

Kubota

Code No. W780070560

RC44C-FC2

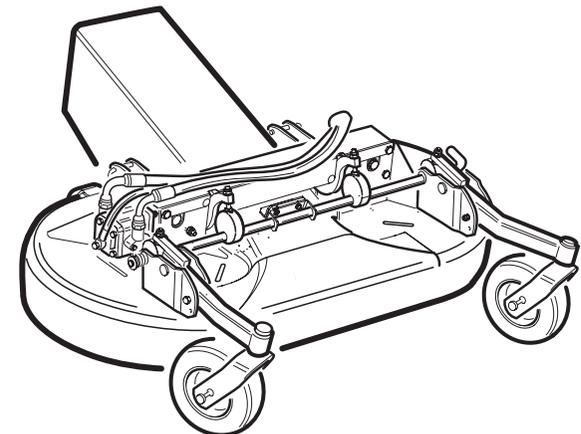
**OPERATOR'S MANUAL
MOWER DECK**

**MANUEL DE L'OPERATEUR
PLATEAU DE COUPE**

**BEDIENUNGSANLEITUNG
MÄHWER**

**MANUALE DELL'OPERATORE
PIATTO RASAERBA**

RC44C-FC2



ENGLISH

FRANÇAIS

DEUTSCH

ITALIANO

Kubota in Europe

- France : **Kubota Europe S.A.S.**
19-25, Rue Jules Verdecruysse, Z.I., BP88 95101 Argenteuil Cedex, France
TEL: (33)-1-3426-3434
- Germany : **Kubota (Deutschland) GmbH**
Senefelderstraße 3-5, 63110 Rodgau/Nieder-Roden, Germany
TEL: (49)-6106-873-0
- U.K. : **Kubota (U.K.) Ltd.**
Dormer Road, Thame, Oxfordshire, OX9 3UN, U.K.
TEL: (44)-1844-214500
- Spain : **Kubota España S.A.**
Calle Fernando Alonso número 15, Leganés, 28914 (Madrid), Spain
TEL: (34)-91-508-6442
- Turkey : **Kubota Turkey Makine Ticaret Limited Sirketi**
Cumhuriyet Mahallesi, Yahaya Kaptan Caddesi No: 3, Cayirova Kocaeli, Turkey
TEL: (90)-262-658-9045

pag.

EN	OPERATOR'S MANUAL	8
	Translation of the originals instructions	
FR	MANUEL DE L'OPERATEUR	22
	Traduction de la notice originale	
DE	BEDIENUNGSANLEITUNG	38
	Übersetzung der Originalbetriebsanleitung	
IT	MANUALE D'USO E MANUTENZIONE	54
	ISTRUZIONI ORIGINALI	

ILLUSTRATIONS AND DIAGRAMS	
ILLUSTRATIONS ET SCHÉMAS	
ABBILDUNGEN UND PLÄNE	
ILLUSTRAZIONI E SCHEMI	71



SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.



DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION: Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

IMPORTANT: Indicates that equipment or property damage could result if instructions are not followed.

NOTE: Gives helpful information.

INDEX

REMARKS REGARDING THE DISPOSAL OF THE PRODUCT, VALID FOR THE EUROPEAN COMMUNITY ..		7
0. NAMEPLATE CE		7
1. SERIAL NUMBER		7
2. TO OUR CUSTOMERS		7
3. INTENDED PURPOSE		8
4. FORBIDDEN FORESEEABLE USE		8
5. USER'S RESPONSIBILITY		8
6. SAFETY STANDARDS		8
7. TECHNICAL FEATURES		9
8. PERSONAL PROTECTIVE EQUIPMENT		9
9. TRANSPORT AND DISCHARGE		9
10. MOUNTING THE MOWER DECK		10
11. CONTROLS AND INSTRUMENTS		10
11.1 HYDRAULIC LIFTING OF MOWER DECK		10
11.2 P.T.O.		10
12. MOWER DECK HEIGHT ADJUSTMENT		10
12.1 RC44C-FC2 PLATE HEIGHT ADJUSTMENT		10
13. ORDINARY MAINTENANCE		10
13.1 ADDING OIL		10
13.2 CHANGING BLADES		10
13.3 CLEANING THE MOWER DECK		11
14. KIT MULCHING		11
15. EXTRAORDINARY MAINTENANCE		12
16. INACTIVITY OF THE EQUIPMENT		12
17. SAFETY STICKERS		12
17.1 KEY		12
18. NOTES		12

EN

REMARKS REGARDING THE DISPOSAL OF THE PRODUCT, VALID FOR THE EUROPEAN COMMUNITY



If you need to dispose of the attachment, respect the regulations in force in the country of use.

Abandoning the attachment may cause serious damage to the environment.

If there are batteries inside the attachment, they must be removed before disposing of it. The batteries must be disposed of separately, in the appropriate collection points, as they contain highly toxic substances. The crossed-out bin symbol in the figure indicates that it's strictly forbidden to dispose

of the attachment with normal waste.

0. NAMEPLATE CE

See figure 0.

The label is purely indicative, refer to the one affixed to the machine.

- | | |
|---------------------------|-------------------------------|
| 1) Manufacturer's address | 4) Year of construction |
| 2) Model | 5) Designation of the machine |
| 3) Mass | |

1. SERIAL NUMBER

See figure 1.

2. TO OUR CUSTOMERS

- We are pleased to welcome you as one of our customers.

- This manual is an integral part of the "Use and Maintenance" book of the FC2 engine.

- Before starting it, the operator must read carefully this manual and the manual of the FC2 engine, both for getting a better understanding of the functioning of the equipment and for the suggestions regarding the use and the maintenance contained in both manuals.

- The machine has been planned and designed to give the best performance under difficult conditions. Its working performance largely depends of course on its maintenance.

- Should there be any queries that have not been dealt with in this handbook please contact your dealer who will be able to help you.



This sign implies that safety regulations must be complied with at all times by the user so as to avoid accidents. Please, be careful when you see this sign. It is for your and other people's safety.



For the purposes of clarity, the illustrations may show the attachment without any guards.



Before you start working, make sure there is nobody near the machine.

3. INTENDED PURPOSE

The interchangeable equipment models RC44C-FC2 are equipment for cutting grass to be fitted on a multifunction tool holders machine of the FC2 series.

This equipment is mostly used professionally.

The interchangeable equipment may operate only if they are installed on a FC2 series multifunctional tool holders machine or on others expressly approved by the Kubota Gianni Ferrari Workshops.

Only use attachments, parts or accessories manufactured and supplied by Kubota Gianni Ferrari for the specific model you purchased.

Kubota Gianni Ferrari cannot be held liable if the attachment is fitted on other machines.

IMPORTANT: This procedure is expressly forbidden.

4. FORBIDDEN FORESEEABLE USE

Any use not mentioned in the paragraph "Intended Purpose" is not allowed.

- The use of the attachment in any way other than as explained in this manual is expressly forbidden.
- Any transformation or modification of the attachment not envisaged by this manual is prohibited.
- Use of the attachment is prohibited unless it is in perfect working order. Before using it, carry out the recommended checks and maintenance.
- The use of an correctly mounted attachment is expressly forbidden.
- Tampering with the safety labels is expressly forbidden.
- The attachment must only be used by responsible adults. It is forbidden for the operator to use the attachment if he is in an unsuitable physical condition.

5. USER'S RESPONSIBILITY

It is imperative that the user reads through this manual carefully so as to become acquainted with its working procedure, maintenance of parts and proper lubrication according to our instructions. The user is also responsible for checking, repairing and for possible replacement of worn-out parts which could cause injuries. The user is responsible for damages caused to third parties by improper use. Never let children or minors near the machine. Local laws, if any, may state a minimum age for the operator. Never take passengers. Only use attachments and accessories which have been recommended and supplied by your dealer. It is strictly prohibited to do any alterations or reconstructions to the machine which are not mentioned in this manual.

IMPORTANT: The user must strictly adhere to the regulations in this manual.

6. SAFETY STANDARDS

Only a careful user is a good user

If you follow the Safety Instructions in the manual you can avoid accidents.

GENERAL PART

- 1) Read through carefully each section of these instructions. The use of the attachment by persons who haven't read and understood this manual is expressly forbidden.
- 2) Each time, before you use the machine, check each part carefully to ensure that everything is in proper working order, that nothing is damaged and there are no loose screws or bolts. Use of the attachment is prohibited unless it is in perfect working order, so always carry out the recommended checks and maintenance before using it.
- 3) Before starting the machine acquaint yourself with all the parts and with the checking system.
- 4) The attachment must only be used by informed adults. Do not allow children or teenagers to use it.
Do not use the attachment if you are in poor physical condition.
- 5) Keep people and objects at a safe distance, as explained further on.
- 6) Use only parts and accessories supplied by us, and do not allow any modification or transformation to be made.
For further information, contact the local Reseller.
- 7) Reaffix all the safety and warning labels that are lost, damaged or illegible. Check the list of safety stickers in the "SAFETY PRECAUTIONS" section of this manual. Wipe dust and dirt off the stickers.
- 8) Keep hands and feet, as well as your body away from the moving parts.
- 9) Do not use the attachment if the covers and guards are not in good condition and correctly positioned.
Do not use the attachment if the safety elements are not in good working order. Never tamper with the safety elements for any reason whatsoever.
- 10) If you hit or pick up an object, stop the machine straight away. Disconnect the power supply and switch off the motor, then lay the attachment on the ground and check it thoroughly. Before starting it up again, make sure the best working conditions have been restored.

- 11) When you're not using the attachment, disable the PTO* (*power take-off that activates it) and lower it to the ground. Switch off the motor and remove the key.
- 12) Before carrying out any maintenance work on the attachment, make sure it's switched off and disconnected from the machine.
- 13) Use the attachment at a speed compatible with the safety requirements, the characteristics of the model used, and the road conditions.
- 15) When using and servicing the attachment, wear suitable clothing: goggles, gloves and other items, along with slip-proof accident prevention shoes.
- 16) Use the attachment in conditions of good visibility.
- 17) All operators must receive professional, practical training.
- 18) While working, always wear resistant footwear and long trousers. Don't use the attachment while wearing sandals or in bare feet.
- 19) Carefully inspect the area where the attachment is to be used, removing any objects that the attachment might pick up and launch.
- 20) Always disconnect the power supply when moving the machine from one area to another.
- 21) Whenever you leave the machine unattended, even just for a moment, engage the parking brake and disconnect the power supply.
- 22) Pay particular attention to people and obstacles when making reverse movements.



WARNING: All the operations for maintaining, cleaning and assembling/disassembling the equipment must be carried out by authorised personnel. The machine must be on a flat surface, with the p.T.O. Disengaged and with the parking brake engaged. The motor must be stopped and the key removed.

7. TECHNICAL FEATURES See figure 7.

MOWER PLATE	RC44C-FC2
Lenght (mm)	2400
Width (mm)	1120
Mass (kg)	90
Blades	2 disks with articulated blades
Rotating blades	counter-rotating by means of gear boxes
Wheels	2 pivotating 8x3, 00-4
Cutting heigth regulation (cm)	1.5 ÷ 9
Width of cut (mm)	1100
For noise and vibration values, consult your multi-function machine operating manual.	

8. PERSONAL PROTECTIVE EQUIPMENT See figure 8.

Personal protective equipment (PPE) is the equipment worn by the worker to protect himself/herself against one or more risks that occur during work, maintenance and repair operations that could threaten their safety or health during work.

Always use (PPE) during work and maintenance operations, even if the risk of accidents is reduced to a minimum, to prevent those risks that cannot be eliminated, i.e. the "residual risks".

Use the suitable PPE for each specific procedure. Personal protective equipment that may be required includes safety shoes, protective glasses and / or a face guard, helmet, work gloves, respirators and hearing protection.

9. TRANSPORT AND DISCHARGE Voir figure 9

The attachment is heavy and can lead to serious crushing injuries.

Load and unload it with caution.

Transport the attachment on a type-approved trailer.

During transportation, hold the attachment in place with the aid of type-approved belts, chains or ropes.

IMPORTANT: if the machine is packaged and placed on its pallet, it can be moved using a fork-lift . (Minimum capacity 150 kg).

If it isn't on a pallet, move the equipment using suitable straps.

Be careful - the central point of the machine doesn't correspond to its centre of gravity (the point of intersection of the dotted black lines).

10. MOUNTING THE MOWER DECK

See figure 10.

- 1) Let the lifting arms of the engine couple with the attachments present on the equipment
- 2) Clutch quik grip
- 3) Switch on the tractor and lift the equipment by pulling the lever
- 4) Insert the safety rods with their split pins

Consult the technical manual of the FC2 multi-function machine.

11. CONTROLS AND INSTRUMENTS See figure 11.1

11.1 HYDRAULIC LIFTING OF MOWER DECK

Mower deck lifting lever

11.2 P.T.O. See figure 11.2

12. MOWER DECK HEIGHT ADJUSTMENT

12.1 RC44C-FC2 PLATE HEIGHT ADJUSTMENT See figure 12.1



WARNING: Make sure that the power take-off is disengaged and that the blades have completely stopped.

- 1) Start the tractor and lift the equipment with the specific control lever.
- 2) Act on the lever shown in the figure to select the desired cutting height:
 - extract and turn the lever clockwise to increase the cutting height;
 - extract and turn the lever counter-clockwise to decrease the cutting height.
- 3) Lower the equipment by means of the control lever.
- 4) When done, make sure that the plate is higher in the rear part and that the right and left sides of the machine are equidistant from the ground.

If these conditions are not met, act on the adjusting screws "C" on fig. to restore these conditions

13. ORDINARY MAINTENANCE



CAUTION: Before carrying out any maintenance operations, take a complete vision of the indications given at paragraph 3: SAFETY RULES.

NOTE: Only use original spare parts!

13.1 ADDING OIL See figure 13.1

Check the gear-box oil level every 50 hours, if necessary, add some.

Replace gear-box oil every 350 hours. To perform this operation, contact an authorized service center.

OIL SHELL OMALA S4 WE 320

13.2 CHANGING BLADES See figure 13.2

Unfasten nut -B- to remove the blade holder disc from the transmission unit pin

REMOVE

To remove the cutting blades unfasten nut -A-

REPLACE

Only use original spare parts

REASSEMBLE



IMPORTANT: to ensure a perfect functioning of the mower, the blades must be mounted 90° orthogonal with one another!



WARNING: if a blade is rotating also the other blades are rotating. Never start up the machine when hinge on the P.T.O. is not disassemble.

NOTE: To sharpen the blades correctly, follow these general rules:

- 1) maintain the original sharpening angle (23°)
 - 2) do not apply pressure with the grinder to the same point to prevent the material from heating up and modifying the properties of the material
 - 3) do not remove excess material since this will obviously reduce the service life of the blades.
- PERFECT CUTTING CAN ONLY BE ACHIEVED WITH WELL SHARPENED BLADES.
The frequency with which sharpening is performed depends significantly on the cutting conditions: if the machine is used in the presence of stones, sand and earth, sharpening will obviously have to be performed more frequently.

	95059300001	=		(ordering) W780003029
+				
	95059300001			
	95059200001	=		(ordering) W780003028
+				
	95059200001			
	94502111001	=		(ordering) W780003243
+				
	94502111001			
	9450211101	=		(ordering) W780003244
+				
	9450211101			

13.3 CLEANING THE MOWER DECK See figure 13.3

14. KIT MULCHING See figure 14

The mowing and collecting equipments can be transformed, by mounting the special kit, into mulching plates.

MOUNTING THE MULCHING KIT:

- 1- Disassemble the collection blades discs (4 nuts);
- 2- Position the shaped closing plate inside the body of the machine ;
- 3- Pierce the body by using the same shaped closing plate as a mask;
- 4- Fix the shaped plate by means of the fixing elements that came with the "kit";
- 5- Assamble the "Mulching" closing plate.



CAUTION: Pay attention to the direction of blade wings: it is connected with the rotating direction of the rotors.

A : Fin

T : Cutting

15. EXTRAORDINARY MAINTENANCE

For the extraordinary maintenance of the mower deck, contact only an authorised service center.

16. INACTIVITY OF THE EQUIPMENT

In case the mower deck has to remain idle for a long period of time, it is convenient to carry out some operations to ensure its efficiency when reused and the duration of the same for years:

- 1) Clean carefully the whole equipment
- 2) Carry out a thorough check of the body shell, of the mechanical and pneumatic parts of the sweeper.
- 3) Carry out, if necessary, the ordinary and extraordinary maintenance operations described above
- 4) Store the equipment in a dry and well ventilated place.
- 5) Cover with a non-impermeable sheet..

17. SAFETY STICKERS See figure 17.

17.1 KEY See figure 17.1

LABEL NUMBER	DESCRIPTION
1	Maximum permitted tilt
2	Do not go on slopes with elevator open
3	Turbine hazard
4	Elevator hazard
5	Blade coupling
6	Parking brake
7	Machine moving, keep a distance
8	Keep a distance, moving parts
9	Warning sign: Stop the engine, remove the key, read the manual before carrying out repair or maintenance work
10	Do not approach the machine until all the parts are stationary

LABEL NUMBER	DESCRIPTION
11	Risk of crushing. Do not stand between the machine and the attachment
12	Read the instruction manual before using the machine
13	Do not put your hands near the transmission shaft
14	Danger flying objects
15	Keep at a safe distance
16	Do not put your hands near the fan blades
17	Do not put your hands near the transmission belts
18	Battery cut-off switch
19	Lifting point
20	ROPS safety

18. NOTES

A - Please contact our authorised dealer for anything that is not dealt with in this manual.

B - Always keep this technical handbook in a safe place for future reference.

It can be modified without prior notice or any additional obligations in order to improve the product. Reproduction or translation of any part of this manual is not allowed without the owner's prior written consent.

C - This mower RC44C-FC2, has been specifically designed for our "FC2" multi-function machines.

**ILLUSTRATIONS AND DIAGRAMS
ILLUSTRATIONS ET SCHÉMAS
ABBILDUNGEN UND PLÄNE
ILLUSTRAZIONI E SCHEMI**

0.

1
2
3
4
5

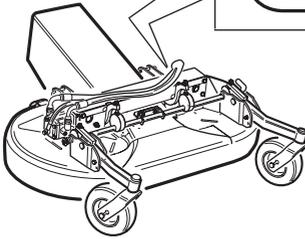
Kubota Gianni Ferrari S.r.l.
via Vespucci, 53
42046 Reggiolo (RE) - Italy

MODELLO	RC44C - FC2
MASSA	90 kg
Anno di costruzione	
Mower Deck	



00555200597

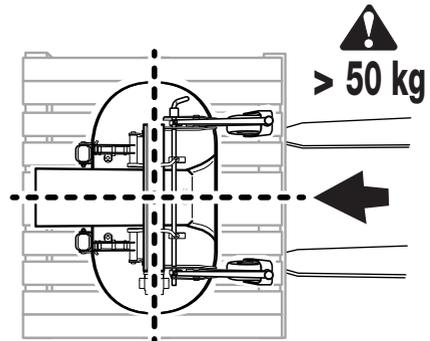
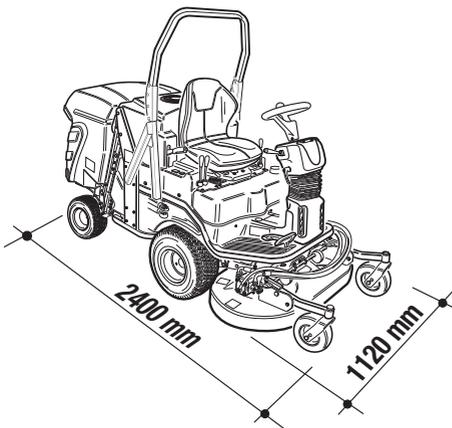
1.

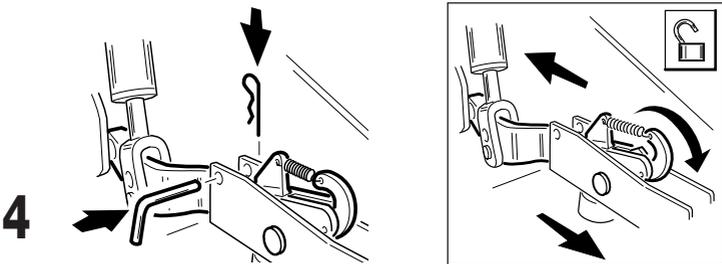
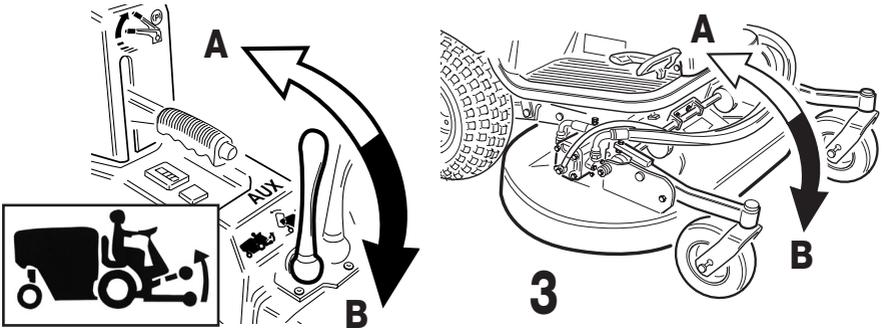
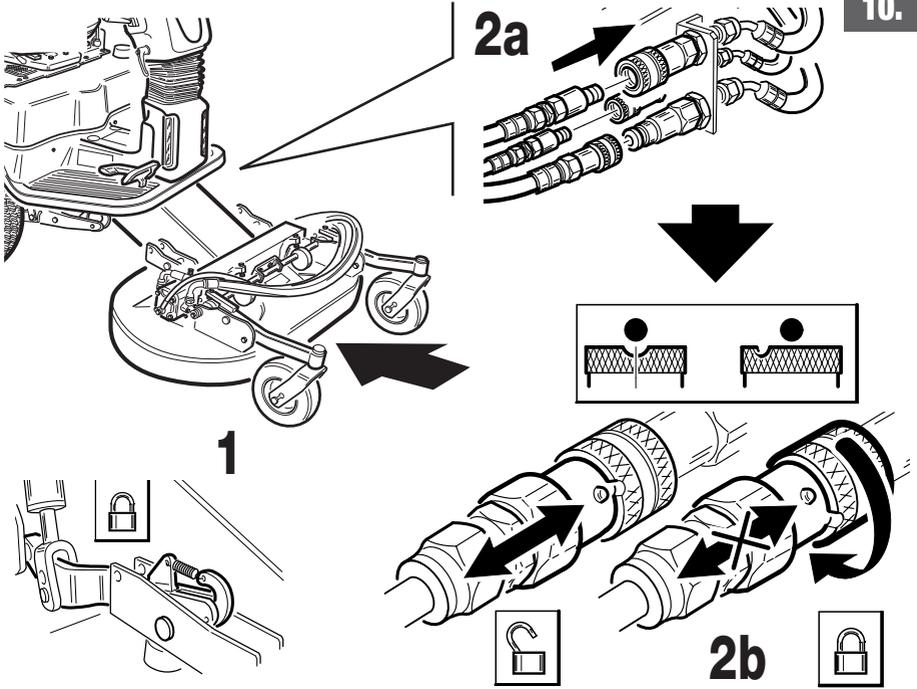


8.

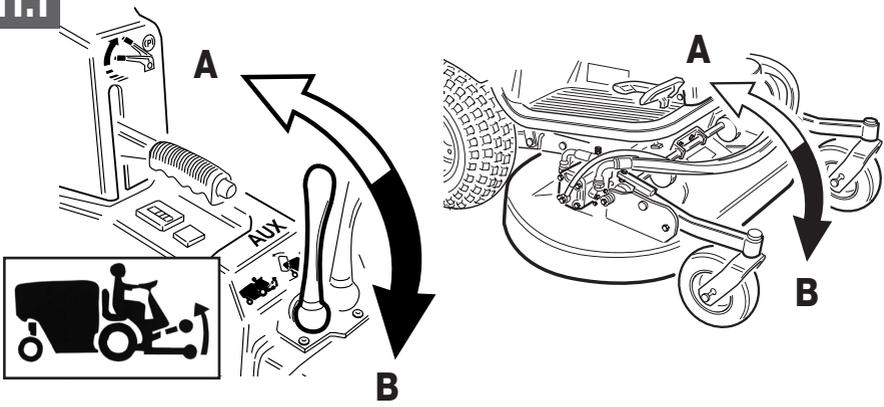


9.

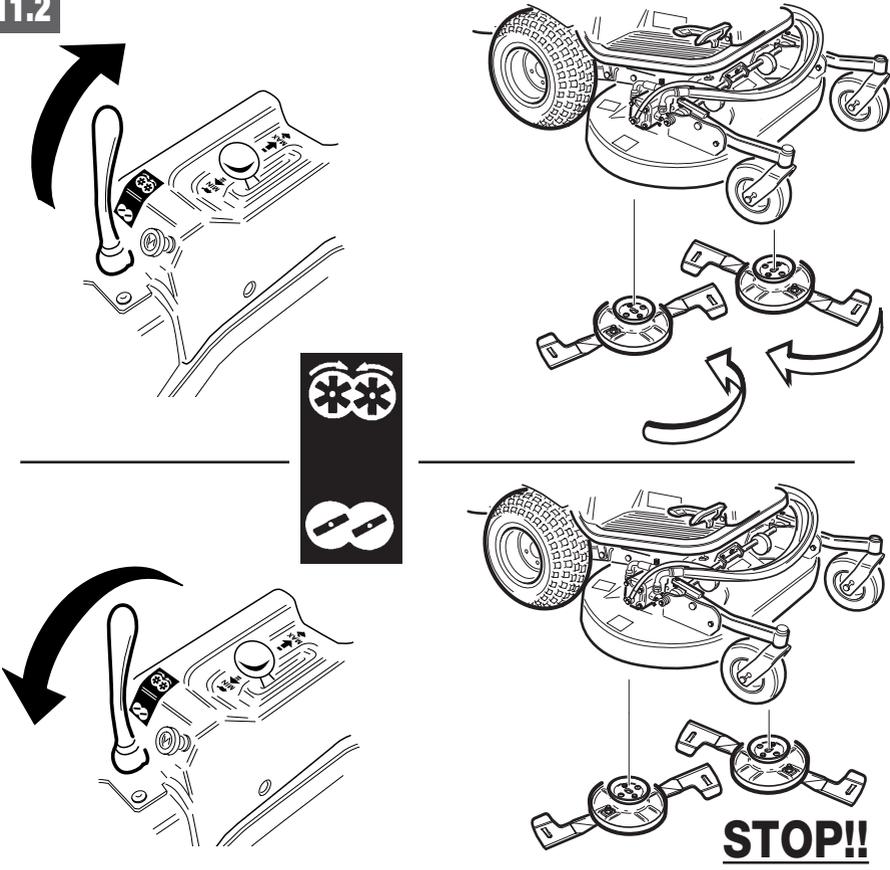


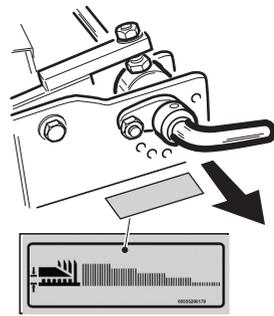
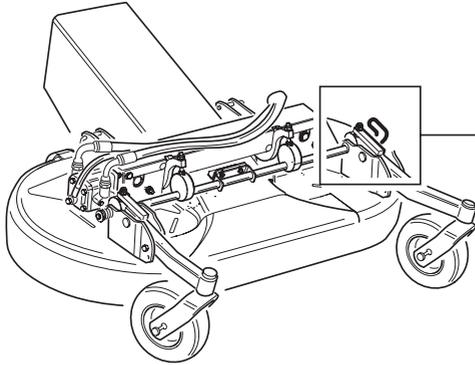


11.1



11.2

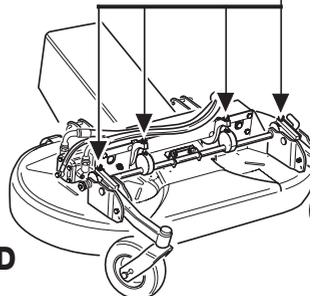
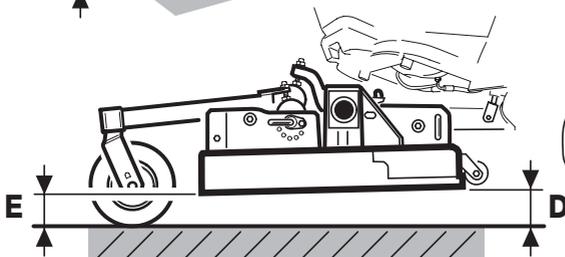
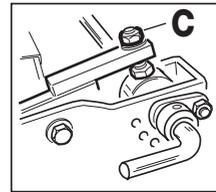
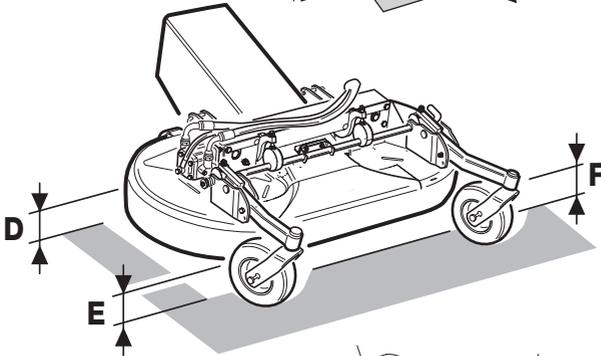


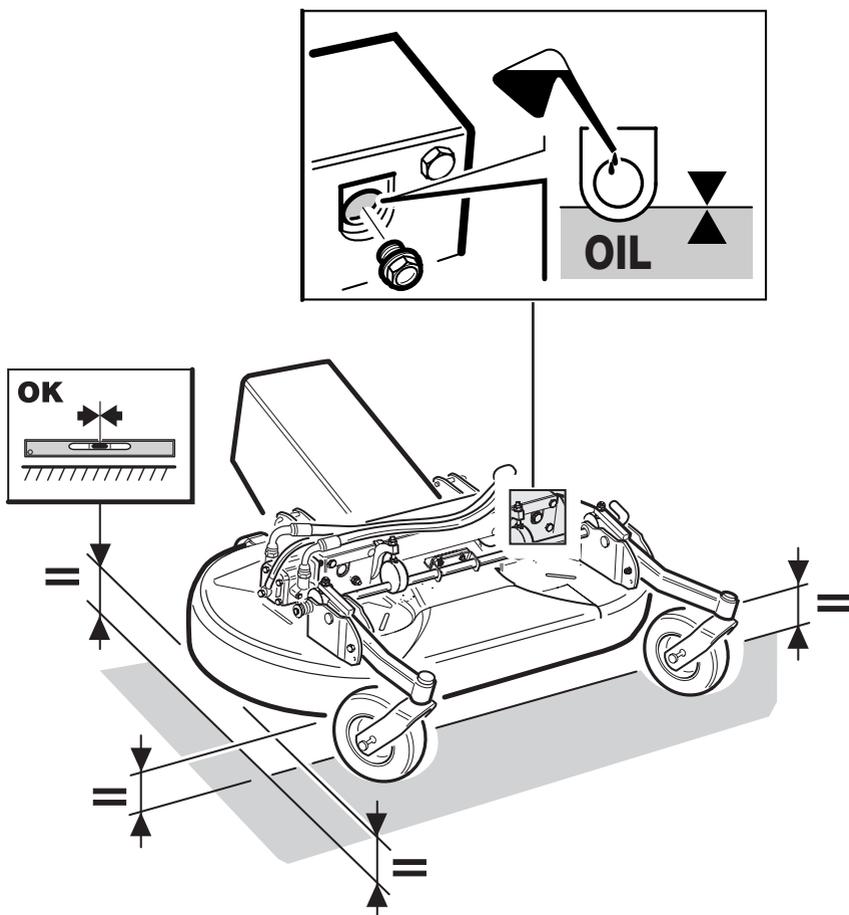


MIN

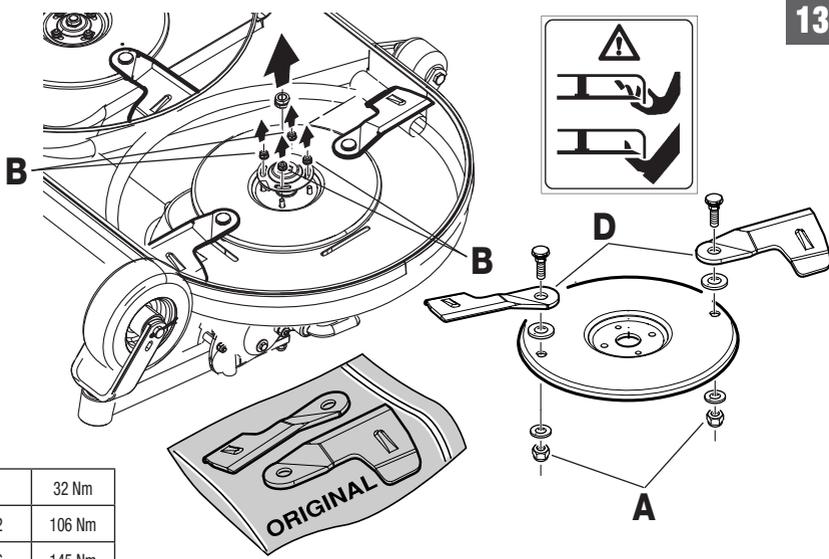
MAX

$D = E + 1\text{cm}$
 $E = F$

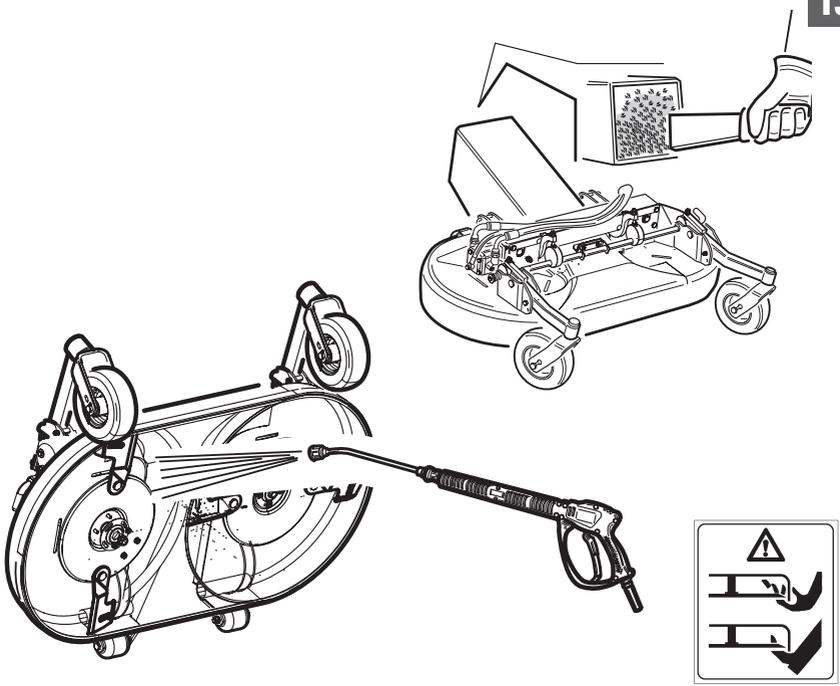




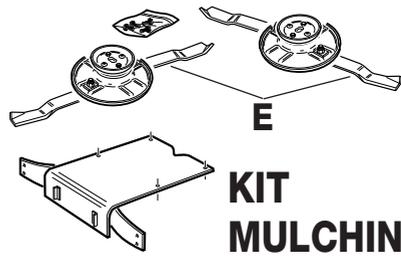
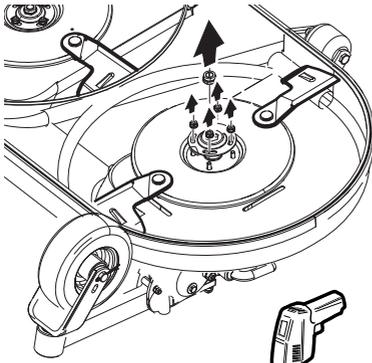
13.2



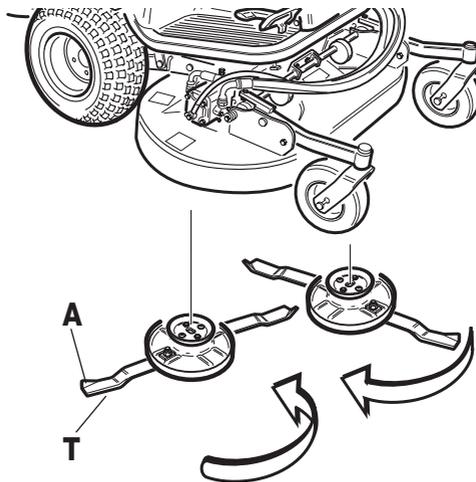
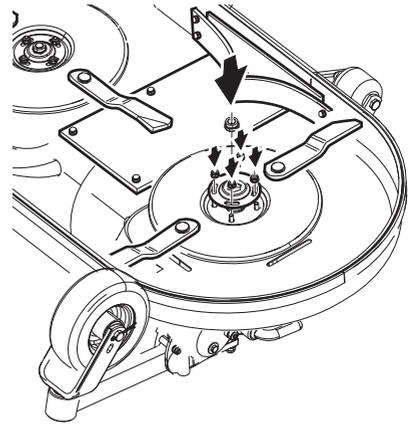
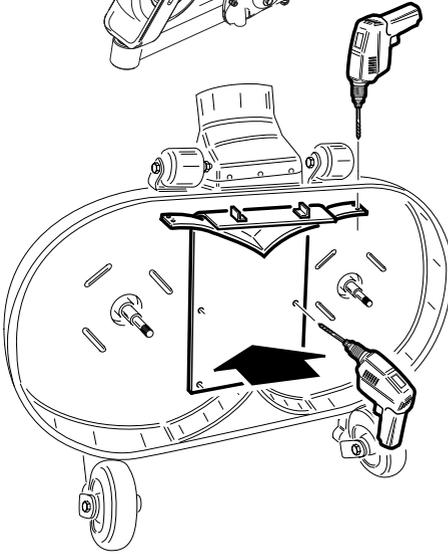
13.3



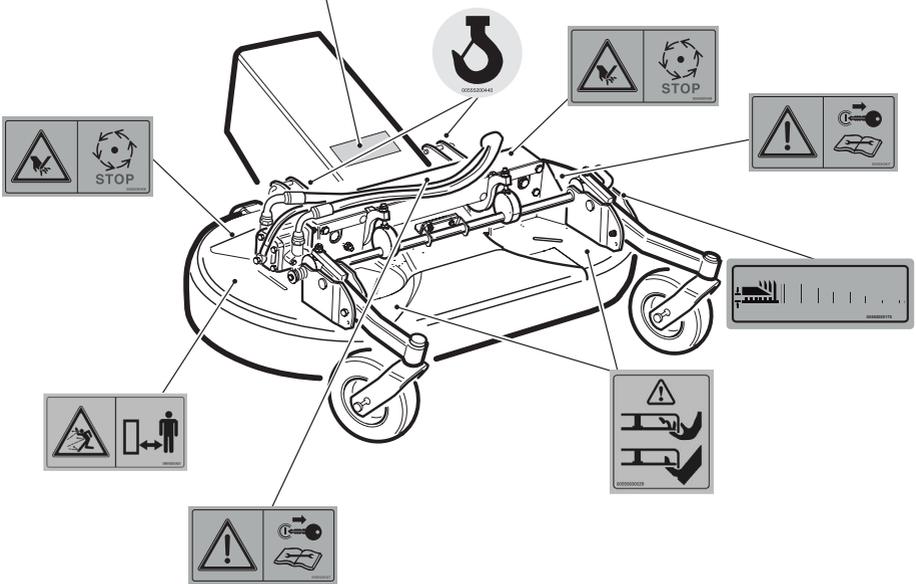
14.



**KIT
MULCHING**



Kubota Gianni Ferrari S.r.l.		CE
via Vespucci, 53		
42046 Reggiolo (RE) - Italy		
MODELLO	RC44C-FC2	
MASSA	90 kg	
Anno di costruzione		0055200597
Mower Deck		



17.1

