



DISC MOWER DM SERIES 4-5-6 LIGHT SERIES

USER'S AND MAINTENANCE MANUAL

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Section 1 – General information

Assistance	For any needs, contact the machine dealer or the ENOAGRICOLA ROSSI Technical Office.
CE Marking	<p>This mark certifies that the machine complies with the safety requirements set by the European Union.</p> <div><p>ENOAGRICOLA ROSSI</p><p>06018 Calzolaro di Umbertide-Perugia-Italy</p><p></p><p>ROTARY DISC MOWER</p></div>
CE Conformity declaration	<p>ENOAGRICOLA ROSSI srl 06018 Calzolaro di Umbertide-Perugia-Italy declares under its exclusive responsibility that the machine</p> <p>ROTARY DISC MOWER Mod..... Series..... to which this declaration refers, conforms to the essential safety requirements established by Directives 89/392/EEC, 91/368/EEC, 93/44/EEC, 93/68/EEC.</p> <p>The legal representative</p>

Section 2 – Use of the manual



BEFORE INSTALLING AND USING THE MACHINE
OR BEFORE CARRYING OUT ANY OPERATION



READ CAREFULLY THE INSTRUCTIONS CONTAINED IN THIS MANUAL

This manual has been written for your safety. It is an integral part of this machine and must be kept for reference at all times, protecting it from moisture, neglect, and sunlight in order to prevent its deterioration.

The manual is intended for: the machine users, the owner, the safety supervisors, those in charge of handling, installation, use, supervision, maintenance, and final dismantling.

The manual provides indications on the correct use of the machine, its technical features, and safety measures; this manual, in any case, can never replace an adequate experience of the user.

The manual also gives information for personnel training, for guiding maintenance operations, facilitating the request for spare parts, and warning about remaining risks that could not be eliminated in the design phase.

The manual reflects the state of the machine's technical status as sold and cannot be considered inadequate if subsequently updated on the basis of new experience.

The company supplying the machine reserves the right to make any changes to the product and its manual without the obligation to update previous production and related manuals.

N.B. Enoagricola Rossi accepts no liability for damages resulting from improper use by untrained personnel, use not in accordance with national and Community workplace safety requirements, incorrect installation, serious deficiencies in the required maintenance, unauthorized changes or repairs, use of unauthorised spare parts, acts of God, or total or partial failure to follow the instructions contained in this manual.



The machine has been designed in conformity with European machine safety standards and, in particular, the following standards have been considered:

1. EN 292/2 Ed. 1991: Safety of machine. Fundamental concepts and general principles of mechanical design. Technical specifications and principles.
2. ISO 7000 Ed. 1994: Safety decals to be used on machine.

The machine must be used by operators who:

1. Have a good knowledge of safety standards and regulations.
2. Are well informed on risks of this machine and dangerous areas and on the importance of not tampering with protection guards.
3. Have been well trained on how to operate the machine.
4. Will inform manufacturer of any malfunctioning.



In the event this manual is lost or damaged, a new copy may be requested from this address:

ENOAGRICOLA ROSSI Srl

06018 Calzolaro di Umbertide – Perugia – Italy

Tel 075 / 930 22 22 Fax 075 / 930 23 28

IMPORTANT! If the machine is sold, please turn this manual over to the new owner.

Section 3 – Machine assembly

To facilitate shipments of the machines, several parts have been disassembled to reduce the shipping dimensions. To reassemble, proceed as follows:

- Open the case and lay the mower disc bar flat as indicated in Fig. 1.
- Turn the frame and the 3rd point using a lifting device (hoist, lift truck, etc.) and position the mower disc bar as in Fig. 2



Fig. 1

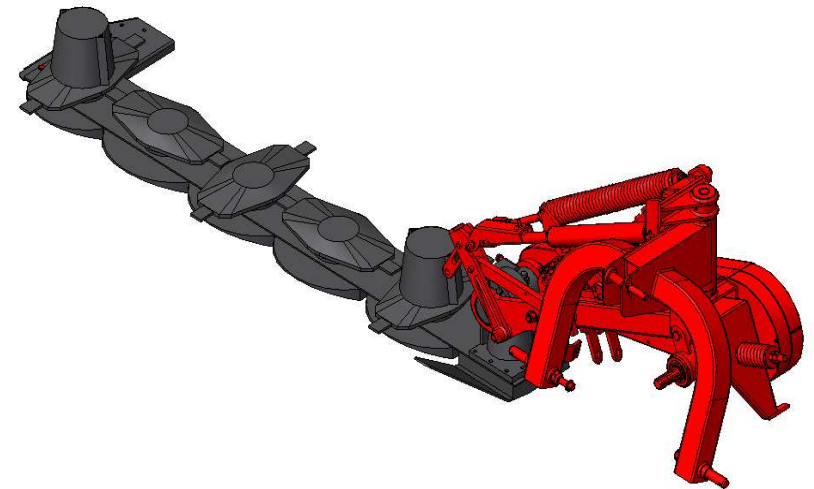


Fig. 2

1st assembly – assembly of the protection support.

Mount protection support **A** (Fig. 3 – Fig. 3/A) in gear case **B**; first of all, connect the lifting rod hole to support **D** (Fig. 3). Fasten the support with screws **C** (screw T.E. M12x50 and washer M12 **Y** and spacer **J**).

2nd assembly – assembly of the protection bar (only on DM-P series).

Position the protection bar **E** in support **A** (Fig. 4) and fasten it with six screws **F** (screw T.E. M10x35), six washers, and six self-locking nuts **G** M10 (only on DM-P series).

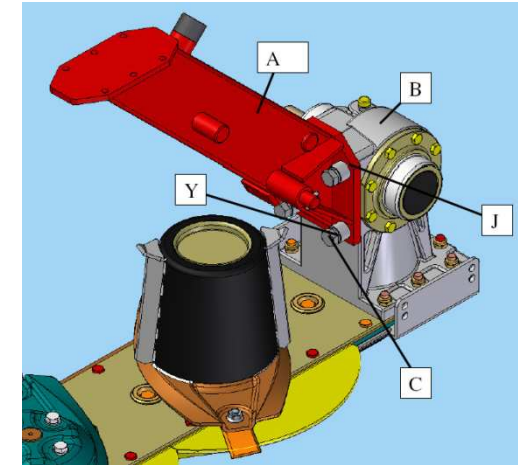


Fig. 3/A

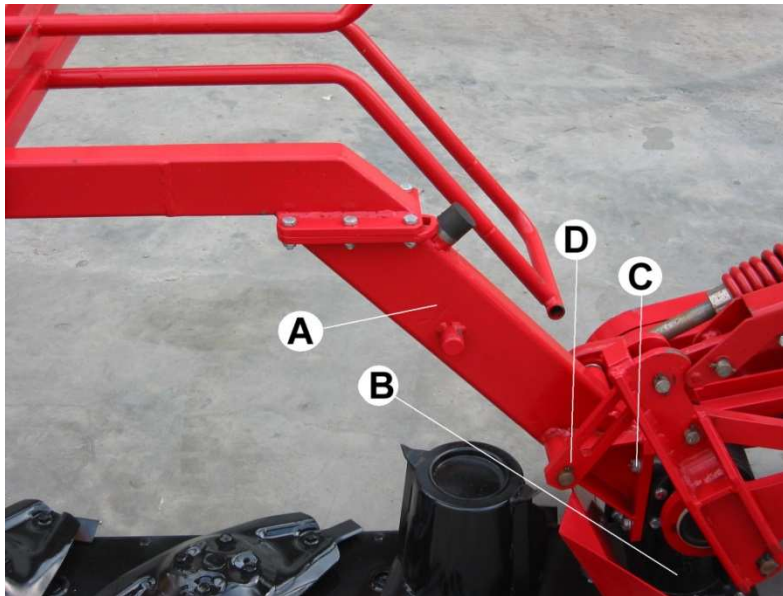


Fig. 3

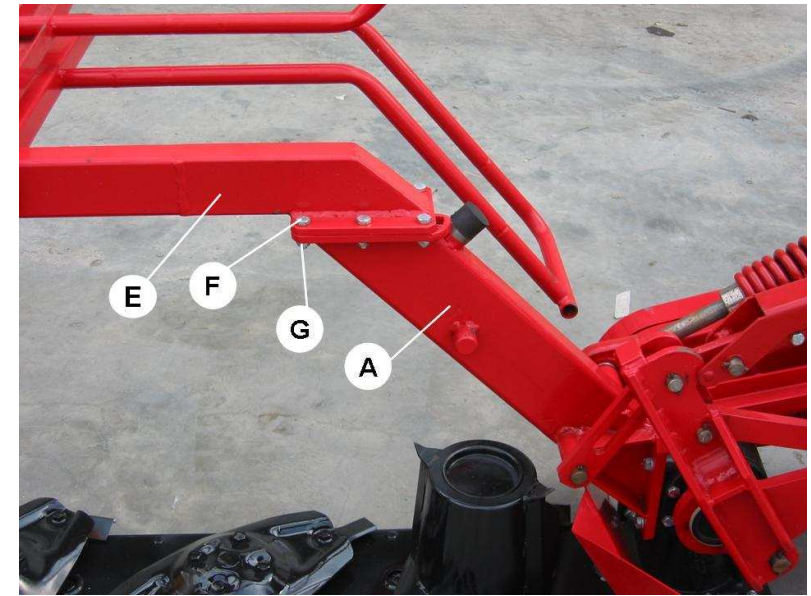


Fig. 4

3rd assembly – support rod.

Mount support rod **H** (Fig. 5), and fasten with screws **M** (T.E. M12x80 + self locking nut), and screws **N** (T.E. M10x30 + self locking nut M10)

4th assembly – assembly of the side rake disc.

Fasten rake disc unit **I** on the central bar **M** (Fig. 5). Fasten it using screws **P** (T.E.M10x70 + self locking nut M10) and plate **Z** (115x95x10)

Make sure the rake disc does not touch the cone cover and blades. Observe the safety distance X= from 15 to 25 mm. (Fig. 6).

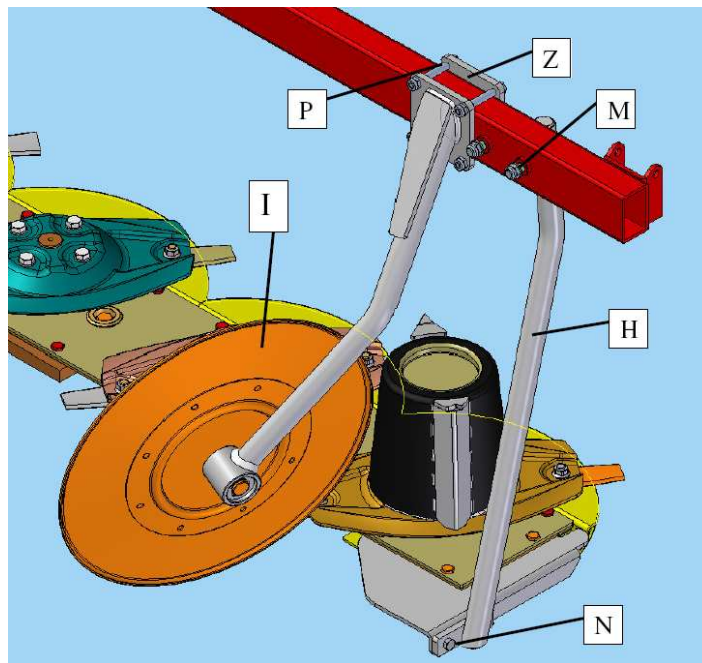


Fig. 5



Fig. 6

5th assembly – assembly of the internal cone disc.

Mount internal cone disc **M** (Fig. 7) so that the largest dimension is oriented perpendicular to that of the nearby disc.

6th assembly – assembly of the lower slide and protection plate.

Lift the mower and mount the lower slide **N** (Fig. 8) and slide tip **O**. Fasten them with four screws **P** (T.E. 12x30 + self-locking nuts + washer Ø12) and two screws **Q** (TTQS M10x25 + washer M10+ self locking nut M10).

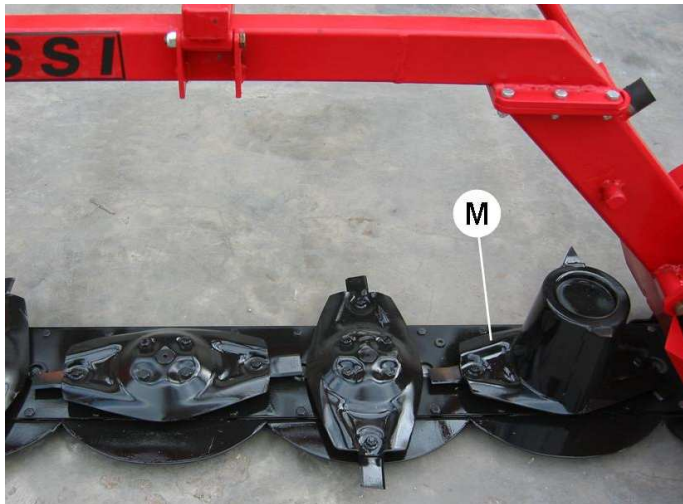


Fig. 7

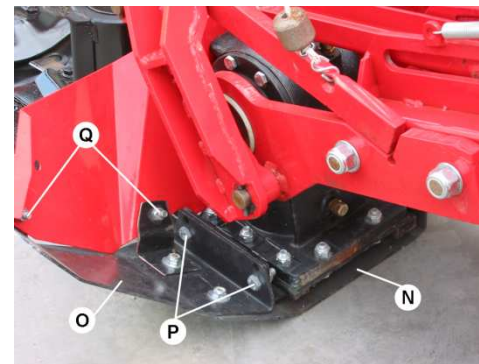


Fig. 8

7th assembly – assembly of internal protective flap.

Mount flap **R** (Fig. 9) protecting the gear case and fasten it with connecting bracket **S** and three screws **T** (TTQS M10x25 + washer M10 + washer + self locking nut M10). To facilitate assembly of flap **R**, it is advisable to insert all screws before starting to tighten them.

8th assembly – assembly of the belt protection case.

Mount case **U** (Fig. 10), fasten with screws **V** (T.E. M10x120), washers and self-blocking nuts (M10).

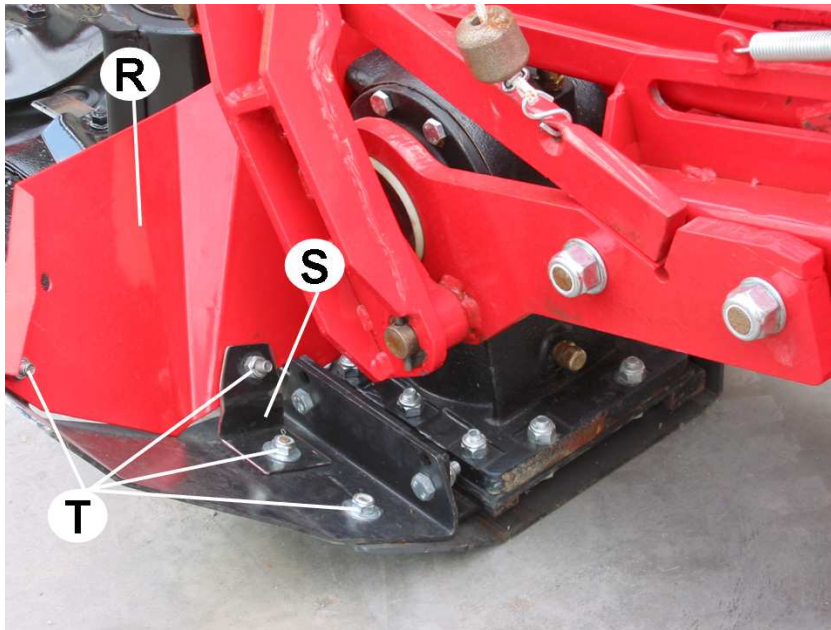


Fig. 9

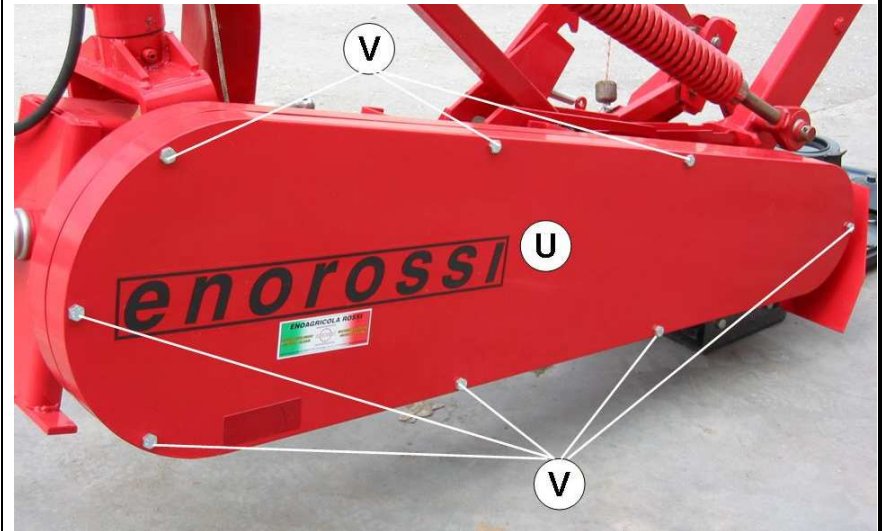


Fig. 10

9th assembly – compensating spring.

Hook spring **W** (Fig. 11) on pin **Y** of the protection support and fasten it with an elastic pin \varnothing 6x40.

To facilitate this operation, attach the machine to the tractor, lifting it until the support hole is aligned with pin **Y** (Fig. 11).

10th assembly – assembly of the release cord.

Insert cord **A** (Fig. 12) through ring **B**, then fasten the hook to safety hook **C**. Close the hook with a pliers. Insert cord **D** through ring **E** and tie safety hook **C** (Fig. 13), making a knot in the hole.

Mount hydraulic pipe **G** on the hydraulic piston, with the perforated screw, positioning the copper washers (Fig. 13).



Fig. 11

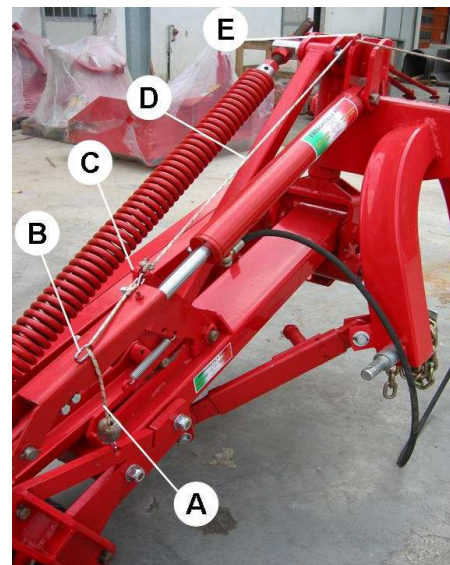


Fig. 12



Fig. 13

11th assembly – assembly of protection guards.

Mount front guard **H** (Fig. 14) on the three hinges and fasten with screws **I** (T.E. M10x85) and self-locking nuts M10 + washer.

Mount rear guard **L** with six screws **M** (TTQS M10x25) and self-locking nuts M10.

Assemble the protection guard frame and fasten it to the supporting structure using the ties found under the tarpaulin (Fig. 15).

Assemble the protection rod for tarpaulin **N** (Fig. 17) and at the same time assemble (Fig. 16) front handle **O** and rear handle **P**. Fasten rear handle **P** with screws **Q** (TTQS M10x35), washers, and self-locking nuts M10.

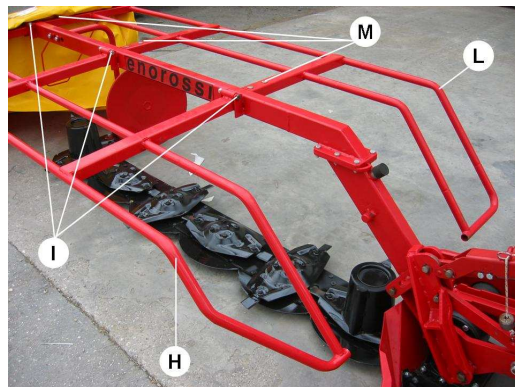


Fig. 14



Fig. 15

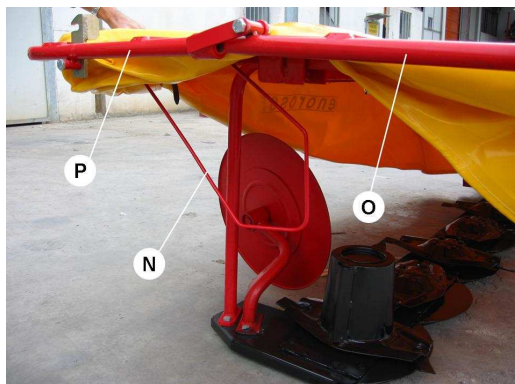


Fig. 16



Fig. 17

12th assembly – blade assembly.

Check the rotation direction of the discs; each blade has an arrow indicating the rotation direction. After tightening the screw and nut, make sure the blade can rotate freely from the oval disc (Fig. 18).

13th assembly – assembly of the protective guard.

Insert the guard into the power takeoff tube and fasten with the band screw T.E. M8x16 and washer M8x24 (Fig. 19).

14th Insert pin **A** Ø40x274 on left side; insert pin **B** Ø40x219 on right side see fig. 19. Fasten the pins using nuts **C** M24 + washers Ø24



Fig. 18

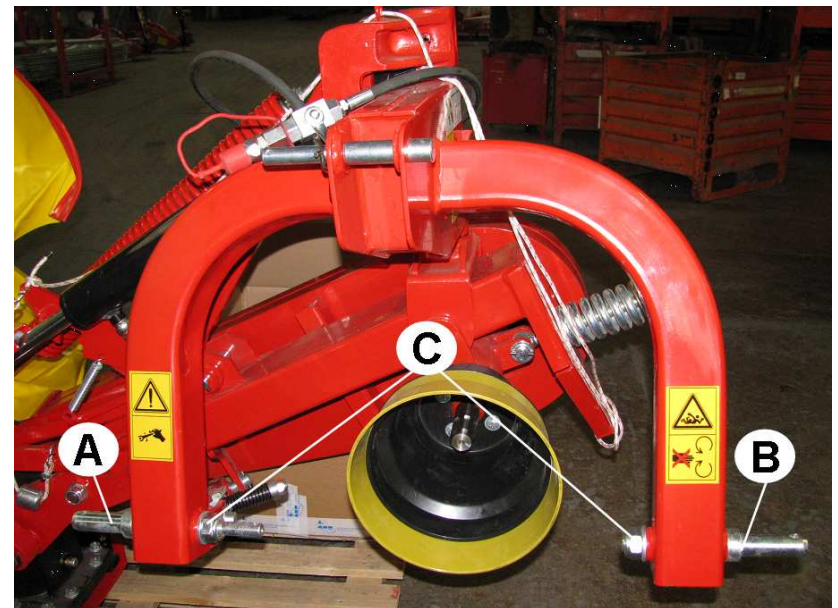


Fig. 19

Section 4 – Attachment of the machine to the tractor

NB: The mower must be attached to a tractor with a power takeoff of 540 rpm and to a 3-point attachment (Fig. 20).

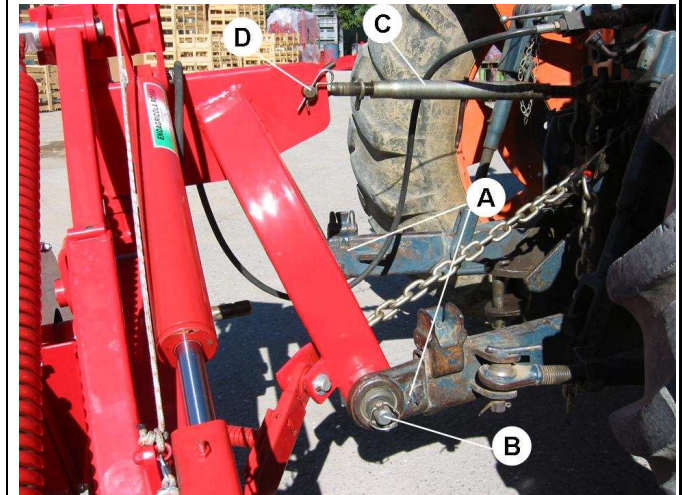


Fig. 20

Instructions for attachment to the tractor:

- 1) Insert the tractor's lifting arms **A** (Fig. 20) into attachment pins **B** and fasten them with split pins.
- 2) Insert 3rd point **C** and fasten it with pin **D** (Fig. 20).

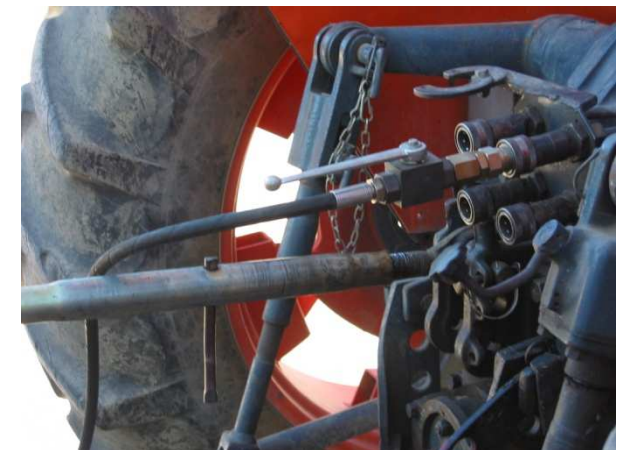


Fig. 21

- 3) Connect the hydraulic pipe of the piston to the tractor's distributor (Fig. 21)



4) Connect the tractor's cardan shaft to the power takeoff of the mower; use chains to prevent rotation of the protection pipe.

5) Lift the machine using the hydraulic lift; turn edge **E** upwards (Fig. 22)

6) **IMPORTANT!!!** During work and transport, edge **E** must always be turned upwards as in Fig. 23.

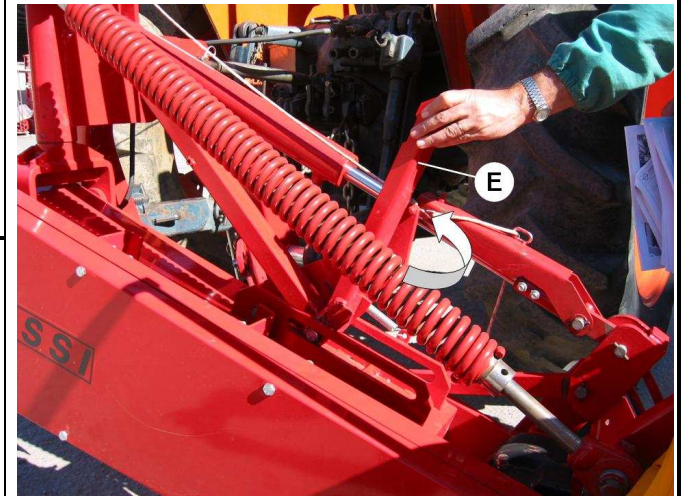


Fig. 22

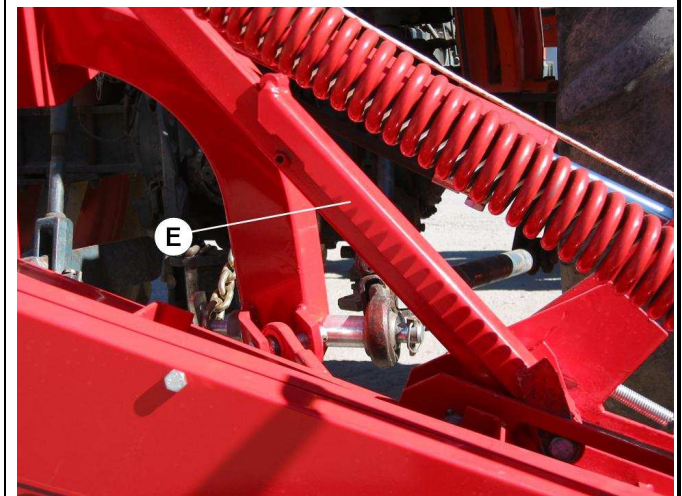


Fig. 23

7) ADJUSTMENT OF FRAME HEIGHT FROM THE GROUND.

A - *for tractors equipped with hydraulic lift position control:*

Position the tractor on level ground and lower the hydraulic lift until the lifting lever **F** is positioned at a distance of 4 mm from the edge, as shown in Fig. 24.

After adjusting the height of the mower frame, set the lift control from the tractor driver's seat. In this case it is not necessary to use the limiting chain supplied with the machine.

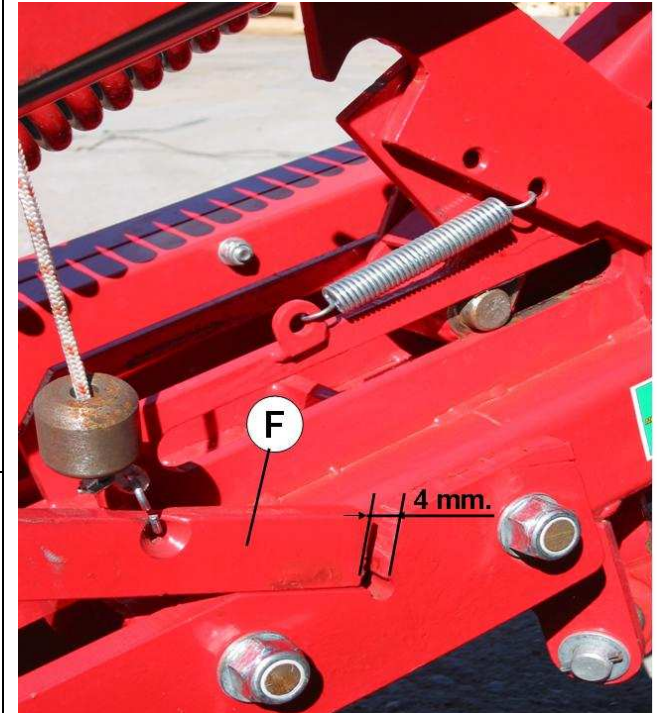


Fig. 24

B – for tractors not equipped with hydraulic lift position control:

The chain supplied with the machine must be used.

Fasten bracket **G** (Fig. 25) and the limiting chain **H** supplied, to one of the free holes of the tractor's third point.

Lower the machine to work position, until lifting lever **F** is positioned at a distance of 4 mm from the edge, as shown in Fig. 24. Limiting chain **H** must be taut (Fig. 25), and the lifting lever must be at a distance of 4 mm. as per Fig. 24.

To be able to always recognize this position, mark the chain ring that will be hooked with bracket **G**.

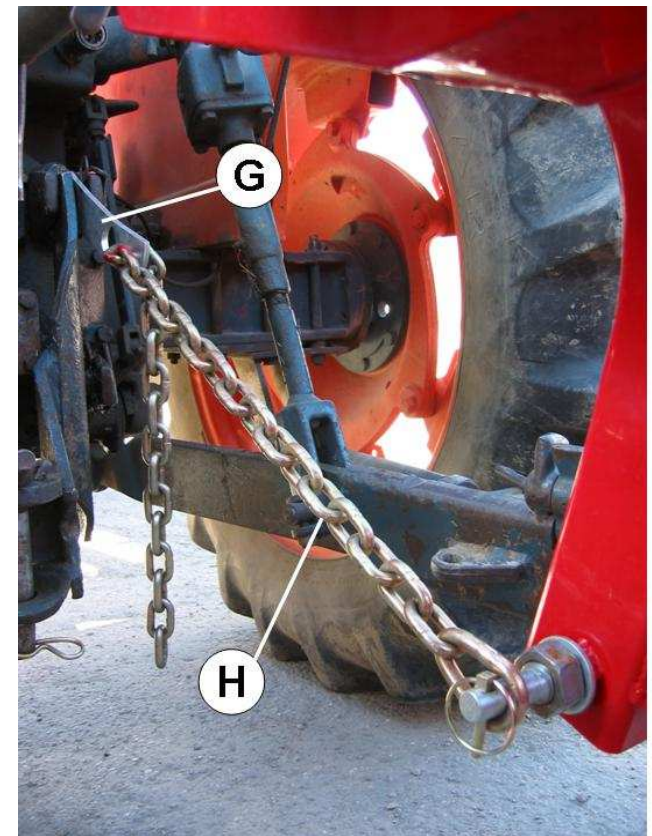
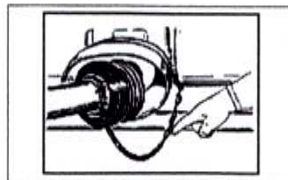
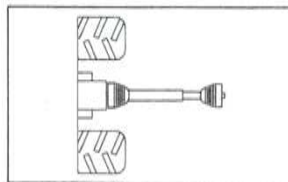
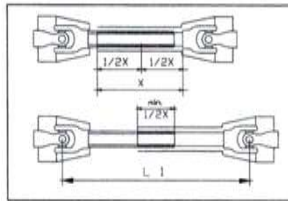
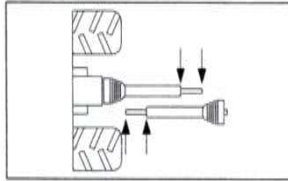


Fig. 25



Section 5 – Cardan shaft



The cardan shaft supplied with the mower is of the correct size for coupling with most tractors on the market.

In any case, before starting work for the first time, it is advisable to check its length.

If adaptation is required, proceed as follows:

Important!

Use only the cardan shaft supplied or recommended, otherwise any warranty claim or request will be considered null and void.

If the cardan shaft is too long, open the two halves and overlap them; this way it will be possible to determine how much longer it is in cm.

Cut both tubes of the internal and external cardan shaft to the same length, as well as their guards.

Clean the cut edges of the tubes with a file, grease them, and reclose the cardan shaft.

Important!

The maximum work length (L1) must allow an overlapping of the tubes equal to half the length of the closed cardan shaft (min. $\frac{1}{2}X$).

Always make sure that the cardan shaft is correctly tightened before starting work

Support chain

Use the chain to prevent rotation of the protection tube.

Make sure that the chain does not hamper the side movements of the cardan shaft.

Section 6 – Transport position

Before moving the mower into transport position, send away all persons who may be in the manoeuvring area.

To position for road transport or for moving from one field to another, carry out the following operations:

- 1) Disconnect the tractor power takeoff, and make sure the discs have stopped rotating.
- 2) Turn front guard **I** backward until the fastening point with hook **L** (Fig. 26).



Fig. 26

- 3) Lift the bar using the tractor's hydraulic lift, positioning lower slide **M** at about 15-20 cm from the ground (Fig. 27).

- 4) Edge **E** must be turned upwards (Fig. 22 – Fig. 23 Pag. 15).

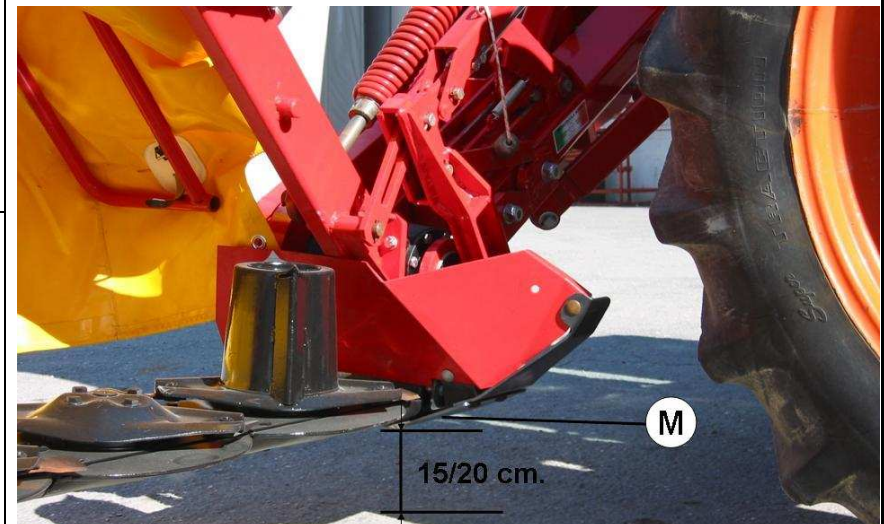


Fig. 27

5) Pull cord **O** to free lifting lever **P** (Fig. 28).



Fig. 28

6) Slowly lift the mower to a vertical position, using the hydraulic hitch. Release the traction of cord **O** (Fig. 29) while raising the bar vertically; it will automatically hook up, for transport, with safety hook **P1**.

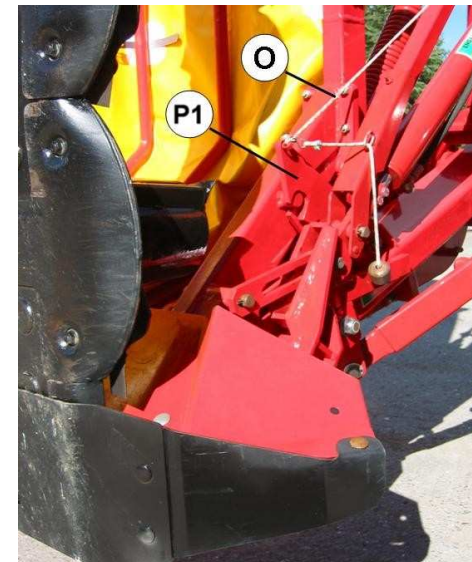


Fig. 29

Section 7 – Work position and adjustment

Before moving the mower into the work position, send away all persons who may be in the manoeuvring area.

To switch the bar from transport position to work position, carry out the following operations:

1) give pressure to the hydraulic hitch to lighten the weight on safety hook **P1** (Fig. 30).

2) Pull cord **O** to free the bar from safety hook **P1** (Fig. 30).

3) Lower the mower using the hydraulic cylinder until it reaches the work position.

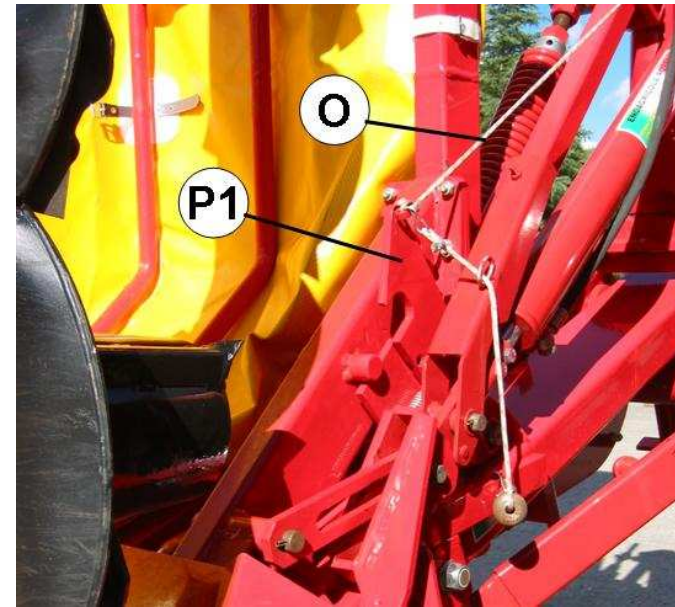


Fig. 30

4) Turn the front tarpaulin carrier over forward.
(Fig. 31)

5) Check the height of the frame from the ground.
Lifting lever **F** (Fig. 24, Page 20) must be positioned at a distance of 4 mm from the edge.



Fig. 31

Section 8 – Use of the mowing machine

Before starting work, make sure that there are no persons close to the work area.

Check that protective guards are lowered and the protective tarpaulin is covering the cutting bar.

At this point, carry out the manoeuvres listed below:

- 1) Connect the tractor's power takeoff and accelerate progressively until reaching 540 rpm.
- 2) The advancement speed must be appropriate for the working conditions. Reduce speed when changing direction.
- 3) When work is finished, gradually reduce the speed of the power takeoff, then disconnect it.

IMPORTANT!!!! Do not mow in extremely stony or rocky areas.

- 4) During work, the tractor's hydraulic distributor must always be in floating position in order to permit an adequate adaptability to the irregularities of the terrain.

The mowing bar can be raised from the ground using the hydraulic cylinder (Fig. 32).

- 5) Raise the mowing bar using the hydraulic cylinder until the cylinder edge **R** reaches its limit (Fig. 33).



Fig. 32

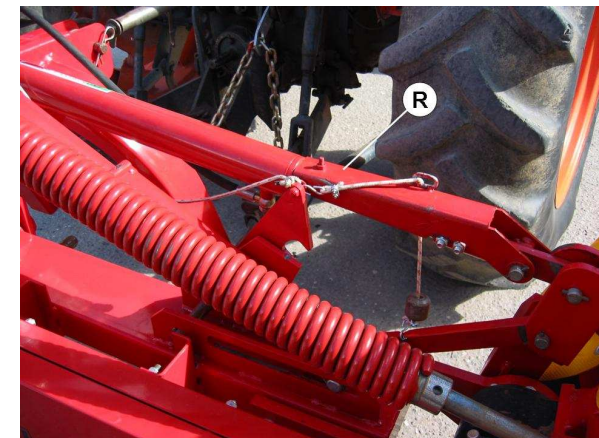


Fig. 33

Section 9 – Adjustments for operation

Adjustment of the side rake disc.

Position the rake disc in order to have the greatest distance between the uncut forage and the windrow.

To set the disc in the correct position loosen the 4 screws pos. A and move to right or left the disc support see fig.34. Once you reach the right position fasten the 4 screws pos. A

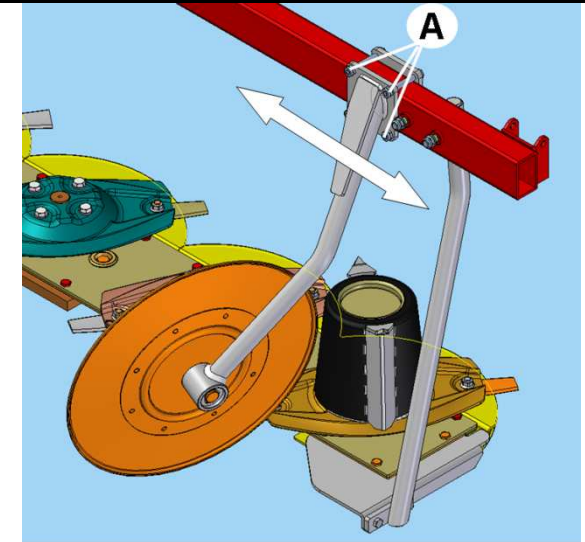


Fig. 34

Adjustment of cutting height.

The maximum and minimum cutting heights are obtained by changing the tilt of the mowing bar, by varying the length of the third point **C** (Fig. 35), until the desired cutting height is obtained. The minimum height must be no less than 30 mm.

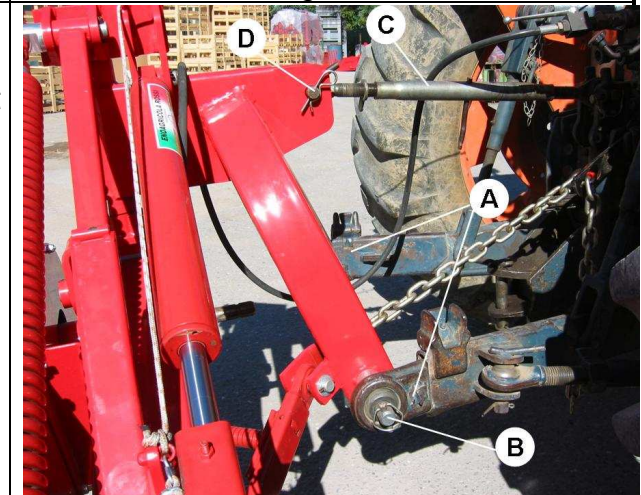


Fig. 35

Adjustment of the safety hook.

If the mowing bar hits an obstacle during work, the safety hook opens and allows the mowing bar to shift backward. In this case, immediately stop the tractor and disconnect the power takeoff.

The safety hook is rehooked by backing up.

NB: Check that all moving parts are well greased. If an obstacle is struck, check to make sure the mowing bar has not been damaged (Fig. 36).



Fig. 36

The distance **T** of the washers to spring **A** must be 95 mm (Fig. 37).

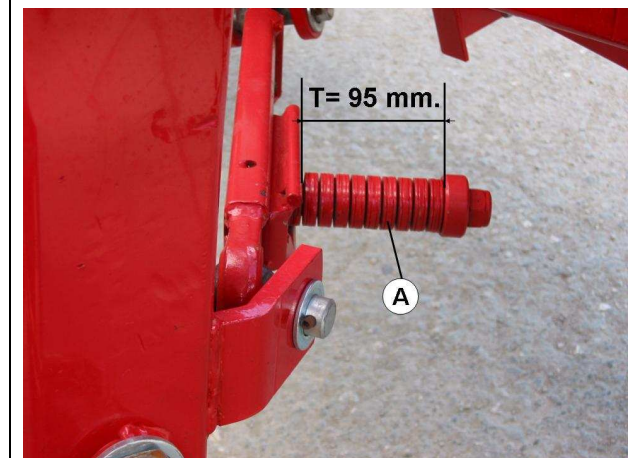


Fig. 37

Detachment of the machine from the tractor.

1) Using the hydraulic hitch, lower the disc mower to a horizontal position. Unlock edge **N** and turn it downwards (see arrow) onto transfer case **U** (Fig. 38 – Fig. 39).



Fig. 38

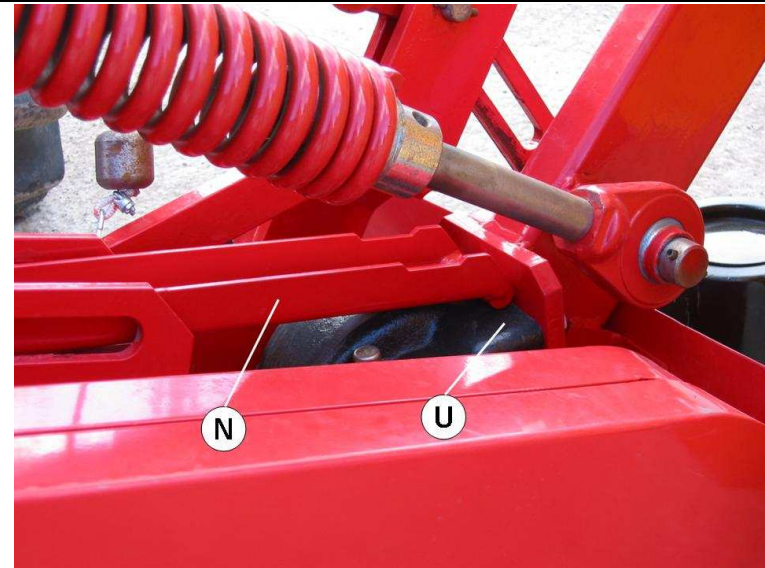


Fig. 39

2) Lower the tractor's hydraulic lift, to lower the machine to the ground.
3) Disconnect the third point and remove the hydraulic tube, closing the tap **V** (Fig. 40).

4) Disconnect the towing bars and cardan shaft.



Fig. 40

Section 10 – Checks, maintenance, adjustments.

IMPORTANT!!! Before proceeding with any maintenance or adjustment, turn off the tractor engine, remove the keys, and disconnect the cardan shaft.

1) Checking of discs and blades.

The discs, blades, and fastening screws are made of a special high-quality steel and heat-treated to increase their durability and resistance to wear.

Worn or damaged parts must be immediately replaced with original ENOROSI parts, otherwise it will not be possible to make any warranty claims or requests.

2) Checking of blade-carrying pins.

Make regular checks of the condition of the blade pins every 50 work hours, and check them more often if work is done on rocky terrain or in difficult conditions.

Check them immediately in the case of violent blows (stones, pieces of wood, etc.).

Replace the blade pin if it is deformed or deteriorated.

Replace the blade pin if the screw head is worn or deteriorated.

Replace the blade pin if the screw head measures less than 13-15 mm (D) (Fig. 41).

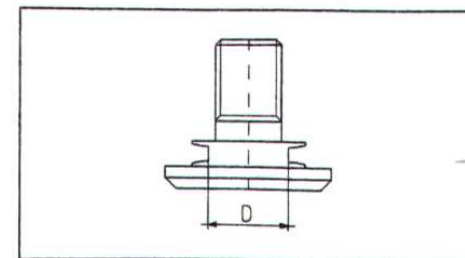
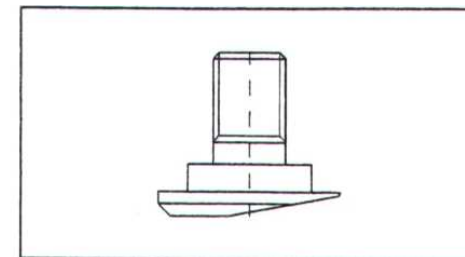


Fig. 41

3) Checking of fastening screws.

Replace the nut when the locking washer has lost its elasticity. Replace the nut if it shows evident consumption (Fig. 42).

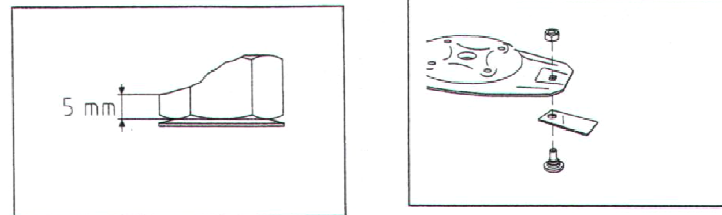


Fig. 42

4) Checking of blades.

Blade replacement.

Rotate the disc perpendicularly (Fig. 43) to the mowing bar and unscrew the nut projecting above the disc using a 19 wrench. Pull out the blade holder from underneath the disc and remove the blade.

Pay attention to the rotation direction of the disc (Fig. 43) and assemble the blade according to the same rotation direction (as indicated by the arrow printed on the blade). All blades on the same disc are the same.

Use original ENOROSI spare parts.

For your safety, and for a better cutting quality, make systematic checks of the wear condition of the blades before every use of the mower.

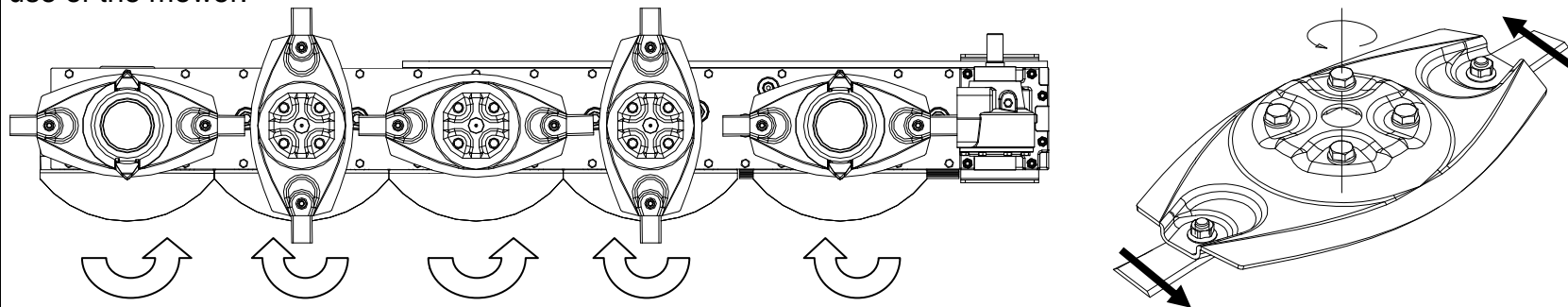


Fig. 43

Change blades immediately if they are damaged, because if work is done occasionally in difficult conditions, the risk of accidents increases, the cutting quality decreases, and vibrations may also damage the disc support.

Replace blades immediately when they are worn down. Blades should be at least 90 mm long (A) and 30 mm wide (B) (Fig. 44).

Replace the blade if the hole has become ovalized to more than 4 mm (L) (Fig. 44).

IMPORTANT!! Make regular checks of the tightness of all fastening screws and nuts, in particular those that hold blades and discs.

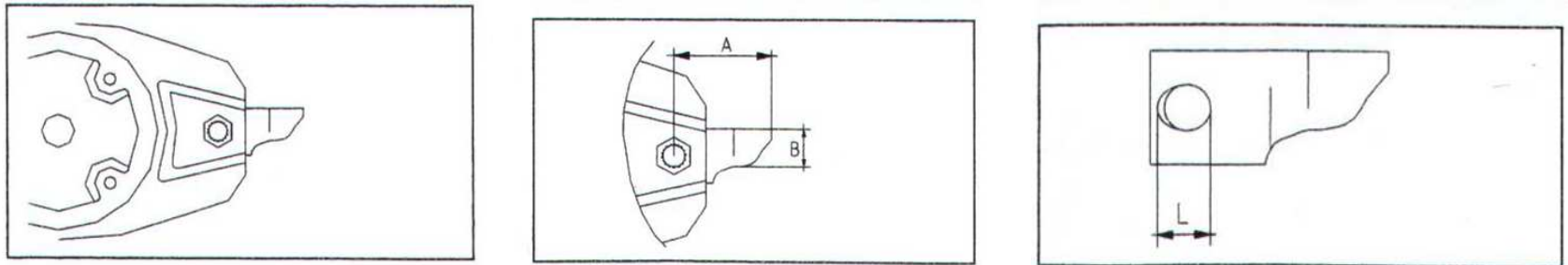


Fig. 44

5) Checking of belts (tension adjustment).

To prevent belt slippage, it is necessary to periodically check the belt tension.

To increase tension, tighten nut **A** on the threaded bar (Fig. 45).

It is very important for the belt tension to be checked after the first hours of work, and later with weekly checks.



Fig. 45

6) Adjustment of the compensating spring.

The spring tension is regulated in the factory; the tension may be changed as follows:

Lift the mower until spring **B** (Fig. 46) is taut. Loosen lock nut **C** and turn **D** to reduce or increase tension. After regulating, lock with locknut **C**.

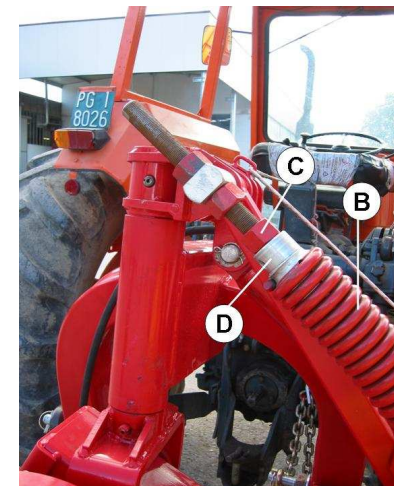


Fig. 46

Section 11 - Lubrication

Lubrication of the mowing bar.

Oil level check.

Check the oil level before starting to mow for the first time, and in normal conditions (no oil leaks) every year.

1) To check the oil level, set the mowing bar horizontally (in working position).

2) Lift the bar using the hydraulic hitch as indicated in Fig. 47.

Mod. D3L: Lift the mowing bar 90° and the filling cap functions as an oil level.

Mod. D4L: B = 40 cm (Fig. 47).

Mod. D5L: B = 125 cm (Fig. 47).

Mod. D6L: B = 30 cm (Fig. 47).

Mod. D7L: B = 35 cm (Fig. 47).

Mod. D8L: B = 50 cm (Fig. 47).

3) Leave the machine still in this position for 15 minutes, to allow the oil to return into the lower part of the mowing bar.

4) Remove the filling cap and check if the oil reaches the hole (Fig. 48).

5) The oil level is correct when the oil reaches the hole of the filling cap.

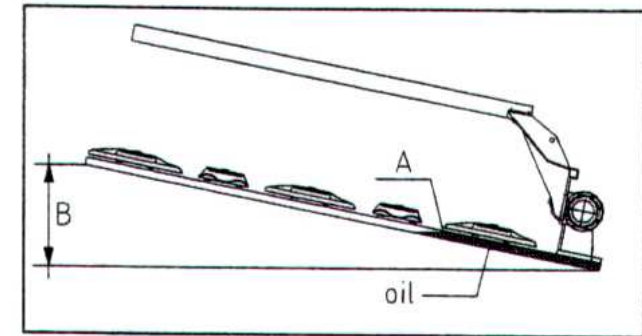


Fig. 47

Position of the filling cap.

Mod. D3L-D4L-D5L: between the gear case and the first disc (Fig. 48).

Mod. D5L-D6L-D7L: between the first and second disc (Fig. 48).

Mod. D8L: between the second and third disc.

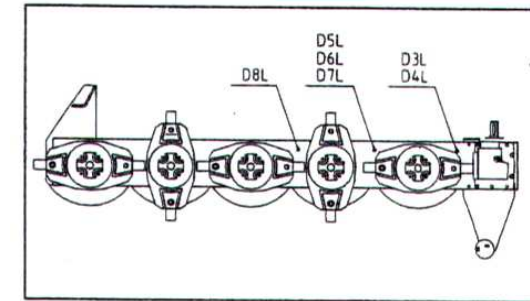


Fig. 48

Oil replacement.

The oil must be replaced completely after the first 50 hours of work, or at least after 100 hectares mowed.

Lift the mowing bar to a vertical position (Fig. 49). Remove the drainage cap situated at the bottom of the mowing bar and let the oil flow out, taking care to collect and dispose of it in accordance with the waste disposal laws and provisions in force.

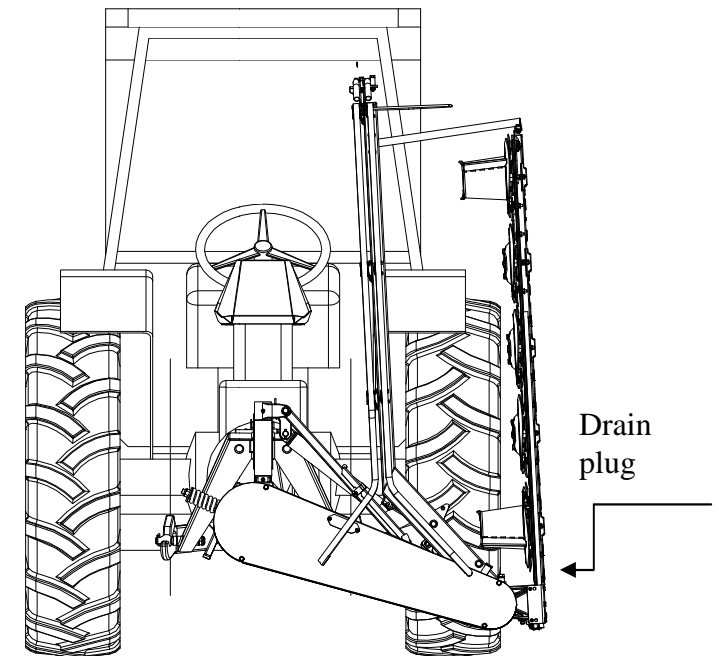


Fig. 49

Oil replacement must be carried out using hot oil (check that it is not too hot, in order to prevent burns), since in this case the oil is more fluid and flows out more rapidly, preventing the old, much denser oil remaining inside the bar.

Fill through the filling cap situated on the upper part of the mowing bar.

Use type SAE 80W90 oil.

Oil quantity:

D3L: 1.5 litres

D4L: 2 litres

D5L: 2.5 litres

D6L: 3 litres

D7L: 3.5 litres

D8L: 4 litres

NOTE: During work, it is normal for the oil in the tank and the gear case to heat up; there are no problems if the discs turn freely when turned by hand.

Gear case: Check the level of the gear case oil, with the mower lying horizontal on the ground. Remove the cap with the rod from the upper part of the case (Fig. 50) and check the level of the SAE80W90 type oil.

Cardan shaft lubrication: Grease the cardan shaft and follow the safety instructions supplied by the manufacturer.

ATTENTION! The operator must maintain the protection in conditions of maximum efficiency. Do not approach the cardan shaft while it is moving.



Fig. 50





Section 12 – Requesting spare parts

HOW TO CONTACT ENOAGRICOLA ROSSI

The **ENOAGRICOLA ROSSI** customer help and spare parts service is at your disposal.

To order spare parts, photocopy this page, fill it out with the requested information, and send it by mail or fax to:

ENOAGRICOLA ROSSI s.r.l.

06018 Calzolaro di Umbertide – Perugia – Italy

Tel. (39) 075-930 22 22 - Telefax (39) 075-930 23 28

To facilitate assistance and/or the supply of spare parts, please always provide the following information:

First & last name or Company name	
Fiscal Code and/or VAT No.	
Billing address	
Shipping address (if different from above)	

Ref. #	Code	Description	Quantity



TABLE 1 COD. 19010487

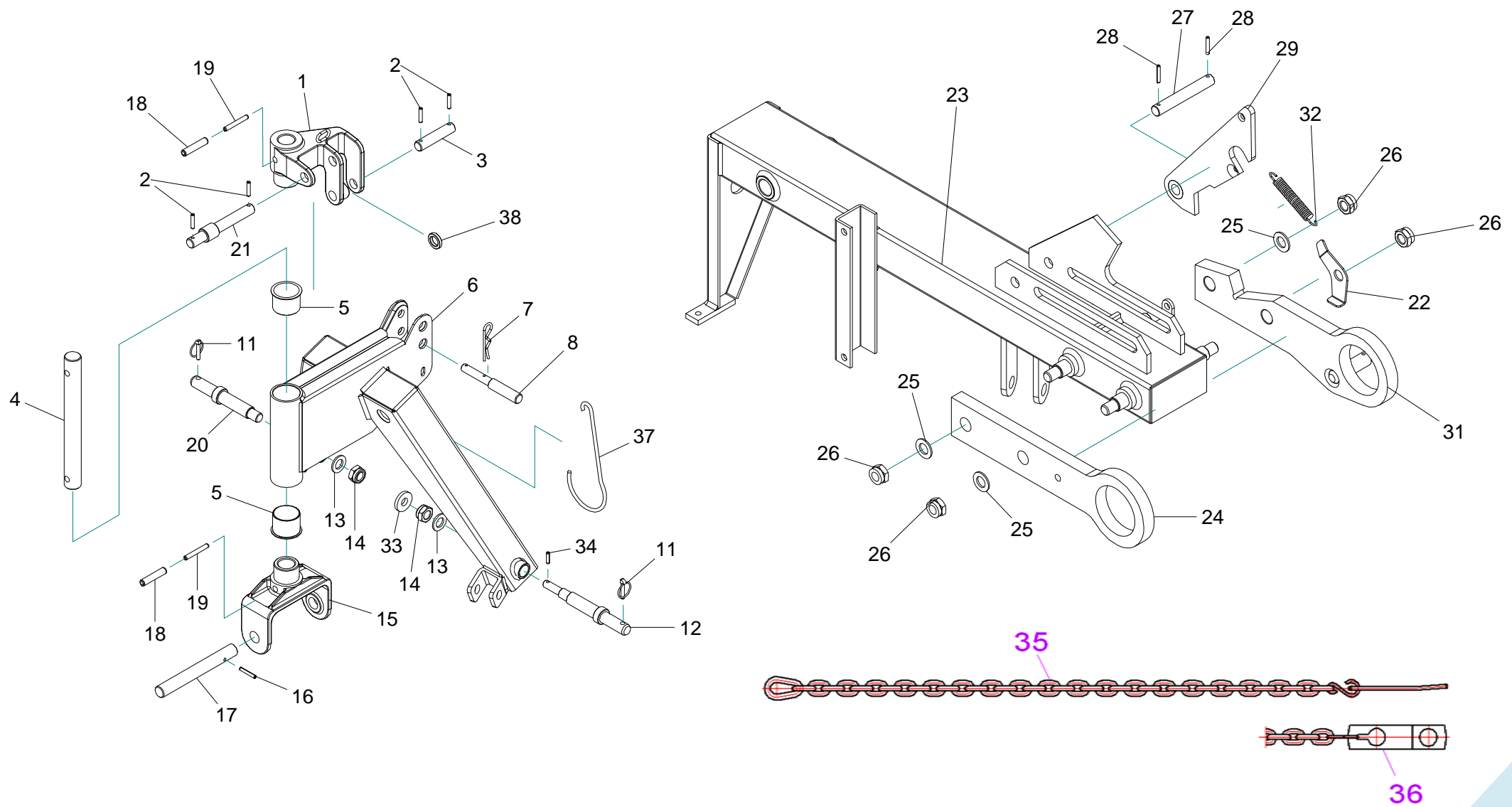




TABLE 1 COD.19010487

Pos.	Code	Description	Qty	Pos.	Code	Description	Qty	Pos.	Code	Description	Qty
1	18031953	Upper support	1	15	18031955	Lower support	1	29	18031958	Transport hook	1
2	3080123	Spring pin 8x50	4	16	3080105	Spring pin 8x50	1	30	3080109	Spring pin 6x32	1
3	12881232	Pin	1	17	12880972	Pin	2	31	18032513	Front pivoting hinge	1
4	12880960	Pin	1	18	3080153	Spring pin 10x75	2	32	11010529	Spring	1
5	12240220	Sliding bearing	2	19	3080152	Spring pin 16x75	2	33	1013058	Washer Ø50	1
6	18031954	Frame	1	20	12880962	Pin	1	34	3080121	Spring pin Ø8x30	1
7	3040202	Split pin 5x100	1	21	12880964	Pin	1	35	18032416	Chain Adjustment	
8	12880961	3-point pin	1	22	1313775	Guide	1	36	12880829	Plate coupling	
9				23	18032511	Frame	1	37	18032512	Support	1
10				24	18031957	Rear pivoting hinge	1	38	18032515	Spacer	1
11	12880614	Pin 8x56	2	25	3030168	Washer M20	4				
12	12880963	Pin	1	26	3020216	Self locking nut M20	4				
13	3030174	Washer M24	2	27	12881236	Pin	1				
14	3020223	Self locking nut M 24	2	28	3080102	Spring pin 6x36	2				

TABLE 2 COD. 19010488

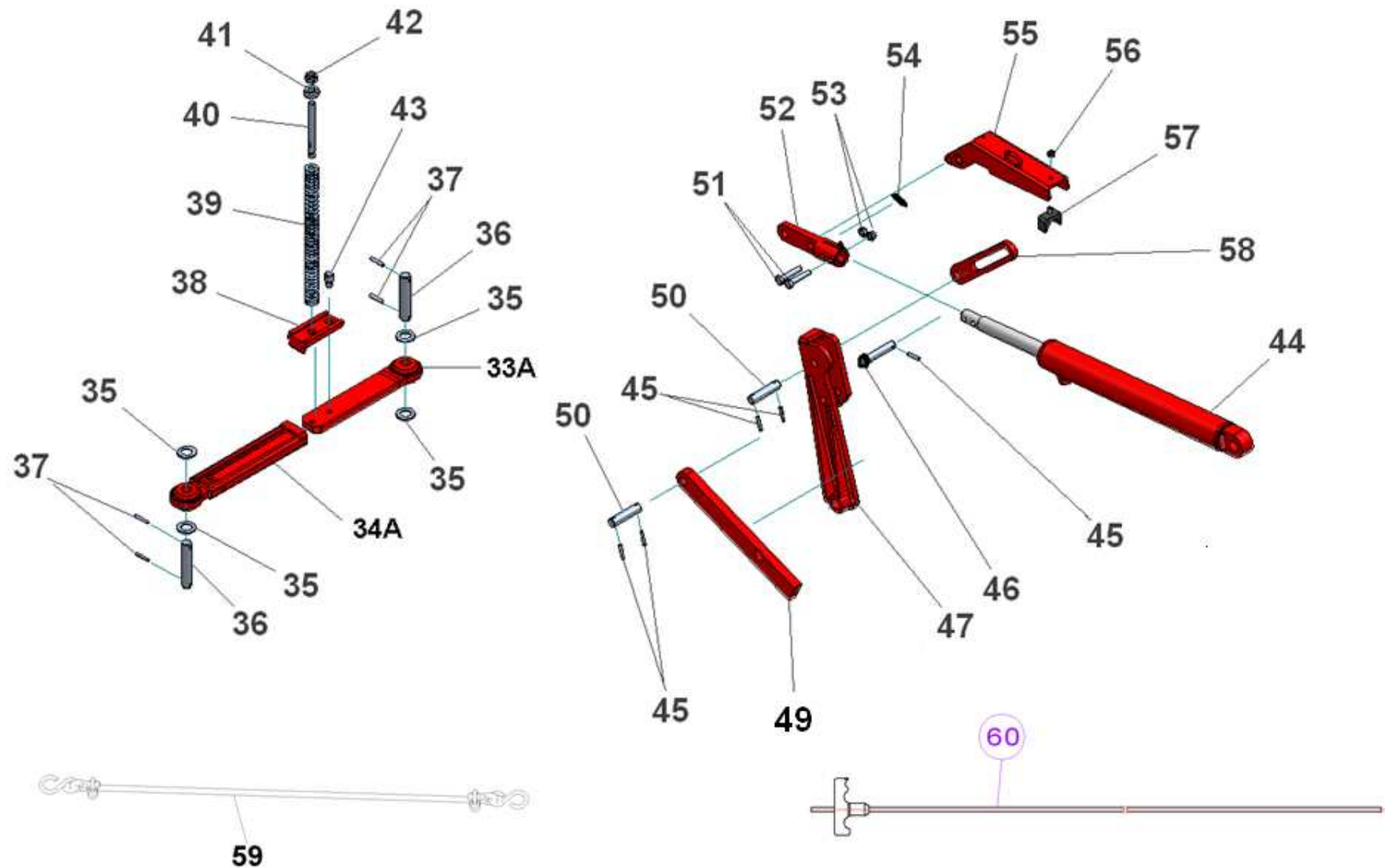




TABLE 2 COD. 19010488

Position	Code	Description	Qty.	Pos.	Code	Description	Qty
33/A	18032510	Tie rod	1	47	18031963	Floating arm	1
34/A	18032509	Tie rod	1	48			
35	3030176	Washer M22	4	49	18031964	Lever	1
36	12880953	Pin	2	50	12881242	Pin	2
37	3080102	Spring pin 6x36	4	51	3010304	Screw T.E. M10x55	2
38	18031962	Safety linkage	1	52	18031965	Rod attachment	1
39	11011007	Spring	40	53	3020201	Self locking nut M10	2
40	12880967	Tie rod	1	54	11010530	Spring	1
41	12880969	Washer M	1	55	18031966	Hydraulic cylinder locking	1
42	3020203	Self locking nut M14	1	56	3020209	Self locking nut M8	1
43	12880968	Pin	1	57	18031997	Cylinder ledge	1
44	18032508	Hydraulic cylinder	1	58	18032412	Connecting rod	1
45	3080109	Spring pin 6x32	6	59	18032417	Rope to the bar	1
46	18031989	Pin	1	60	18032418	Rope to pull	1

TABLE 3 COD. 19010489

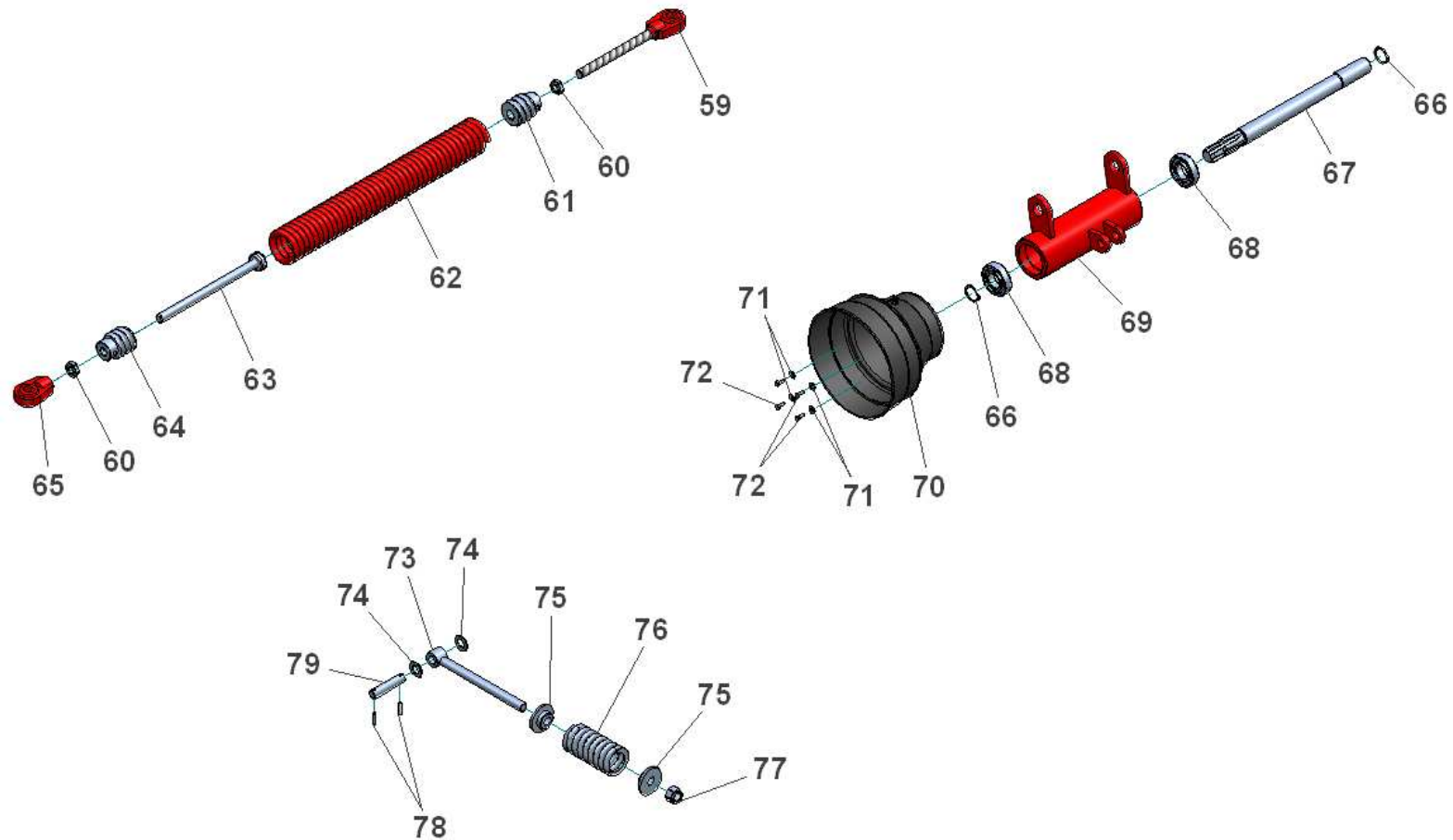




TABLE 3 COD. 19010489

Pos.	Code	Description	Qty	Pos.	Code	Description	Qty
59	18031967	Tie rod	1	72	3011221	Screw T.E. M8x16	4
60	3020356	Nut M20x1.5	2	73	18032407	Hinge screw M20x2,5	1
61	18032413	Bushing	1	74	3030168	Washer M20	2
62	11010625	Spring	1	75	12880985	Washer	2
63	18031968	Tie rod	1	76	11010624	Spring	1
64	18032414	Bushing	1	77	3020235	Self locking nut M20x2,5	1
65	18032415	Shaft	1	78	3080109	Spring pin 6x32	2



66	3120146	Ring E35	2	79	12880903	Pin	1
67	18031969	Shaft	1				
68	12240145	Bearing	2				
69	18031970	Support	1				
70	9070103	Cover	1				
71	3030125	Washer M8x24	1				

TABLE 4 COD. 19010521

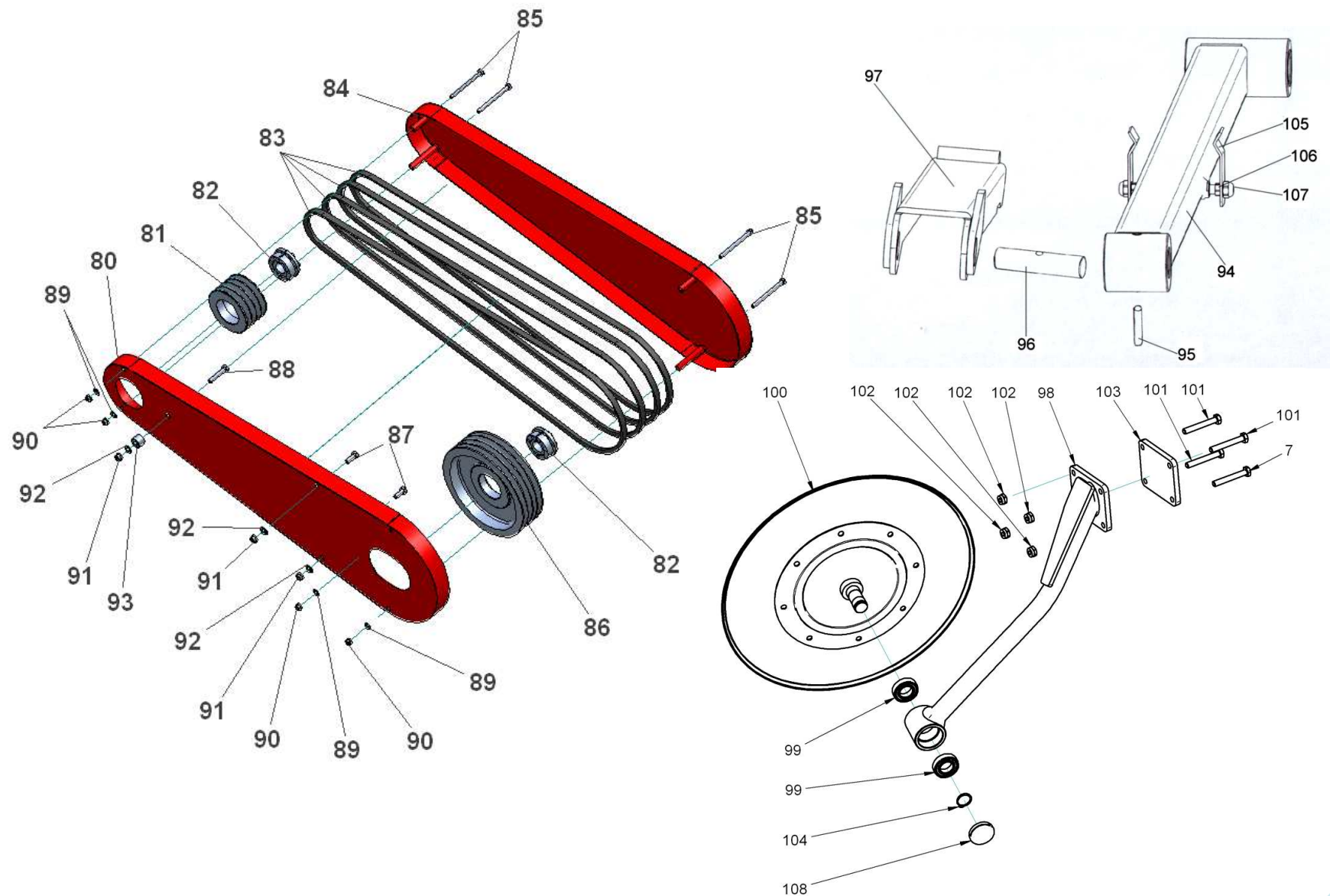




TABLE 4 COD. 19010521

Pos.	Code	Description	Qty.	Pos.	Code	Description	Qty.
80	18032506	Internal cover	1	95	3080103	Spring pin 6x40	1
81	2030120	Pulley	1	96	12881250	Guide	1
82	12660321	Friction locking assembly	2	97	18031971	Bar ledge	1
83	8020558	Belt XPB-2800	4	98	18032421	Disc support	1
84	18032507	Outer cover	1	99	12240101	Bearing 6005 2RSR	2
85	3011304	Screw T.E. M10x120	4	100	18031936	Disc	1
86	2030119	Pulley	1	101	3010756	Screw T.E. M10x70	4
87	3011241	Screw T.E. M12x30	2	102	3020201	Self locking nut M10	21
88	3011288	Screw T.E. M12x70	1	103	18032422	Plate coupling	1
89	3030159	Washer M10	4	104	3120110	Split ring E25	1
90	3020201	Self locking nut M10	4	105	11010531	Spring	2
91	3020202	Self locking nut M12	3	106	3020329	Nut M8 z.	2
92	3030162	Washer M12	3	107	3020209	Self locking nut M8	2
93	12881252	Spacer	1	108	10010812	Plug Ø 47	1
94	18032505	Floating bar	1				



TABLE 5 COD. 19010522

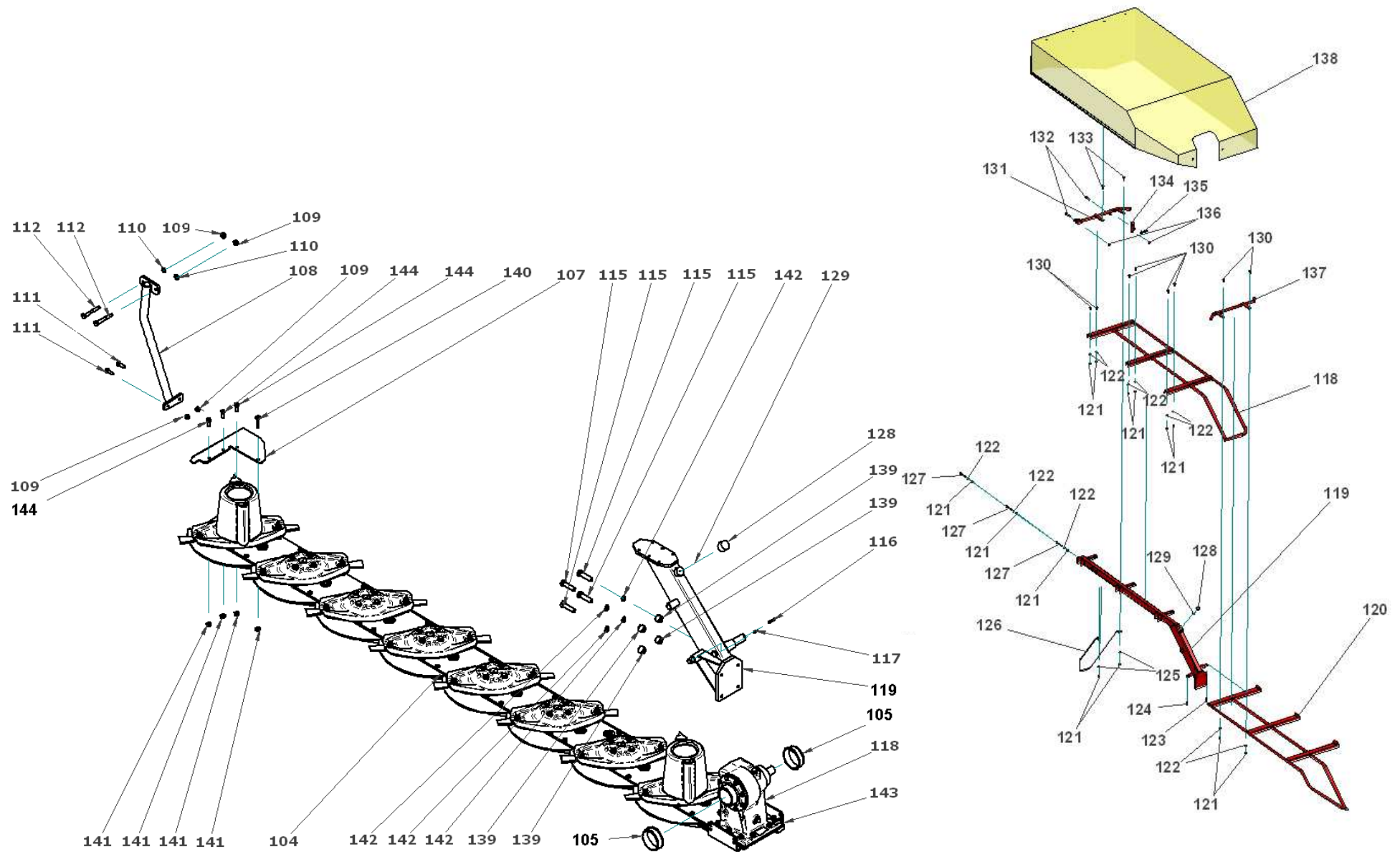




TABLE 5 COD. 19010522

Pos.	Code	Description	Qty.	Pos.	Code	Description	Qty.	Pos.	Code	Description	Qty.
104	18032489	Cutter bar DM4 2 knives	1	119/A	18032402	Protection bar DM5	1	136	3020202	Self locking nut M12	2
104/A	18032490	Cutter bar DM4 3 knives	1	119/B	18031981	Protection bar DM6	1	137	18031986	Front handle	1
104/B	18032491	Cutter bar DM5 2 knives	1	120	18031999	Front protection DM4	1	138	9130014	Protection cover DM4	1
104/C	18032492	Cutter bar DM6 2 knives	1	120/A	18032403	Front protection DM5	1	138/A	9130011	Protection cover DM5	1
104/D	18032493	Cutter bar DM6 3 knives	1	120/B	18032405	Front protection DM6	1	138/B	9130015	Protection cover DM6	1
105	12240205	Sliding bearing	2	121	3020201	Self locking nut M10	13	139	18032428	Spacing	4
106				122	3030159	Washer M10	11	140	3011706	Screw godronata M 10x50	1
107	18032435	External skid	1	123	3080103	Spring pin 6x40	1	141	3020238	Nut M10	4
108	18032423	Rod	1	124	3080109	Spring pin 6x30	1	142	3030322	Washer M 16	4
109	3020201	Self locking nut 10 MA	4	125	3030166	Washer M10	2	143	18032476	Gear box	1
110	3030159	Washer M10		126	18031949	Stem	1	144	3011704	Screw godronata M10x30	2
111	3011206	Screw T.E. M10x30	4	127	3011691	Screw T.E. M10x85	3				
112	3011217	Screw T.E. M12x80	2	128	12660320	Rubber knob	1				
113	3030162	Washer M 12	8	129	3020209	Self locking nut M8	1				
114				130	3010105	Screw TTQST M10x25	8				
115	3011271	Screw T.E. M16x60	8	131	18031985	Back handle	1				
118	18032401	Back protection DM4	1	132	3011207	Screw T.E. M12x60	2				
118/A	18032404	Back protection DM5	1	133	3010128	Screw TTQST M10x35	2				
118/B	18031978	Back protection DM6	1	134	18031952	Linkage plate	1				
119	18031998	Protection bar DM4	1	135	11010515	Spring	1				

TABLE 6 COD. 19010492

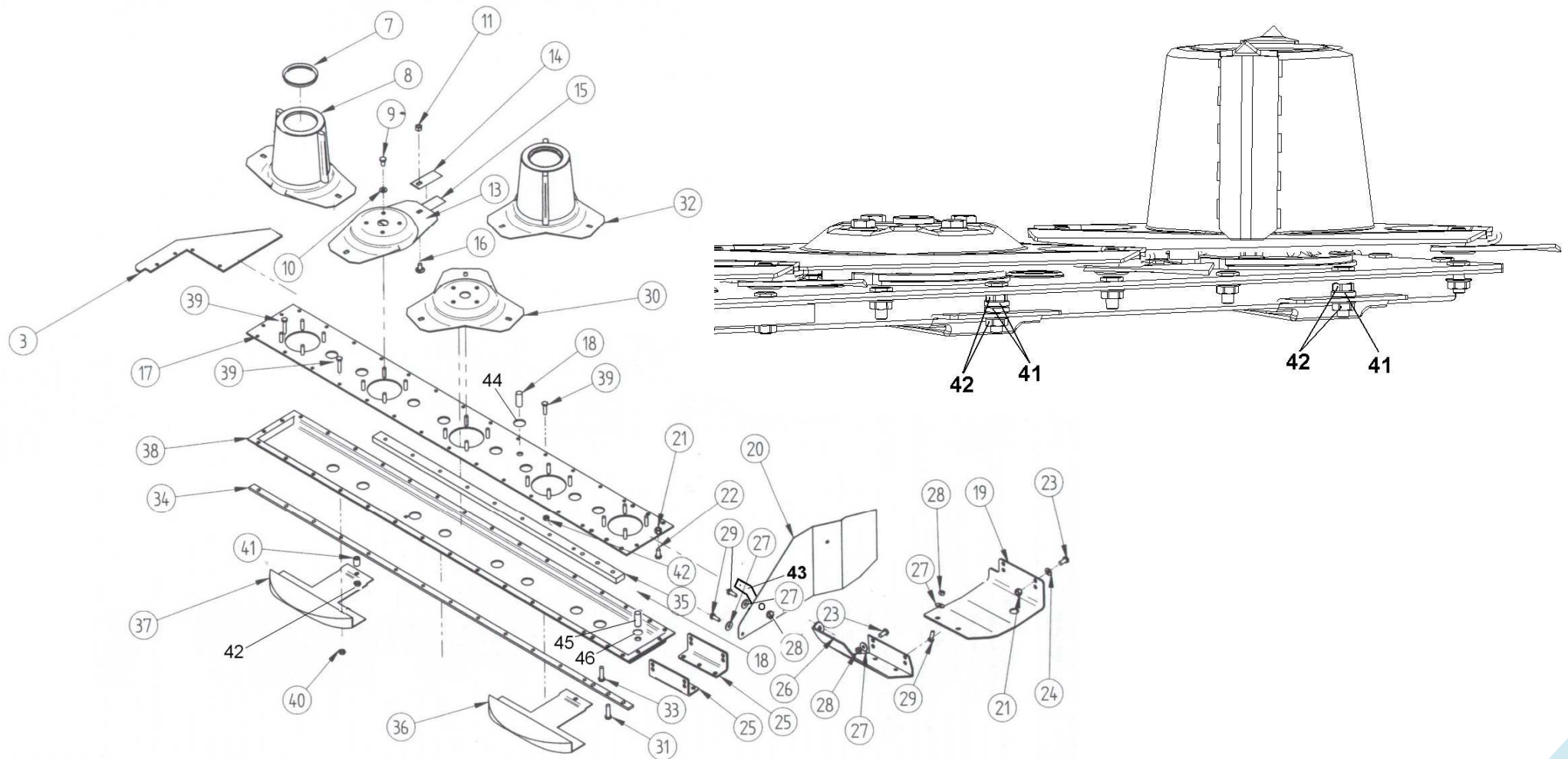




TABLE 6 COD.19010526

Pos.	Type	Code	Description	Pos.	Type	Code	Description	Pos.	Type	Code	Description
3		18032435	Deflector support	23		3011241	Screw T.E. M12x30	37	ALL	18032453	Central Skid
7		18032447	Cover	23/A		3011216	Screw T.E. M12x35	38	DM4	18032455	Rocker
8		18032449	Disc convey (2 blades)	24		3030162	Washer M12	38/A	DM5	18032456	Rocker
9		3011268	Screw M12x20	25		18032461	Reinforcement	38/B	DM6	18032457	Rocker
10		3030162	Washer M12	26		18031990	Box support				
11		3020233	Self locking nut M12	27		3030159	Washer M10				
13		18032450	Disc (2 blades)	28		3020201	Self locking nut M10	39		3011705	Special screw M10x40
14		12881271	Right blade	29		3010105	Screw TTQST M10x25	39/A		3011704	Special screw M10x30
15		12881270	Left blade	30		18032463	Disc (3 blades)	39/B		3011706	Special screw M10x50
16		12881272	Pin knife support	31		3011644	Screw M12x60	40		3020238	Nut M10
17	DM4	18032451	Cover	32		18032462	Disc convey (3 blades)	41		3020238	Nut M10
17/A	DM5	18032452	Cover	33		3010407	Screw M12x70	42		3020238	Nut M10
17/B	DM6	18032480	Cover	34	DM4	18032464	Front reinforcement	43	DM4/5/6	18032439	Cover support
				34/A	DM5	18032465	Front Reinforcement	44		3030403	Copper washer 3/8
				34/B	DM6	18032466	Front Reinforcement	45		4010832	Plug 3/8
18		4010832	Plug 3/8	35	DM4	18032467	Rear Reinforcement	46		10010704	Oring
19		18031987	Box support	35/A	DM5	18032468	Rear Reinforcement				
20		18031988	Internal deflector	35/B	DM6	18032469	Rear Reinforcement				
21		3020202	Self locking nut M12	36	DM4/6/8	18032454	Lateral Skid				
22		3011213	Screw T.E. M12x45	36A	DM5/7	18032441	Lateral Skid				

TAVOLA 7 COD. 19010527

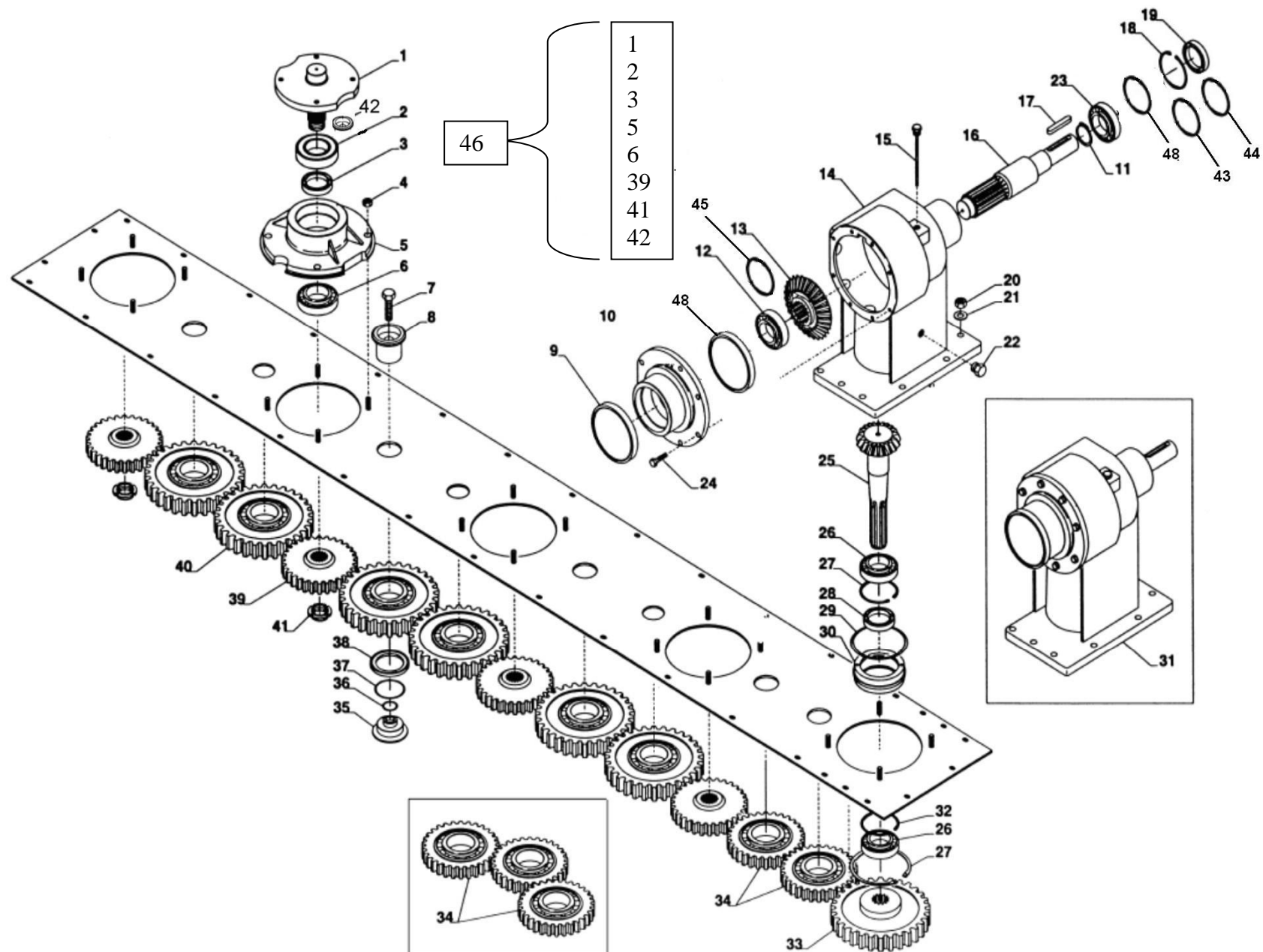




TABLE 7 COD. 19010527

Pos.	Code	Description	Pos.	Code	Description	Pos.	Code	Description
1	18032458	Disc support	17			33	18032473	Gear Z 40
2	12240231	Bearing 6207 2RS	18	3120149	Cir clip seeger 68 I	34	18032474	Gear Z 31
3	12260058	Oil seal 35x62x7	19	12260064	Oil seal 40x68x10	35	18032477	Bush
4	3020238	Nut M10	20	3020202	Self locking nut M12	36	10010601	Cir clip O-R 4087
5	18032459	Flange disc support	21	3030162	Washer M12	37	10010696	Cir clip O-R 3156
6	12240229	Bearing 6306	22	4010829	Plug	38	18032478	Lower cir clip
7	3011650	Screw 14x35x1.5	23	12240233	Bearing 32008	39	18032484	Gear Z 30
8	18032460	Bush	24	3011211	Screw M10x25	40	18032479	Gear Z 40
9	10010811	Plug	25	18032471	Pinion Z 16	41	3180013	Castle nut 25x1.5
10	18032481	Flange	26	12240232	Bearing 6208 C3	42	10011324	NILOS
11	3120102	Cir clip seeger 35	27	3120147	Cir clip seeger 80 I	43	12280008	Fifth wheel AS
12	12240230	Bearing 30207	28	12260065	Oil seal 40x80x10	44	12280009	Fifth wheel AS
13	18032482	Bevel gear Z 33	29	10010703	Cir clip O-R 199	45	12880010	Fifth wheel AS
14	18032483	Gearbox	30	18032475	Support	46	18032436	Transmission kit
15	4010828	Oil filling plug level	31	18032476	Complete gear box	48	18032472	Bearing
16	18032470	Shaft	32	3120148	Cir clip seeger 40 E			



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