

FAZA S.r.l

Macchine agricole

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TRAILED FERTILIZER SPREADER OPERATOR'S MANUAL

Mod. GARDEN



- **Please read this manual carefully before operating the equipment**

Package contents

The package contains:

No. 1 Bag of findings including:

Item	Part no.	Description	Qty
2	GARDEN 2	Plastic bush	4
4	GARDEN 4	Hex-head screw 10x50	4
5	GARDEN 5	Self-locking nut M10	4
7	GARDEN 7	Fans	4
8	GARDEN 8	Hex-head screw 8x20	11
9	GARDEN 9	Self-locking nut M 8	20
12	GARDEN 12	Hex-head screw 8x50	9
13	GARDEN 13	Bush	2
15	GARDEN 15	Split pin	2
16	GARDEN 16	Pin L=190mm	1
18	GARDEN 18	Pin L=200mm	1
19	GARDEN 19	PVC shim	2
21	GARDEN 21	Hopper bush	1
22	GARDEN 22	Snap ring	1
26	GARDEN 26	Hook	1
27	GARDEN 27	Agitator	1
29	GARDEN 29	Hex-head screw 6x16	2
30	GARDEN 30	Self-locking nut M 6	2
33	GARDEN 33	Knob M 8x20	1
34	GARDEN 34	Washer M 10	1
35	GARDEN 35	Washer M 8	3
36	GARDEN 36	Wrench	2

No. 17 Loose pieces:

Item	Part no.	Description	Qty
1	GARDEN 1	Frame	1
3	GARDEN 3	Hopper support shaft Rt and Lt	2
6	GARDEN 6	Tow triangle shaft	1
10	GARDEN 10	Spreader disk	1
11	GARDEN 11	Reduction gear	1
14	GARDEN 14	Complete wheel with pin-locked bush	1
17	GARDEN 17	Complete wheel with PVC bush	1
20	GARDEN 20	Hopper 50 Lt or 100 Lt	1
23	GARDEN 23	Draw bar	1
24	GARDEN 24	Tow hook	1
25	GARDEN 25	Strut	1
28	GARDEN 28	Guard	1
31	GARDEN 31	Open gate	1
32	GARDEN 32	Lever	1
37	GARDEN 37	Complete lever extension	1
38	GARDEN 38	Inner Guard	1

No 1 Bag with Stickers and Manual

General Safety Regulations

In addition to the safety regulations given in this manual, always comply with the general rules for on-the-job safety and health and the public Highway Code.

- Before commencing work with the machine, it is necessary to become familiar with the operation of the controls and operating devices.
- Before switching on the tractor make sure that all the protection guards are correctly assembled.
- Do not handle the machine when the power take-off is rotating.
- Do not exceed the maximum fertilizer load recommended by the manufacturer.
- Do not use any equipment not recommended by the manufacturer, and do not modify the machine or its components.
- Before leaving the tractor make sure the spreader is lowered to the ground and switch off the tractor.

Read this manual carefully before operating the equipment.

Safety Decals

The equipment is fit with adhesives and plates with symbols on them. These safety symbols are to assist the operator, helping him avoid possible risks of accidents during working, maintenance and storage.

This manual will explain the following symbols:

Symbol	Description
	Use protection gloves
	Use safety eye glasses

The following symbols are attached to the equipment:

Symbol	Description
	Consult the operator's and servicing manual
	Do not pass or stand near the equipment while in use
	Danger for hands and/or feet

Safety and accident prevention rules

The operator of this fertilizer spreader must be competent and be in good physical condition, have good eyesight and must be able to co-ordinate the different functions. Moreover he must apply the established rules and act with the necessary precaution while carrying out a job, so that he does not expose himself or other people to danger.

The operator must put the indications given in this manual into practice and must also enable third persons to assume their responsibilities.

The operator must act only after he is absolutely certain how to use the entire equipment.

He must not neglect machine maintenance.

During the job, the operator must be able to control the machine and oversee the area where the machine is operating.

Never wear loose clothing: overalls without loose parts that can get caught in parts of the machine are preferable.

Never work unless the work area has sufficient lighting.

Never make any emergency repairs on the machine in order to start or finish a job.

Check that the instruction/warning plates and adhesives are clean and easily seen and that the safety devices are in place and well locked.

Never drink alcoholic beverages or take medicines before or during work or when carrying out maintenance on the machine.

Always wear gloves and, if necessary, safety eye-glasses while servicing the fertilizer machine.

Never clean or oil parts of the fertilizer machine while in it is running.

Before starting work always check the conditions of the bolts and tighten them adequately.

Check if there are any foreign objects in the hopper and be careful not to drop the bag containing the fertilizer into the hopper.

Never carry objects that could slip out of your trousers or breast-pockets while leaning over the machine.

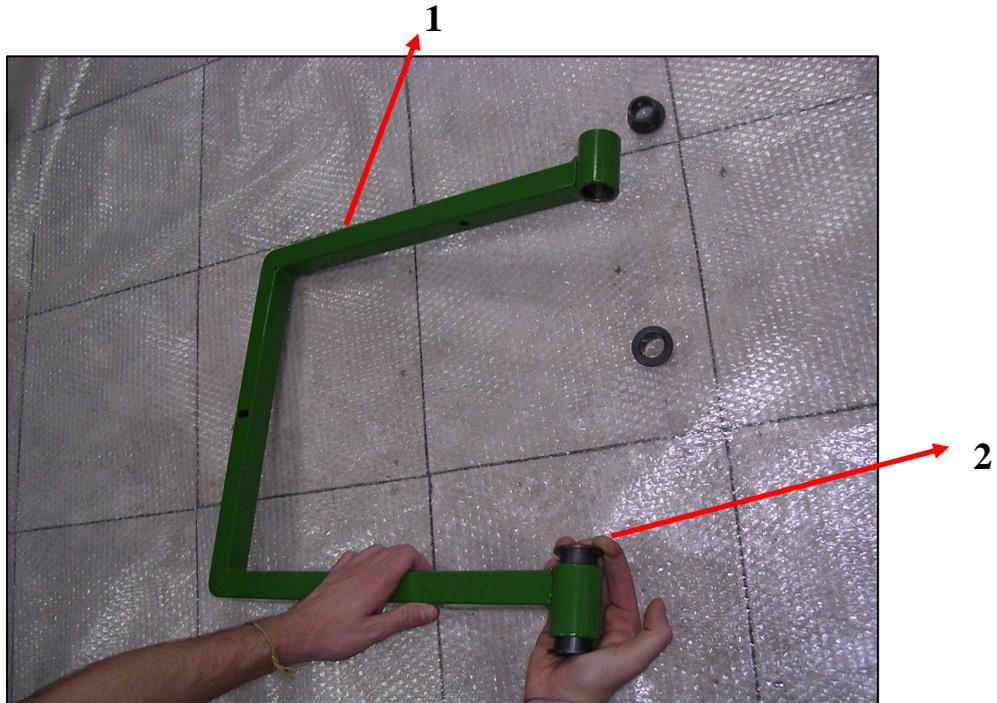
Before leaving the driver's seat always:

1. disconnect the power-take-off shaft
2. lower the fertilizer spreader to the ground
3. turn off the tractor engine
4. insert the parking brake and low gear
5. take the ignition key out of the control board

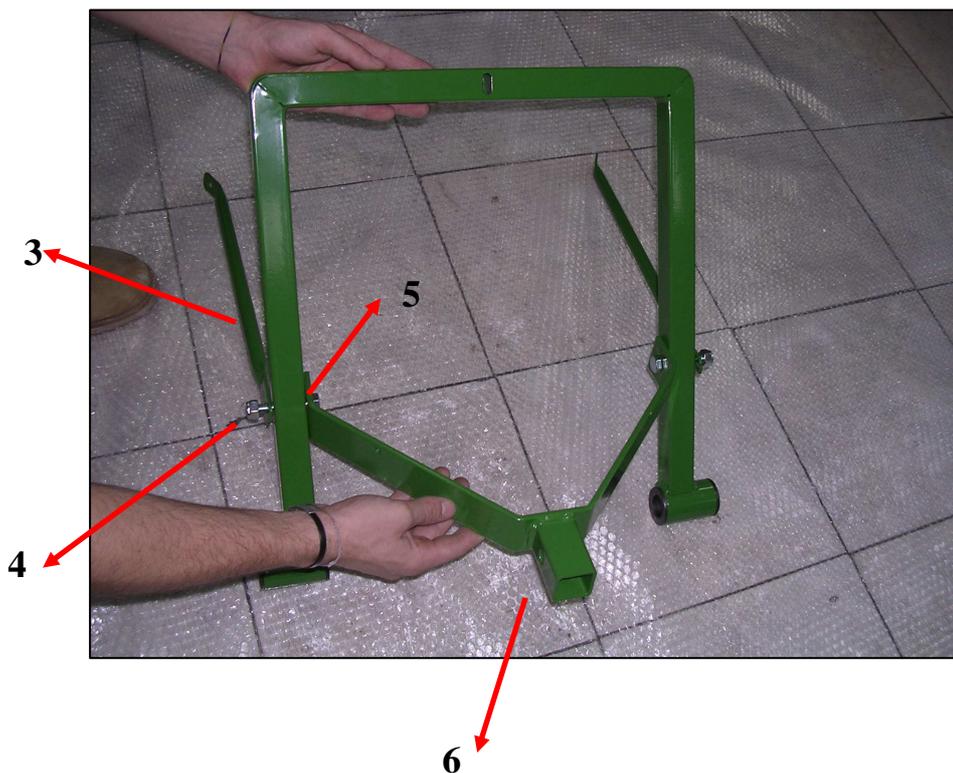
Never perform any work on the fertilizer spreader unless the machine is turned off.

INSTALLATION

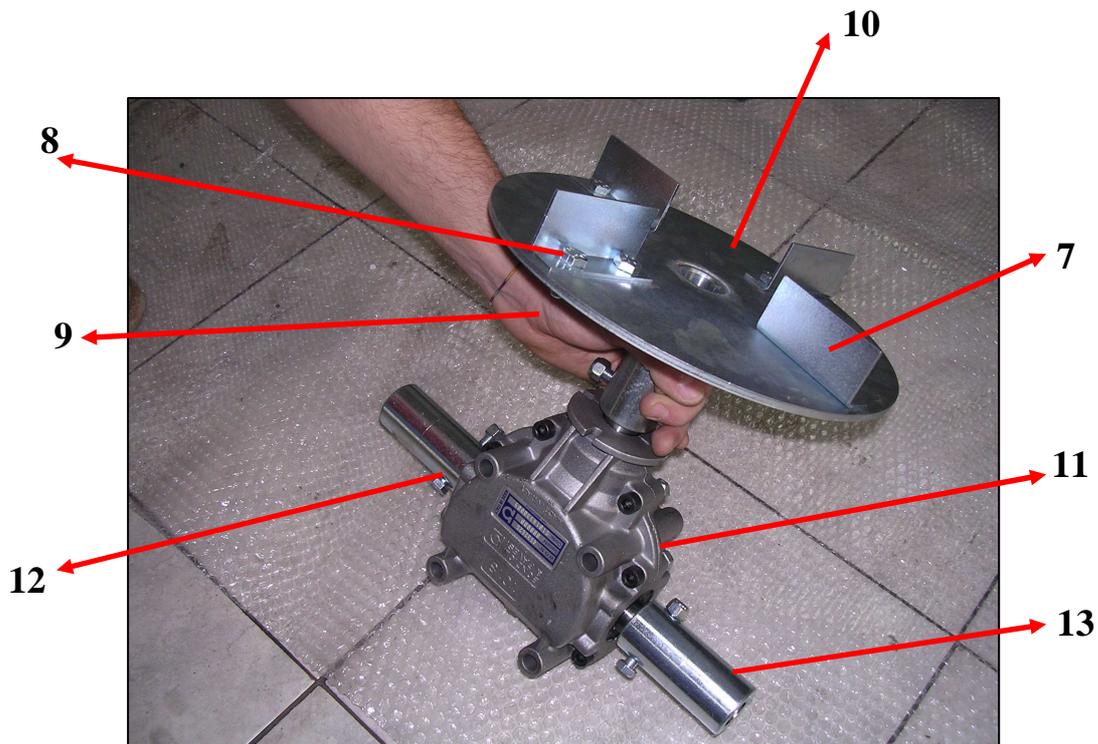
First take the Frame (1) and install the 4 plastic bushes (2).



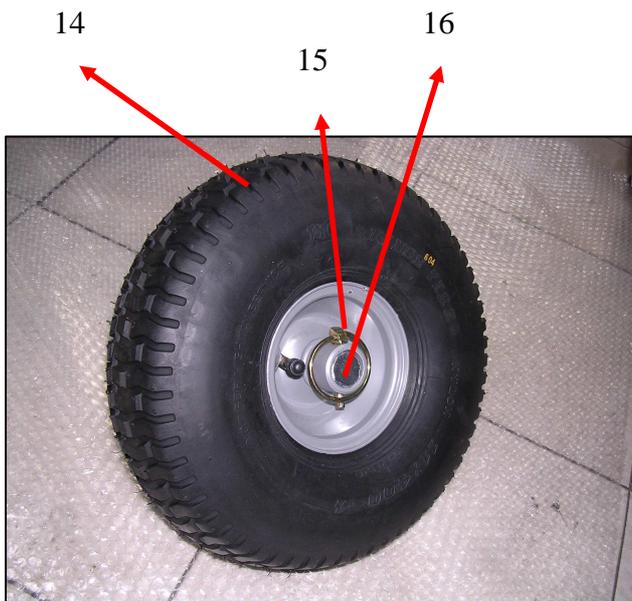
Take the hopper support shafts (3) and secure them to the tow triangle shaft (6) using the screws (4) and nuts (5) as indicated in the figure. Be careful to leave the holes of the tow triangle shaft (6) facing up. Do not tighten the nuts and bolts



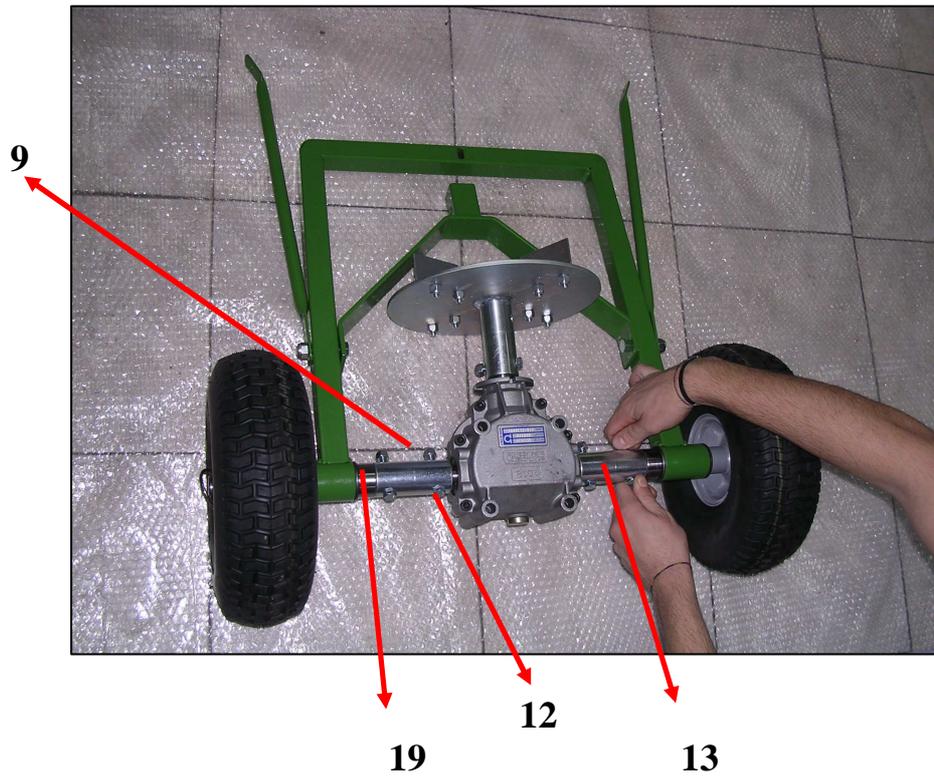
Install the fan (7) on the disk (10) using the screws (8) and nuts (9). The assembly must be installed on the reduction gear (11) using the screw (12) and nuts (9). Then insert the bushes (13) into the reduction gear (11) using the screws (12) and nuts (9).



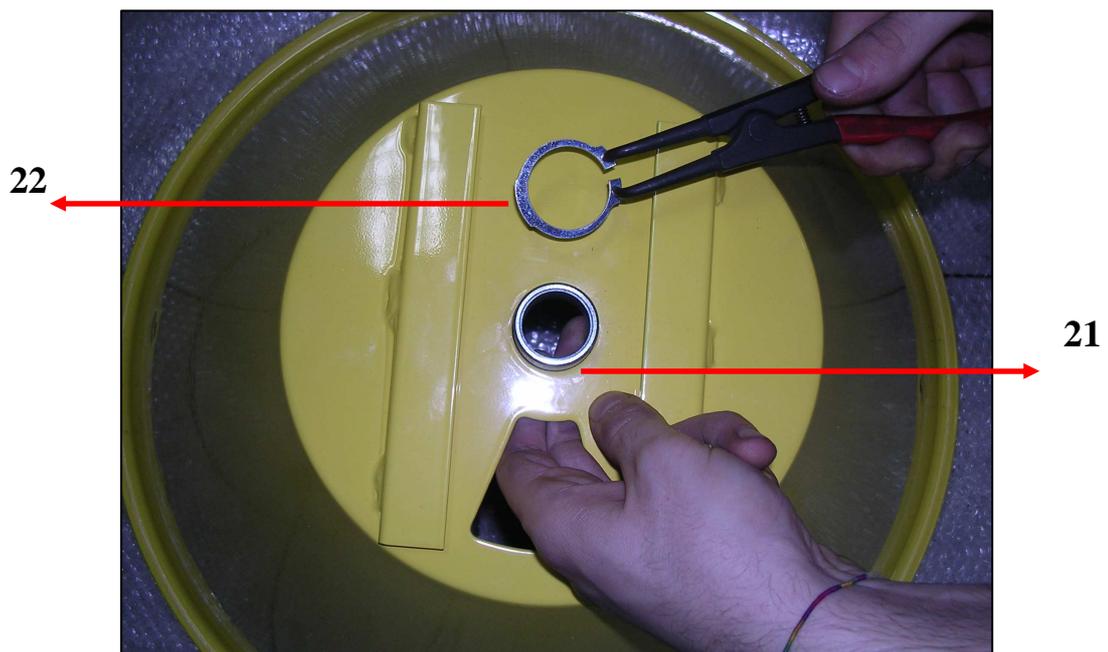
At this point take the wheel with the pin-locked bush (14) and install pin (16) with the split pin (15). Perform the same operation for the wheel with the plastic bush (17) inserting pin (18) and secure with the split pin (15).



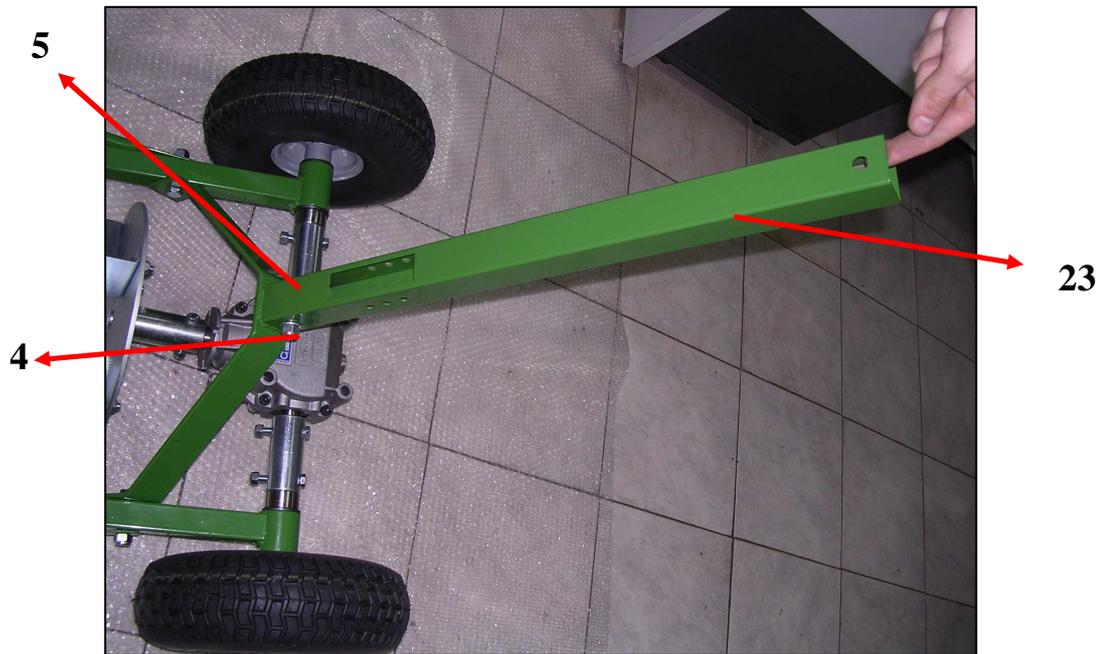
Now take this assembly and install it using the bush (13), screws (12) and nuts (9) as indicated in the figure. Remember to insert the plastic bushes (19).



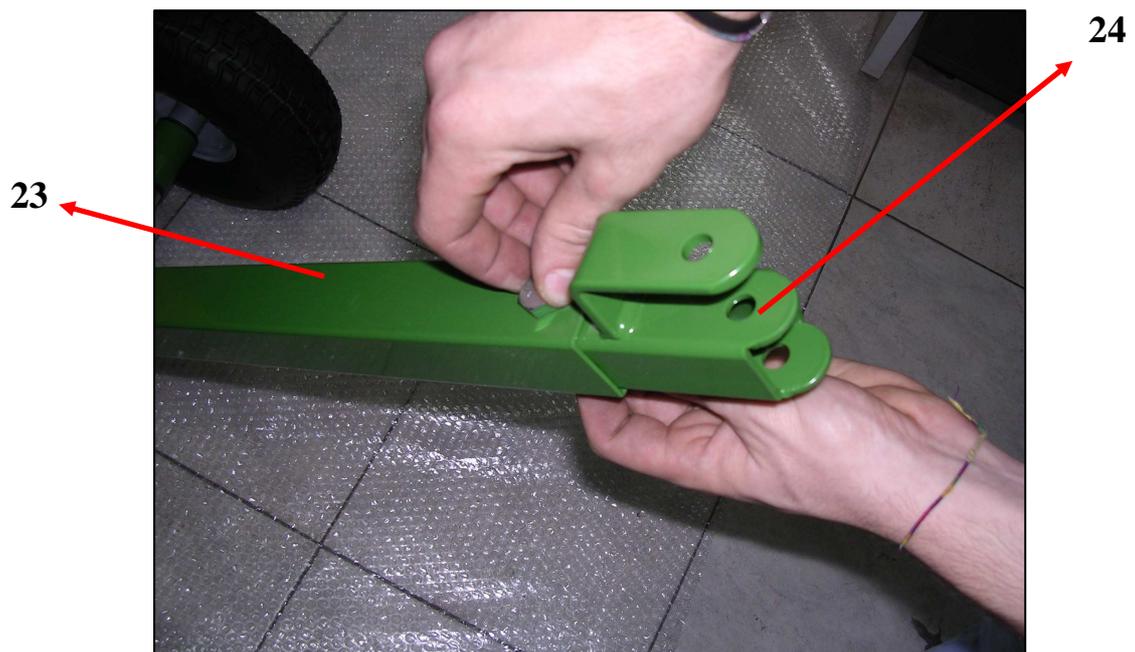
Install bush (21) on the Hopper using the snap ring (22).



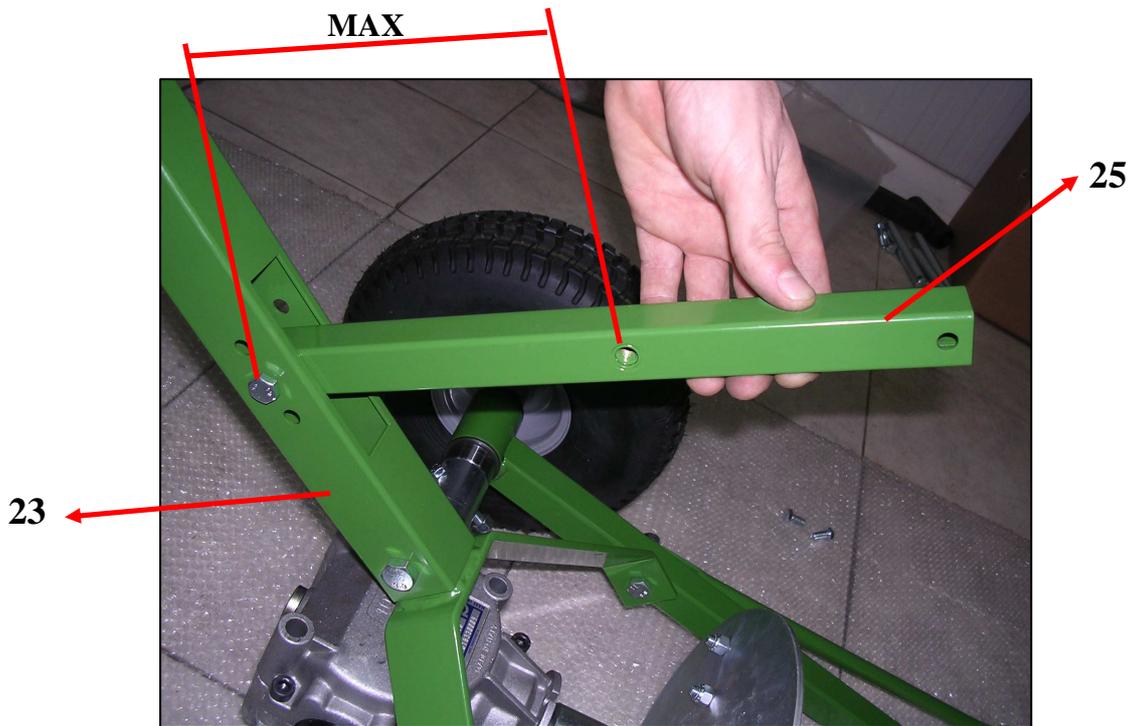
Install the draw bar (23) with the part facing up as shown in the figure. Insert screw (4) and nut (5).



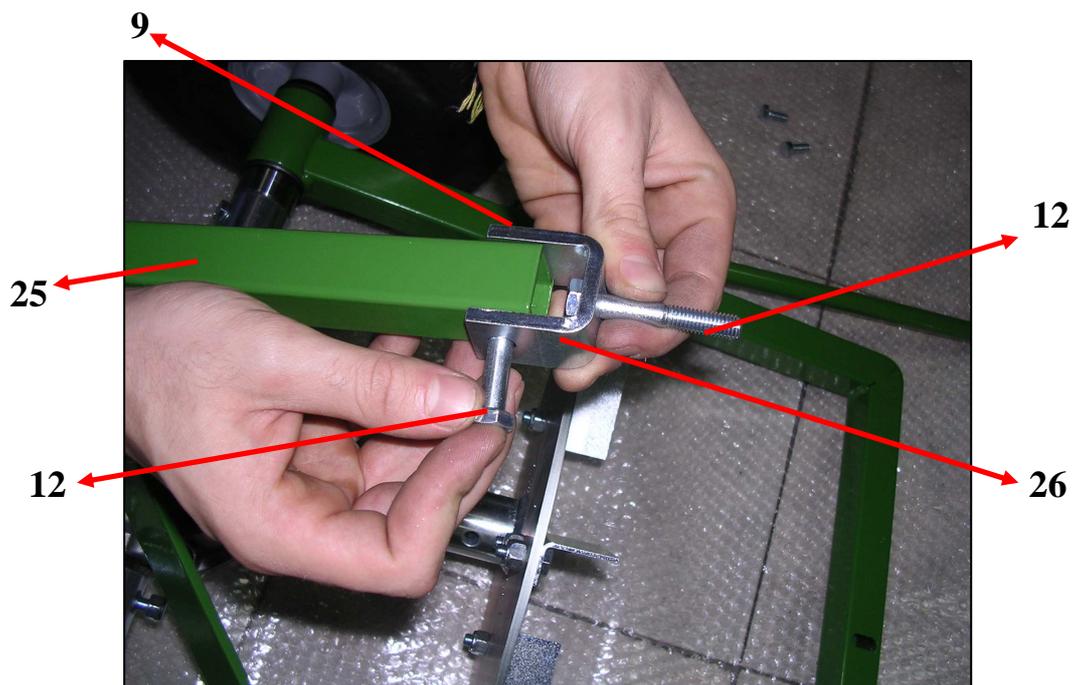
Secure the tow hook (24) on the draw bar (23) using the same screw (4) and nut (5).



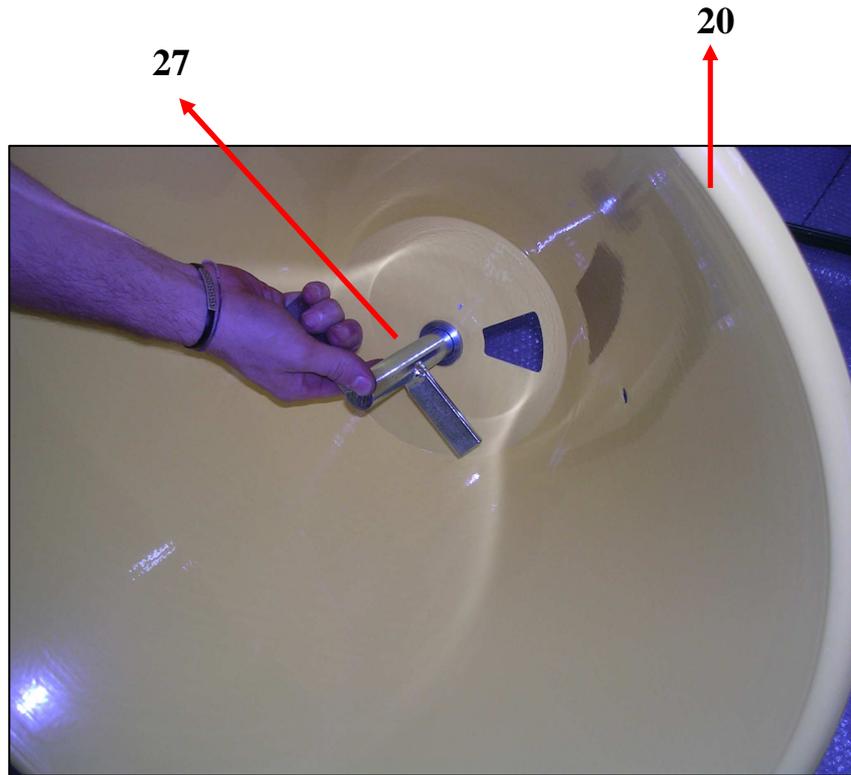
Take the strut (25) and install on the draw bar (23) using screw (12) and nut (9). Make certain that the furthest holes are closer to the draw bar (23).



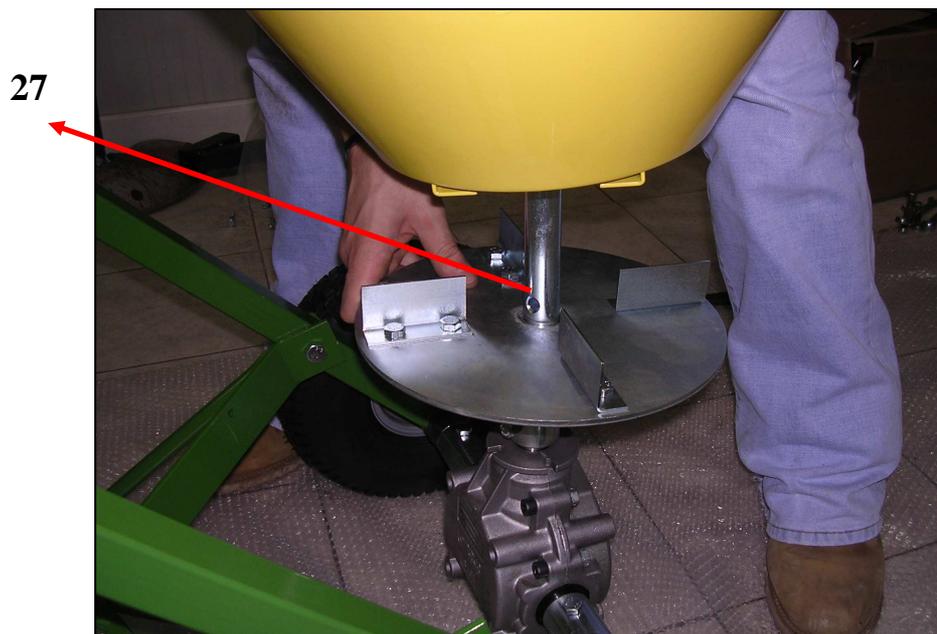
Insert the screw (12) into hook (26) and install the assembly on the strut (25) using the screw (12) and nut (9) as shown in the figure.



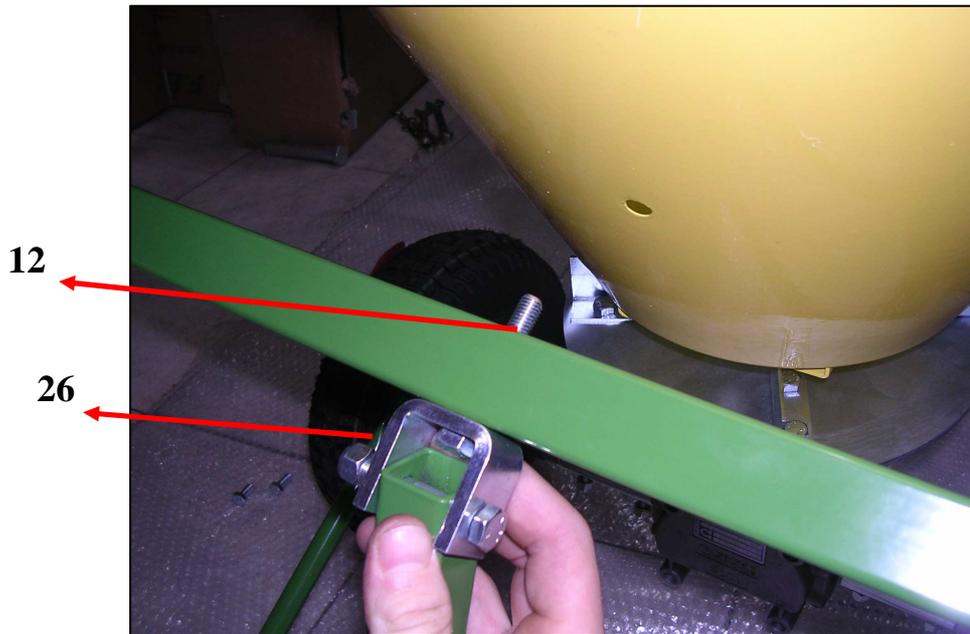
Install the agitator (27) on the hopper (20).



Then set the agitator (27) in the spreader disk as shown in the figure.



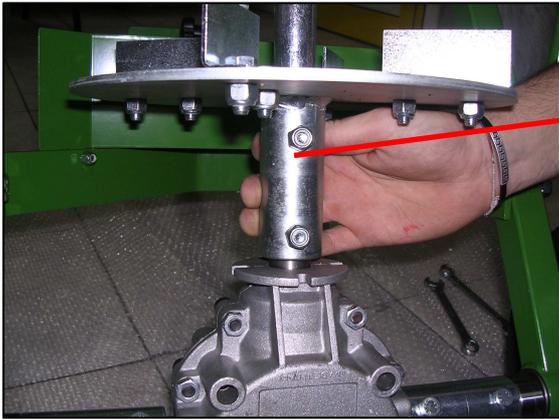
At this point, with the hopper set on the disk, install screw (12) which was previously set with hook (26) and nut (9).



Then install the right and left hopper support shafts (3) using screws (8) and nuts (9) but do not tighten the nuts and bolts.

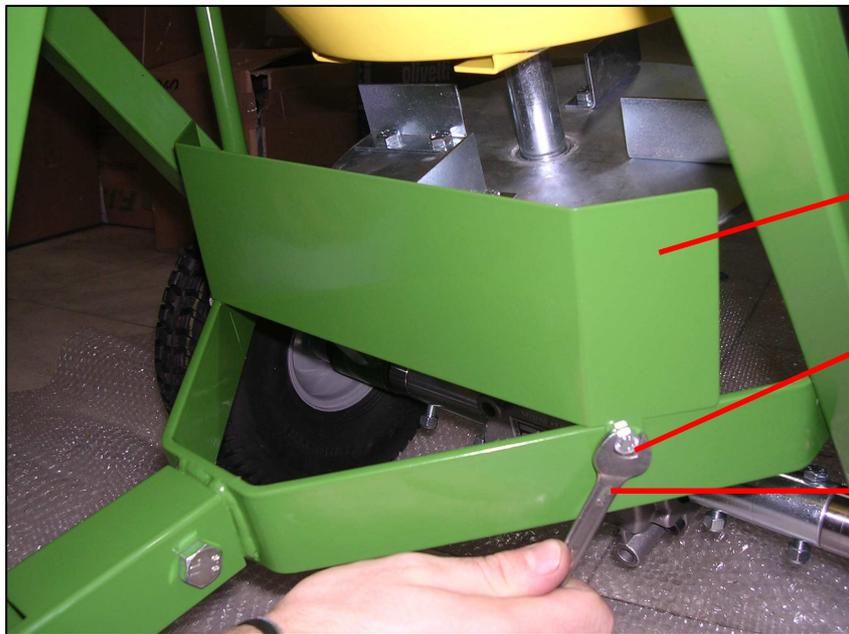


Secure the agitator to the reduction gear using screw (12) and nut (9).



12 - 9

Install the guard (28) using screws (29) and nuts (30).

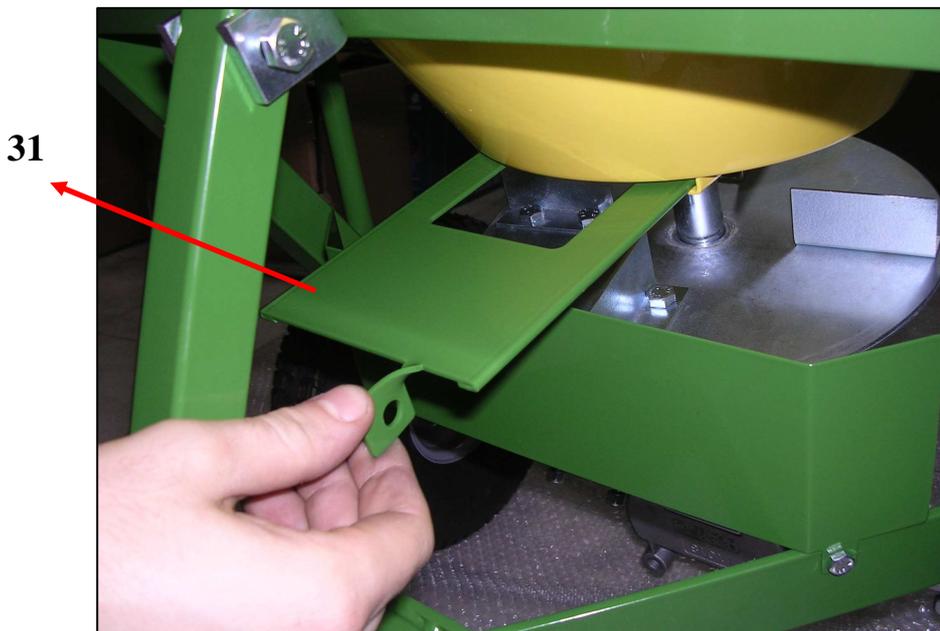


28

29 - 30

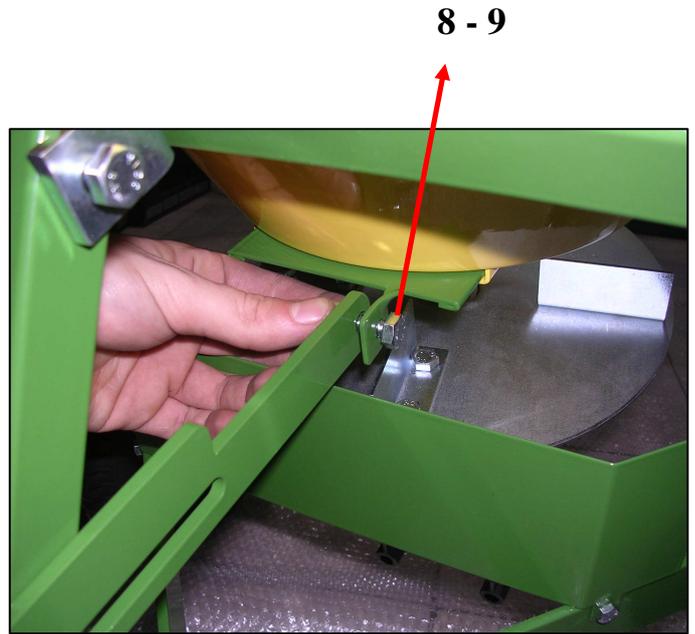
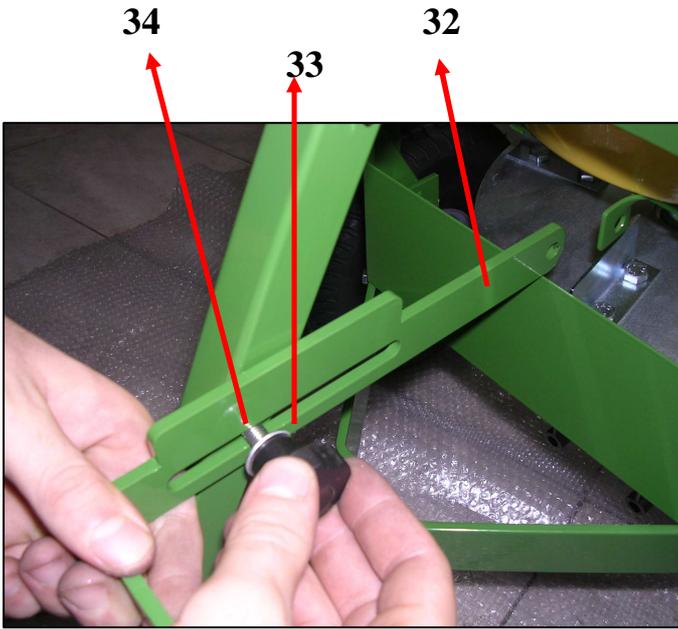
36

Insert the open gate (31).



31

At this point, take the lever (32) and install the knob (33) and washer (34). Then secure the lever to the gate using screw (8) and nut (9).

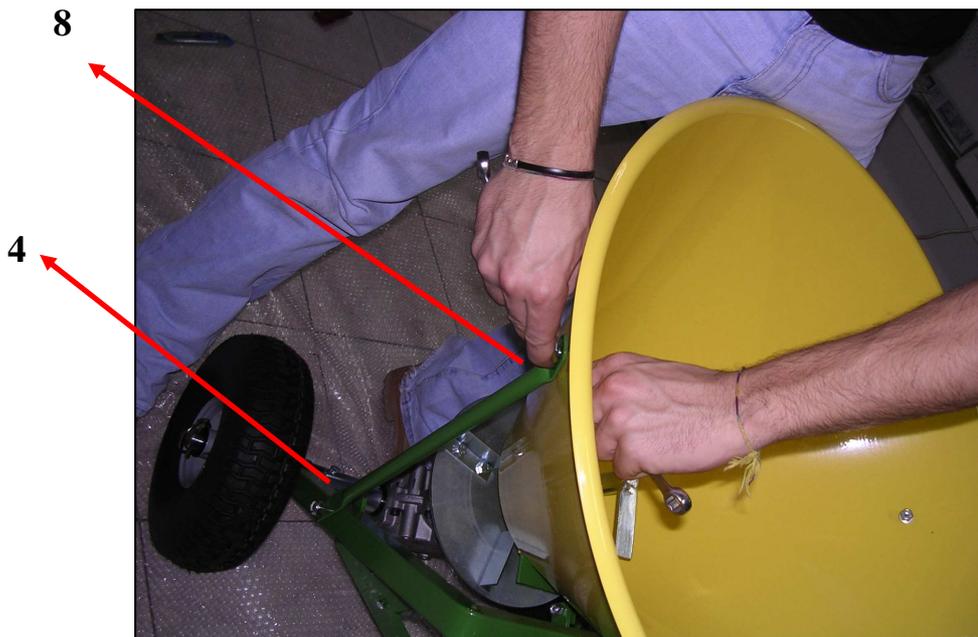


WARNING:

Tightening the machine is an extremely important phase. Start with the hopper screws, keeping the hopper perfectly flat with the spreader disk. First secure the centring screw,

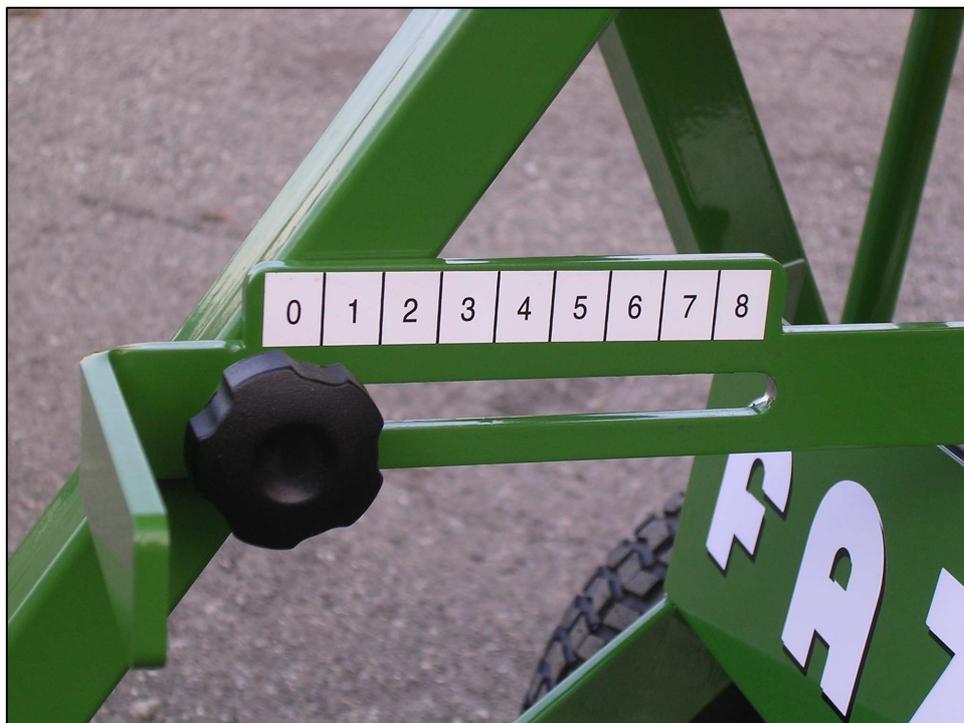


then the side screws (8) and the hopper shaft support screws (4).



Regulating fertilizer spread

As shown in the figure, fertilizer spread can be regulated from 1 to 8 as needed.



Serial number and identity plate

Manufacturer:

Equipment: Fertilizer Spreader Mod. Garden

Identity plate:

SERIE	<input type="text"/>	Kg.	<input type="text"/>
ANNO	<input type="text"/>	MATR.	<input type="text"/>
MADE IN ITALY			

Maintenance

Maintenance of your spreader is very important and must be done carefully. Good maintenance reduces operating costs and increases the equipment lifespan.

Maintenance service

In this part of the manual we examine the most frequent maintenance operations:

After use

- wash the machine with water
- dry all the metal parts carefully
- grease all the moving parts of the machine
- check and tighten all bolts

Periodic maintenance

- change the oil and grease in the gear box after the first 30 hours of operation
- thereafter repeat this operation every 250 hours of operation by unscrewing the gear box drain cap and wait for the oil to drain out completely
- turn the machine so that the cap opening is in an ideal position and fill the gear box with about 0.25 kg of new oil
- check the metal parts which are under great strain during working conditions and if necessary replace them

Maintenance before the unit is to be taken out of service

- wash the machine with water and sodium carbonate, taking care to dry the machine thoroughly
- touch up the metal parts with paint if necessary, lubricate the moving parts with grease and spray other parts with oil
- protect the machine by covering it with a nylon or canvas tarpaulin and set it in a dry room and off the ground

List of parts Garden

Item Pos.	Part n°	Description	Qty
1	GARDEN 1	Frame	1
2	GARDEN 2	Plastic bush	4
3	GARDEN 3	Hopper support shaft Rt and Lt	2
4	GARDEN 4	Hex-head screw 10x50	4
5	GARDEN 5	Self-locking nut M10	4
6	GARDEN 6	Tow triangle shaft	1
7	GARDEN 7	Fan	4
8	GARDEN 8	Hex-head screw 8x20	11
9	GARDEN 9	Self-locking nut M 8	20
10	GARDEN 10	Spreader disk	1
11	GARDEN 11	Reduction gear	1
12	GARDEN 12	Hex-head screw 8x50	9
13	GARDEN 13	Bush	2
14	GARDEN 14	Complete wheel with pin-locked bush	1
15	GARDEN 15	Split pin	2
16	GARDEN 16	Pin L=190mm	1
17	GARDEN 17	Complete wheel with PVC bush	1
18	GARDEN 18	Pin L=200mm	1
19	GARDEN 19	PVC shim	2
20	GARDEN 20	Hopper 50 Lt o 100 Lt	1
21	GARDEN 21	Hopper bush	1
22	GARDEN 22	Snap ring	1
23	GARDEN 23	Tow bar	1
24	GARDEN 24	Draw hook	1
25	GARDEN 25	Strut	1
26	GARDEN 26	Hook	1
27	GARDEN 27	Agitator	1
28	GARDEN 28	Guard	1
29	GARDEN 29	Hex-head screw 6x16	2
30	GARDEN 30	Self-locking nut M 6	2
31	GARDEN 31	Open gate	1
32	GARDEN 32	Lever	1
33	GARDEN 33	Knob M 8x20	1
34	GARDEN 34	Washer M 10	1
35	GARDEN 35	Washer M 8	3
36	GARDEN 36	Wrench	2
37	GARDEN 37	Complete lever extension	1
38	GARDEN 38	Inner Guard	1