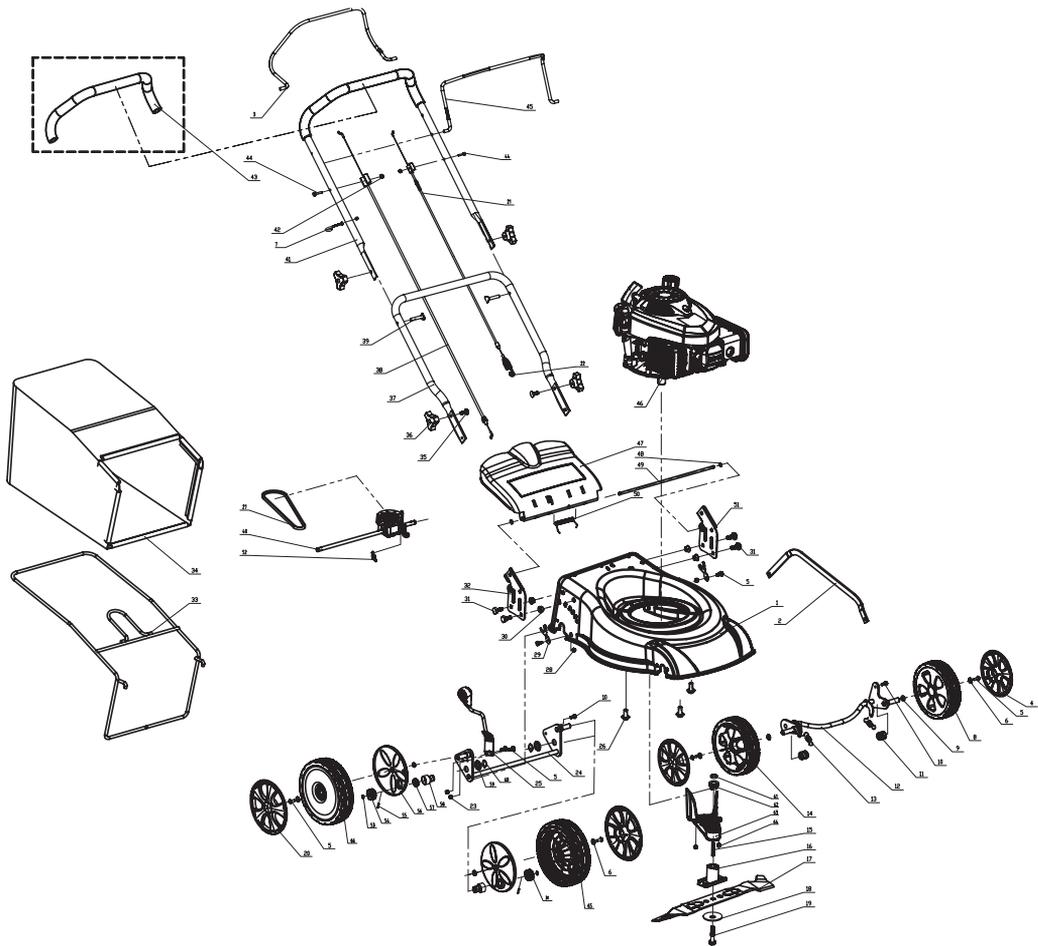


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# Gasoline garden mower

## OPERATION MANUAL

**Thank you for your purchase of our garden gasoline rotational mower. Before beginning to use it, please, read this operation manual carefully and keep it for the case of a further use.**

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# 1. GENERAL SAFETY INSTRUCTIONS

## Important safety warnings

- ✿ Unpack the product carefully and be sure not to throw away any part of the package before having found all components of the product.
- ✿ Keep the product in a dry place out of reach of children.
- ✿ Read all cautions and instructions. The failure to adhere to warning cautions and instructions may result in an accident, fire and/or a serious injury.

## Packaging

The product is placed in a package preventing damage during transport. This package is a raw material therefore it can be handed-over for recycling.

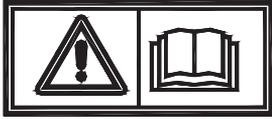
## Instructions for use

Before beginning to work with the machine, read the following safety rules and instructions for use. Familiarize with operating elements and the proper use of the device. Keep the manual in a safe place for future reference. We recommend keeping the original package including the inner packaging materials, cash voucher and guarantee card for a period of warranty at minimum. For a case of transportation, pack the machine into the original box from the manufacturer, thus ensuring a maximum protection of the product during a possible transport (e.g. moving or sending into a service station).

-  **Note:** If you hand the machine over to next persons, hand it over together with the manual. Adherence to the attached instructions for use is a precondition for the proper use of the machine. The operation manual includes also instructions for operation, maintenance and repairs.

**The manufacturer does not take any responsibility for accidents or damages resulting from the failure to adhere to this manual.**

## 2. EXPLANATION FOR INSTRUCTION PLATES ON THE MACHINE



Before putting into operation, please, read the operation manual carefully.



Keep other persons out of the working area.



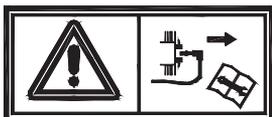
Warning! Rotating knives! Protect yourself against risk of limb injury.



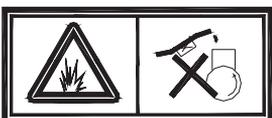
Toxic gases emissions. Do not use the gasoline mower in enclosed or unventilated areas.



Hot surfaces, danger of burn injury!



Before maintenance switch-off the engine and disconnect the spark plug.



Never fill up fuel while the engine is running.

## 3. MACHINE DESCRIPTION AND DELIVERY CONTENT

### Machine description (see Fig.1)

- 1 - Brake lever
- 2 - Travel lever (only for FZR 4001 – B type)
- 3 - Upper handle
- 4 - Bottom handle
- 5 - Engine
- 6 - Bogie

### Delivery content

Take the garden machine carefully out of the package and check whether the following parts are complete:

- ✿ Rotational mower
- ✿ Collection basket
- ✿ Upper and bottom part of the mower handle
- ✿ 4 wheels
- ✿ Installation set
- ✿ Operation manual
- ✿ Warranty certificate

In the case of some parts missing or damaged, please, contact the dealer where you've bought the machine.

## 4. MACHINE ASSEMBLY

### Collection basket installation

- ✿ Insert the metal frame into the collection basket and fix (Fig. 2)
- ✿ Pull the deflector out and put the collection basket on its place (Fig. 3)

### Handle installation (Fig. 4)

- ✿ Mount the upper and bottom part of the handle with the help of two attached bolts and plastic nuts. Fit the starter lever on the right side of the handle and fasten the cable with the help of a plastic clamp. Anchor the starter lever cable into the supporting plastic clamps on the handle.

## Setup of mowing height (Fig.5)

- ✿ Moving the lever of mowing height central setup you can opt for 6 mowing height positions.

## 5. SAFETY INSTRUCTIONS (Fig.6)

- ✿ Use the mower always with the collection basket or the set deflector.
- ✿ Switch-off the engine before emptying the collection basket or changing the mowing height.
- ✿ Never put your hands or legs under the mower or under the place of grass spitting-out while the engine is switched-on. (Fig. E).
- ✿ Recheck the workspace before each use. Remove objects which may be flung away or get stuck into the machine. (Fig. F)
- ✿ Never use the mower if other persons, children or freely moving domestic animals are around.
- ✿ Never lift the mower up while starting the engine. (Fig. G)

## 6. OPERATION

**⚠ Pozor:** Before the first use of the mower, please, read carefully the engine operation manual!

**⚠ Pozor:** The mower is delivered without engine oil! Before using the machine fill up 0.35 l of oil.

**⚠ Pozor:** Change oil regularly following every 20 hours of service.

- ✿ Mowing knives start to rotate immediately after starting-up the engine. While mowing, keep the brake lever in the working position. The engine stops as soon as you release the brake lever. (Fig. 8)
- ✿ The travel is controlled by holding the drive lever towards the handle and by pushing the control drive lever together with the brake lever. (Fig. 9)

## 7. GEARBOX

- ✿ Check the travel condition regularly: keep it clean, lubricate metal components, wheelwork and bearings.

## 8. SAFETY INSTRUCTIONS

### General Safety Instructions

- ✿ This product is intended exclusively for grass mowing. Do not use for any other purposes than that one it is intended for. In the opposite case there is a danger of its damage or injury.

- ✿ Never allow children or persons unfamiliar with these instructions for use to work with the device.
- ✿ The person operating the mower is responsible for safety of persons in the working area. Never use the mower near other persons, children or freely moving animals.
- ✿ Check the terrain on which the mower is to be used before beginning mowing and remove stones, wires, sticks, shatters, bones and other foreign objects which might be stuck or flung away and cause an injury.

## Instructions for use

- ✿ All nuts, pins and bolts must be tightened properly so that the device is in a safe and serviceable condition.
- ✿ Never use the mower without the collection basket or the protective cover.
- ✿ Never use the mower with loosened knife blades. Always make sure in advance that the respective bolts are tightened thoroughly. Blunt blades must be sharpened, and that must be done evenly. Knives with damaged blades need to be replaced.
- ✿ When working with the mower, use trousers with long legs and safety shoes.
- ✿ Never start-up the mower in enclosed or badly ventilated areas where vapours may accumulate. Emissions coming out from the engine contain carbon monoxide which is dangerous to life.
- ✿ Work only when lighting is adequate (daylight or sufficient illumination).
- ✿ Do not use the mower when raining or grass is wet.
- ✿ Be extremely careful when mowing on a raising terrain (slope). Always mow across the slope, parallel with a contour line, never perpendicularly to it uphill/downhill.
- ✿ Never let the mower run without an operator; if you leave the mower, switch the engine off.
- ✿ When starting, never lift the rear part of the mower up and never draw your limbs near the bogie or into the opening for rear grass spitting while the engine is running.
- ✿ Never change engine speed setup.
- ✿ As for the mowers with a travel, release the travel before starting-up the engine.
- ✿ Never carry the mower over while the engine is running.
- ✿ Stop the engine and disconnect the spark plug in following cases:
  - Before performing any activity under the mowing cover or under the opening for rear grass spitting.
  - Before performing maintenance, repair or machine checkup.
  - Before carrying, lifting-up or displacing the mower.
  - When leaving the mower without supervision or intending to adjust mowing height setup.
  - Before disassembling and emptying the collection basket.
  - If a collision with a foreign object occurred, stop the engine and check the mower carefully to exclude a possibility of damage. In a case of damage, transport the mower to a specialized service station in order to get it repaired.

**⚠ WARNING!** After switching-off the engine, the mowing knife is rotating on for several seconds.

- In a case of abnormal vibrations of the mower (find-out and ensure removal of the vibration cause immediately).
- In order to ensure safe operation, check proper tightening of pins, bolts and nuts in the mower regularly.

**⚠ WARNING!** Fuel is highly combustible liquid.

- ✿ Store fuel in an approved jerry can.
- ✿ Fill-up fuel only in open or well ventilated areas. When handling fuel, do not smoke or use a mobile phone.
- ✿ Fill-up fuel only providing that the engine is switched-off. Never open the fuel tank and fill-up fuel while the engine is hot or running.
- ✿ Do not start-up the engine if gasoline spillage occurred. Remove the mower from the place where the fuel was spilled and avoid possible ignition. Do not go on working until the spilled fuel is evaporated and fuel vapours are dispersed.
- ✿ After fillig-up fuel, tighten the fuel tank lid as well as fuel jerry can cap thoroughly.

**⚠ WARNING!** Before performing maintenance or repair, switch-off the engine and disconnect the spark plug.

## 9. MAINTENANCE

### Care for lawn

- ✿ According to a kind of the grass surface, various ways of care are needed.
- ✿ Therefore always read instructions printed on seed packages concerning mowing height with regard to growth conditions in a given region.
- ✿ You need to have in your mind all the time that a larger part of grass consists of a grass-blade and one or more leaves. If leaves were cut-off completely, grass damage occurs and growth restoration is much more difficult.
- ✿ In general, following instructions apply:
  - too low mowing causes disturbance of roots and follow-up “spotted” appearance;
  - in summer, mowing has to be higher in order to prevent soil desiccation;
  - mowing wet grass may cause knife efficiency reduction owing to grass sticking to the knife and pulling-out grass vegetation;
  - in a case of extraordinarily high grass, it is advisable to carry out the first mowing with maximal allowed height and then to carry out the second mowing after two or three days.
- ✿ A lawn will have a better appearance thanks to regular and full-area uniform height mowing and alternation of two directions.

## Maintenance

- ✿ All nuts, pins and bolts must be tightened properly so that the Device is in a safe and serviceable condition. Regular maintenance is a basic precondition to ensure user's safety, to keep serviceability and high performance of the mower.
- ✿ Never store the device with gasoline in the tank inside a building where vapours might reach open fire, sparks or a high temperature source.
- ✿ Let the engine cool down before storing in any enclosed area.
- ✿ To reduce fire risk make sure that the mower and especially the engine, exhaust muffler, batteries and also a place for storage of spare gasoline are cleaned from rests of grass, leaves or excessive amount of grease.
- ✿ Check the deflector and collection basket condition regularly; replace in a case of damage.
- ✿ Perform fuel draining in a well ventilated area while the engine is cooled-down.
- ✿ Wear thick working gloves when removing or installing the mowing knife.
- ✿ After every sharpening of the mowing knife blade, its counterbalancing needs to be checked.

**⚠ WARNING!** Before performing maintenance or repair, switch-off the engine and disconnect the spark plug.

- ✿ Before using the four-stroke engine, please, read the engine operation manual carefully. Check the oil level regularly, fill-up or change if needed.
- ✿ Check the mower regularly and make sure that all grass deposits in the bottom part of the bogie are removed.
- ✿ Lubricate the bogie shaft and bearings with suitable grease regularly.
- ✿ Check the condition of the knives regularly, as they influence the mower output substantially. Knives should always be sharp and counterbalanced
- ✿ Check tightening of all bolts and nuts in regular intervals. Worn-down or improperly tightened nuts and bolts may cause serious damage to the engine or the frame.
- ✿ If the knife hits an obstacle hardly, stop the mower and transport it to an authorized service station
- ✿ **KNIFE:** The knife is made of pressed steel. To achieve as good mowing as possible, grind the knife regularly, approximately after every 25 hours of operation. Make sure the knife is always counterbalanced well. For this purpose, insert a small iron axis (of 2-3mm diameter) into the central opening of the knife. If the knife is balanced properly, the axis is maintained in the horizontal position.
- ✿ If the knife is not maintained in the horizontal position, replace it.
- ✿ When dismantling the knife, unscrew the bolt, check the carrying part of the knife. Replace, if parts are worn-down or damaged.
- ✿ When installing the knives, make sure that cutting edges point to the direction of the engine rotation. The knife mounting screw must be tightened by 3.7 K gm (37Nm) torque with the help of a torque spanner.(Fig. 10 and 11).

**⚠ WARNING!** Use only genuine original spare parts. Low-quality spare parts may cause serious damage to the mower and endanger your safety.

## Service

- ✿ In the case you find-out any defect after having purchased the product, contact the service department. When using the product, observe instructions given in the attached operation manual
- ✿ Your claim will not be taken into consideration if you have modified the product or have not adhered to the instructions given in this operation manual.

## Warranty does not cover:

- ✿ Natural wear of functional parts of the machine in consequence of its use
- ✿ Service interventions relating to the standard maintenance of the machine (e.g. cleaning, lubricating, adjusting, etc.)
- ✿ Faults caused by outer influences (e.g. climatic conditions, dustiness, unsuitable use, etc.)
- ✿ Mechanical damage resulting from a fall of the machine, shock, impact, etc
- ✿ Damages resulting from unskilled handling, overloading, the use of improper parts, unsuitable tools etc.
- ✿ The risk of possible damage of claimed products which have not been secured against mechanical damage during the transport properly is born exclusively by the owner.

## Storage

- ✿ If not using the machine for a longer time, store it according to the following instructions. Thus you will prolong the service life of your machine.
- ✿ Drain fuel from the fuel tank and the carburetor completely. Close the primer and pull the starter 3 – 5 times.
- ✿ Unscrew the spark plug and put a small amount of engine oil into the hole.
- ✿ Pull the starter 2 – 3 times gently
- ✿ Clean outer surfaces by a clean cloth. Store the machine in a clean and dry place.

# 10. TECHNICAL DATA

Engine type: .....	XAS1P56F
Nominal output: .....	1,9 kW
Engine speed: .....	3000rpm
Stroke volume: .....	99cc
Starting: .....	By pulling
Fuel tank capacity: .....	800ml
Oil tank capacity: .....	350ml

Adjustable mowing height : .....25-75mm with 6 positions  
 Height setup: ..... Central height setup  
 Mowing width:.....41 cm  
 Declared noise level: .....96 dB(A)  
 Netto/brutto weight: .....26kg/28kg

Instructions Manual - language version only.

## 11. FZR 4001 – B MOWER LAYOUT

☼ Schematic layout of KJ410S mower (Fig.13)

## 12. DECLARATION OF CONFORMITY

### EC Declaration of Conformity

FAST ČR, a.s., Černokostecká 1621, 251 01 Říčany u Prahy, tel.: 323204111, declares obligatorily that Fieldmann FZR 4001 - B gasoline mower (year of manufacture is marked on the type plate and is followed by the machine serial number) conforms to regulations of the COUNCIL DIRECTIVES:

EC no. 2006/42/EC, 2004/108/EC, (number of the approval certificate: AM5016511760001)  
 EC no.2004/26/EC (emission of gaseous and particulate pollutants)

and has been tested in compliance with the following standards:

EN 836:1997 +A4:2011  
 ZEK 01.04/11.11  
 EN ISO 14982:2009

The company FAST ČR, a.s. is entitled to act on behalf of the manufacturer.

CE label: 13

Říčany, 29 November 2013

Name Stamp Signature

**FAST** FAST ČR, a.s.  
 Černokostecká 1621  
 251 01 Říčany u Prahy  
 ICO: 26726548 tel.: +420/ 323 204 111  
 DIČ: CZ26726548 fax: +420/ 323 204 110

Petr Uher  
 quality manager

## 13. DISPOSAL

### **INSTRUCTIONS AND INFORMATION ON USED PACKAGE DISPOSAL**

Put the used packaging material to the place designated for waste disposal by a municipality.



The machine and its accessories are made of various materials, e.g. of metal and plastics. Hand-over damaged components to sorted waste. Get yourselves informed at a respective authority.



This product meets all fundamental requirements of EU directives relating to it.

Changes of the text, design and technical specifications can be done without prior notice and we reserve the right for the changes