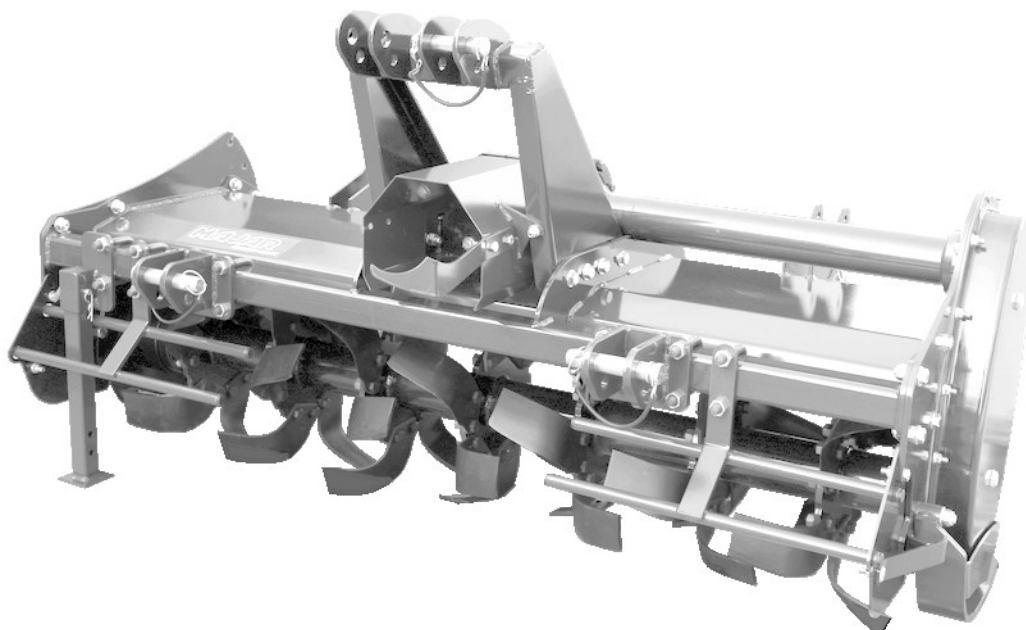


MAJAR

USER AND SERVICE INSTRUCTION MANUAL

SPARE PART LIST



01/2019

Professional Rotary Trimmer RTPM 125 – 150 – 175



Please read the following instructions carefully before operating the machine and refer to them as needed. If you do not understand a part of the user manual, please contact your MAJAR reseller or:

MAJAR S.A
1 Route de Montréal - CS30074
11890 CARCASSONNE Cedex 9
Phone 0033 / 4 68 25 38 16

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FOREWORD

Please read this user manual and the manual delivered with the cardan before operating your rotary trimmer, the information allow you ensure quality work in complete safety. If the manual is not clear enough, please contact our technical service.

The security depends on the use of the machine with the limitations explained in this manual.

You have to know and to follow the safety regulations of this manual and of the tractor manual.

The machine you bought was carefully designed and manufactured in order to give you complete satisfaction.

As any mechanical gear, it requires cleaning and maintenance. Lubricate as described. Follow the regulations and safety information given in this manual and on the security stickers of the rotary trimmer and the tractor.

For maintenance your MAJAR reseller has the competency and the original pieces to respond your needs.

Enter below model and serial number of your machine for reference.

MODEL :

SERIAL N°:

In line with the goals of continuous improvement MAJAR reserves the right to change the machines without changing the sold machines. The illustrations et characteristics of this manual may vary slightly on your due to production changes.

No part of this manual may be reproduced, copied or made public by whatever means without authorization of MAJAR.

Throughout the manual the terms “left” “right”, “front” “rear/back” are given referring to the driver’s position. The term IMPORTANT is used to indicate that a failure may cause damages for the machine. The terms WARNING and DANGER are used with safety alert symbols to indicate the degree of safety hazard.



This symbol means: attention, be careful, your safety is involved. It reminds the safety instructions or focuses your attention to dangerous practices which may cause injury or operational occurrence.



WARNING reminds the safety regulations: may cause injury if not observed



DANGER reminds the safety regulations: may cause irreparable, lasting injury or cause death if the good precautions are not taken

TECHNICAL DATA

Professional Rotary Trimmer 125 - 150 - 175

Reference	Recomm. Power CV	Working width cm	PTO speed Tr/min	Rotor speed Tr/min	Number of knives	Weight Kg
RTPM 125	40-80	125	540*	210	30	390**
RTPM 150	45-85	150	540*	210	36	420**
RTPM 175	55-90	175	540*	210	42	450**

Montage on rear linkage 3 points cat.1 and 2, adjustable and with offset. – Power grip *ASAE 1 3/8" - 6 grooves*

Airborne-noise and vibrations: the sound pressure level on the driver position is inferior to 70dB(A). The vibrations transmitted to the driver of the tractor are insignificant.

* Rotation direction of joint shaft of the tractor: clockwise when standing in front of tractor output shaft

** The mentioned weights do not include possible options that can be mounted on the machine

INSPECTION CHECKLIST

The assembly, installation and commissioning of the machine is the MAJAR reseller's responsibility. Please read carefully the use and care manual and the safety regulations. Make sure that the indicated points of the checklist had been verified before delivery and on delivery and amended if necessary before delivering the machine to the owner.

INSPECTIONS BEFORE DELIVERY

- Check that all the safety screens, grids and safety measures are in place and in good condition
- Check that all screws and bolts are tightened to the right torque value (see table)
- Make sure that the safety stickers are in place and in good condition
- Check the other lubrication points, apply new grease if necessary
- Check the oil level in the angular gearbox and lateral transmission
- Check that the machine is operating correctly
- Check transmission status.

VERIFICATIONS AT DELIVERY

- Show the client how to mount the machine and how to realize the tool adjustments
- Explain the importance of lubrication and show him the lubrication points
- Show him les safety devices, safety measures and options
- Present the use and instruction manual to the client as well as the specific cardan manual, ask to read it.
- Explain to the client to use the adequate signage when driving on the road.

SAFETY REGULATIONS



WARNING

Some illustrations may show the machine without protective screen or shield. Never use the machine without these devices

- *Learn how to stop the machine in emergency situation. Read this manual and the tractor manual
 - *Never let anyone else use this machine if the person did not read and understand this manual
 - * Never let children use this machine
 - * Always wear protective equipment for head, ears, hands and feet using this machine.
 - * Always wear close-fitting clothing to avoid to be snatched by the moving parts or to hang on.
 - * Clean the worksite from branches, stones or debris which may be projected and cause injury or damage.
 - * Always work on daylight or with good artificial light
 - *Make sure that the safety stickers are in place and in good condition
 - *Clean the grass and debris accumulations
 - *Make sure that the machine is in good working condition before using it.
 - *Make sure that all the safety screens, grids and safety measures are in place and in good condition
 - *Do not use the machine in areas where you cannot keep safety distance from the persons or animals to avoid projection injury
 - *If the tractor has a ROPS Roll Over Protective Structure, fasten your seat belt
- Make sure that nobody or anything is behind you while backing off.
- * Do not start or stop the engine abruptly on slopes

- *Do not use the machine on too big slopes.
- * Reduce speed on slopes to avoid a loss of control.
- * Be careful while driving along embankments or ditches
- *Pay attention to the holes or other area accidents on undulating terrains.
- * Disengage the power grip, stop the motor, apply the handbrake and remove the key before all settings, adjustments, maintenance or disassembly
- *Never let anyone else to the driver's cab during adjustment interventions, maintenance or disassembly of the machine.
- * Check periodically tightening torques of all fasteners
- *While maneuvering on slope always work up and down, never across the slope.
- *Place the wheels according to the setting to increase stability of the tractor.
- * Avoid unstable embankments, rocks and holes; this can be dangerous when moving
- *Avoid aerial cables, high-voltage lines and obstacles. Contact with power lines causes electrocution and death.
- *Activate all the safety equipment
- *Only operate the control panel when you are correctly seated in front
- *Check visually hydraulic leaks and missing or faulty parts. Repair when necessary before every manoeuvre
- *Check with the competent authorities that the linkage complies with the national legislation when driving on roads.

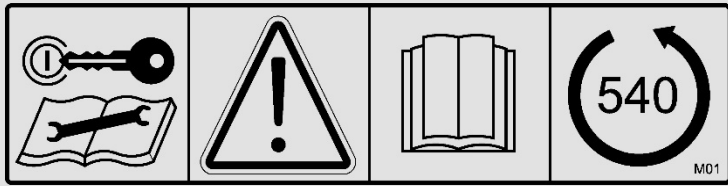
SAFETY STICKERS

WARNING

It is strictly forbidden to remove the safety stickers and symbols specifying danger. Missing or damaged stickers must be replaced immediately. Contact your MAJAR reseller.

The information illustrated by these symbols must be necessarily respected. The noncompliance with these rules may cause death or serious injuries.

1



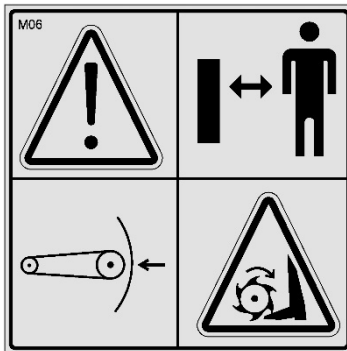
ATTENTION

Stop the tractor and remove the key before adjustment or maintenance operation

Read carefully the manual before operating the machine.

Check the power grip speed and direction of rotation before setting up the drive shaft.

2



ATTENTION

Move away from the machine.

Transmission, moving parts, do not remove the guard.

Moving parts, risk of hand injuries, risk of foot injuries

3



ATTENTION

Move away from the machine.

Danger of thrown objects.

Moving parts, risk of hand

injuries, risk of hand injuries.

4



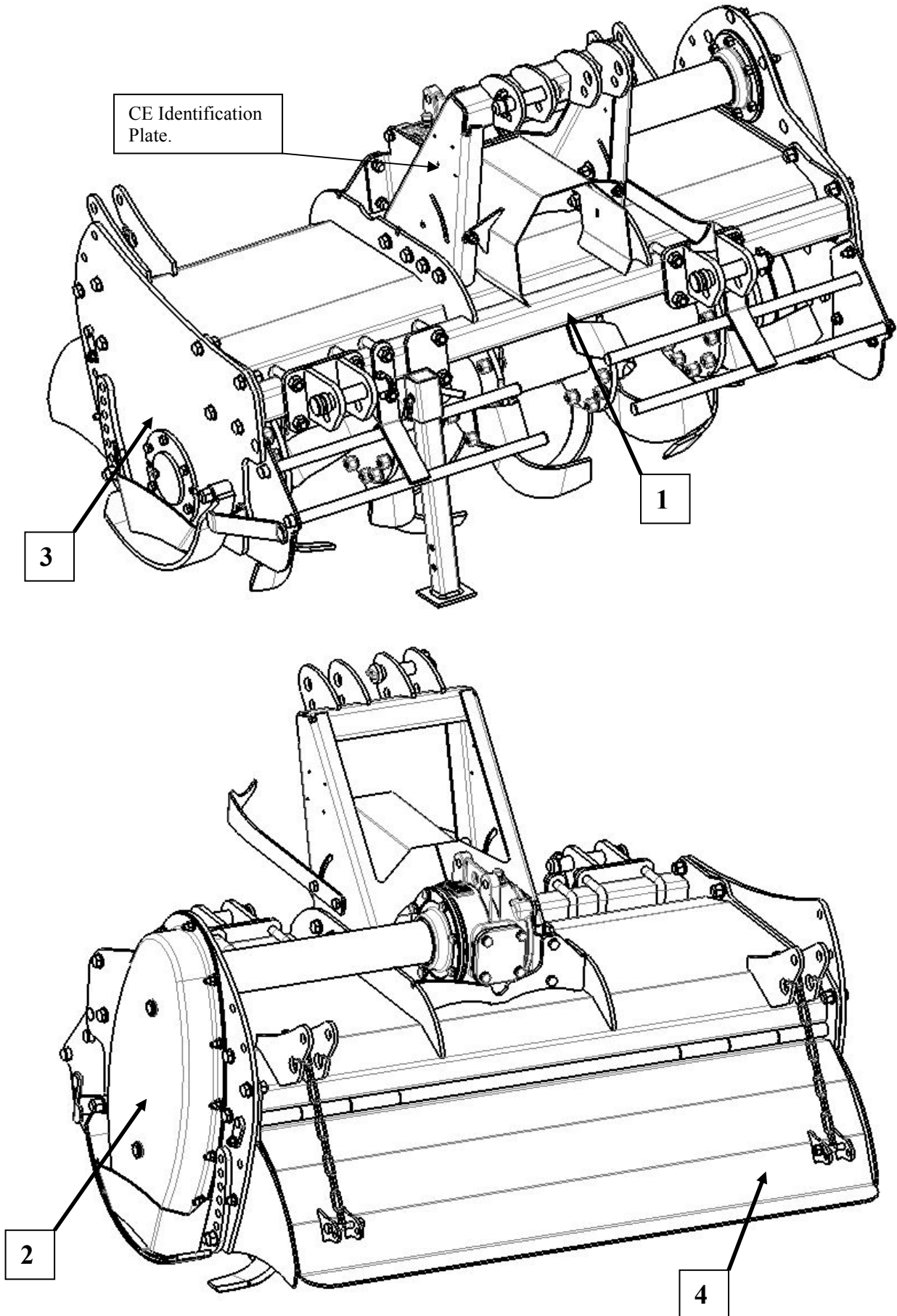
ATTENTION

Move away from the machine.

Danger of ejected objects.

Keep all safety devices in place during operation.

EMPLACEMENT OF THE SAFETY STICKERS AND THE IDENTIFICATION PLATE

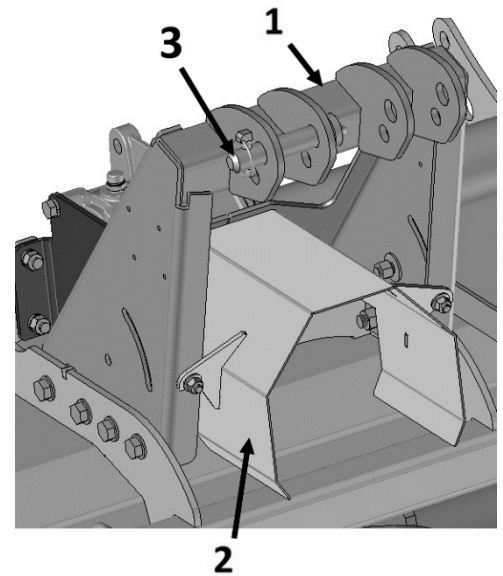


MONTAGE OF ROTARY TRIMMER

MONTAGE AFTER RECEPTION

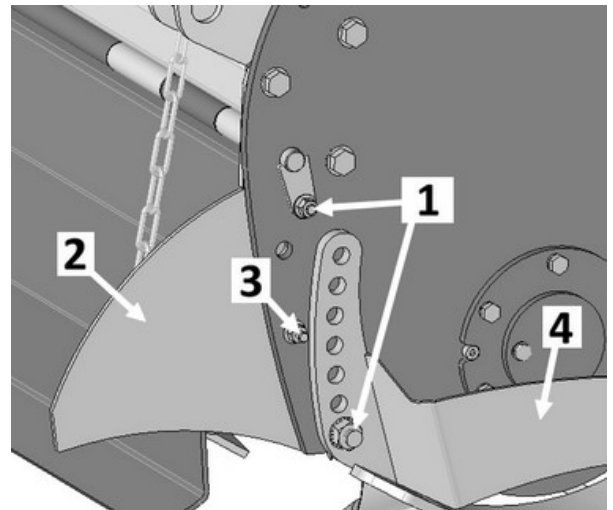
Guidance rod and cardan protection:

- 1) Place the guidance rod (1) using 8 screws M14x40, 8 flat washers MN14, 8 washers W and 8 nuts M14.
- 2) Place the protective covering of the cardan (2) on the guidance rod using 2 screws M10x25 square neck and 2 nuts M10.
- 3) Insert the upper axle (3) and lock with pin.
- 4) Tighten bolts.



Rear deflectors:

- 1) First remove the nuts and screws (1).
- 2) Mount the rear deflector (2) with the screws previously removed (1), add one screw square neck 10x35 and a nut M10 (3).
- 3) Place the skid (4) at the desired height before putting back the contact disc and nut.
- 4) Tighten bolts.
- 5) Repeat the same operation on the left side of the machine.



*To adjust skid height, see paragraph « adjustment of the working depth » p. 12.

Cardan transmission:

- 1) Do not place the transmission before having completed the operations as described in « COUPLING OF THE MACHINE » and « CARDAN SHAFT SETTING UP MISE »**

To facilitate the assembly on the drive shaft, release the 2 nuts and remove the protective covering pulling upwards.

- 2) Friction clutch, before the first use:**

- Release the nuts to relieve the springs and free the friction discs.
- Turn the hub a few revolutions to detach the discs.
- Tighten the nuts until the spring length of 28mm.

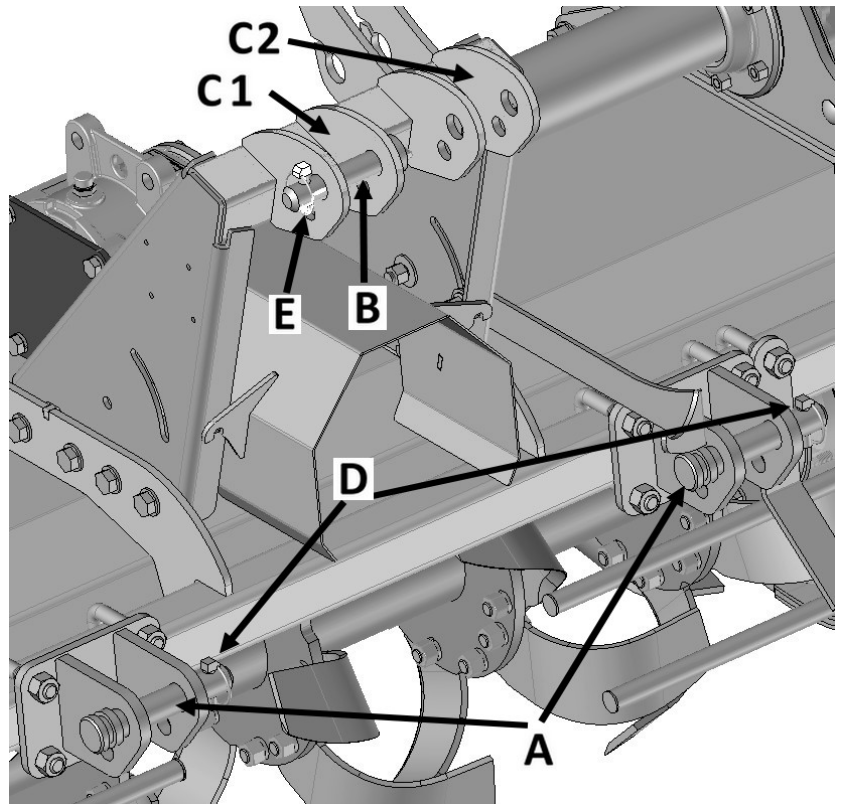
Never tighten the springs completely to avoid damage on the drive components.

INSTALLATION AND COMMISSIONING

The installation and commissioning of the tool are the responsibility of the MAJAR reseller. The rotary slasher must be delivered fully mounted, lubricated and adjusted to the normal operating conditions.

! **DANGER** Make sure that the characteristics of the tractor are adapted for the machine, particularly the power, lift capacity, linkage type, speed and rotation direction of the power grip. Please read this notice, the cardan manual the tractor notice completely prior to use.

! **WARNING** Always wear safety footwear, protection equipment for eyes, ears and hands when climbing onto the machine. Do not allow anyone to sit on the driving position when mounting the machine



COUPLING OF THE MACHINE

- Remove the axles A and B.
- Move back the tractor until the lower arms are at a few cm of each side of the linkage axles. (Adjust the position of coupling, of chock support and of des barres de protection si nécessaire).
- Stop the engine, shift the transmission to neutral, apply the handbrake and remove the key.
- Couple the lower arms with axle A.
- Secure the axles with pins « D ». Adjust the arm tensioners of the tractor so that the transversal offset is about 4 cm.
- Couple the 3° point linkage securing with pin E. **Adjust the rod length of 3° point so that the upper part of the chassis is parallel with the ground:** output shaft on tractor side must be parallel with entrance on machine side
- Place the cardan transmission (see next chapter)
- Lift the machine
- Mount the chock and secure with pin

• CARDAN SHAFT SETTING UP



DANGER More detailed information in the specific manual of the cardan which is an initial part of the safety documentation to read carefully. In the event of a discrepancy with the following, follow the instructions given in the specific manual of the du cardan. The cardan must have CE marking.



WARNING The safety devices (Freewheel, friction torque clutch ...) must be imperatively placed nearby the machine.

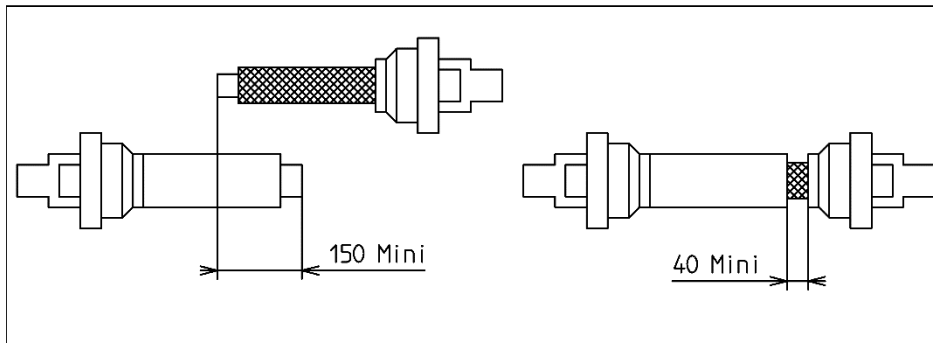
Adjust the length of the transmission :

Make sure that the transmission is in the shortest linkage position and the remaining travel must be about 4 cm. Cut the drive shaft if necessary, cut the protectors about 0.5 cm to facilitate the assembly.

Cardan disassembled and fully input, determine the length « L0 » of the tubes. With the machine on the tractor, make sure that the transmission is at the longest linkage position, the remaining travel must be 15 cm and at least half of « L0 » in this position.

Lubricate the tube sliding before assembly.

These operations are normally detailed in the specific cardan manual.

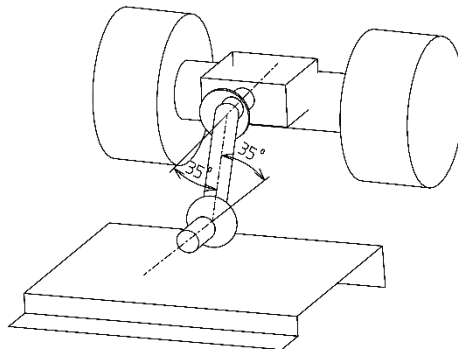


Setting up the transmission :

Connect the transmission to tracteur, check the locking device is locked in the shaft. Connect in the same way the tractor and check that both ends of the cardan are locked. Attach the protectors of the transmission on the tractor and tool so that they will not turn with the transmission.



Check that no parts of the rotary trimmer or the tractor get in contact with the transmission when lifting the machine. Check that you do not reach the maximum angle of the transmission



NEVER EXCEED THE MAXIMUM ANGLE OF THE TRANSMISSION

ADJUSTMENT AND USE



Check the tightening of the bolts (see table tightening torque at the end of the manual. Check the presence and fixation of safety equipment (carter, bol ...).

The safety is a challenge that concerns the most while designing and manufacturing this tool. However, the efforts of the constructor may be shattered due to user carelessness. The accident prevention depends on prudence and training of staff in charge of using and maintenance of the machine. The best safety device is a careful and informed user; we ask you to be this user.

The user of this machine is responsible for the use and safety. The user has to be qualified and trained to the machine and he also has to know the tractor. Read all the safety instructions.



WARNING

Never use the machine without having done the operations described in chapter « daily maintenance ».

This machine is designed to cut lawn. It is not designed to be hitched to inappropriate power and weight engines, to work on excessively pebbly ground, to cut hard objects, stones, garbage. It should not be used to transport persons or material.



DANGER

The following operations must be only and exclusively done when the engine switched off, handbrake applied. If necessary lift the machine, place the supports to prevent from falling or failure of the lifting of the tractor.

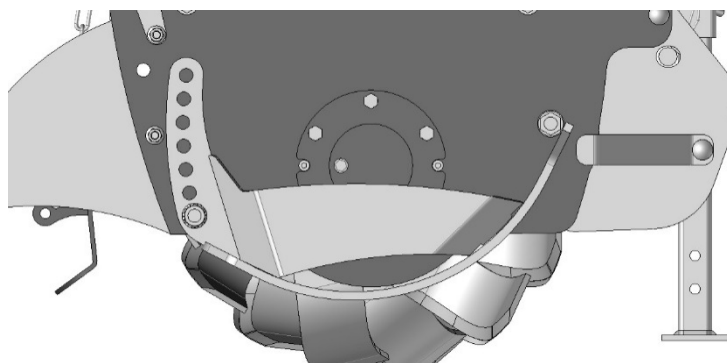
• ADJUSTMENT OF WORKING DEPTH

The cutting height must be adjusted depending on the desired result. A good setting means power and fuel saving and reduces machine wear.

Using the machine on very humid or very dry soil needs more power and increases wear of the machine.

To increase or reduce the working depth, lift or lower the lateral skids (7 positions possible).

Tighten the nuts and check that the other skid is in the same position.



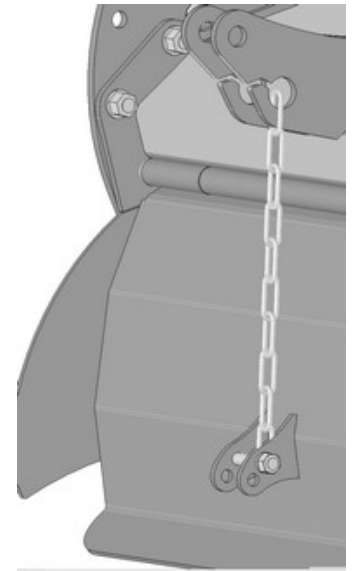
• COVER ADJUSTMENT

For a thick ploughing, lift moderately the cover.
For a thin ploughing, lower the cover.
Adapte the speed to suit your ploughing choice.

Place the corresponding link of the chain to the chosen height in the upper hook.
To adjust exactly , move the lower bolt.

WARNING

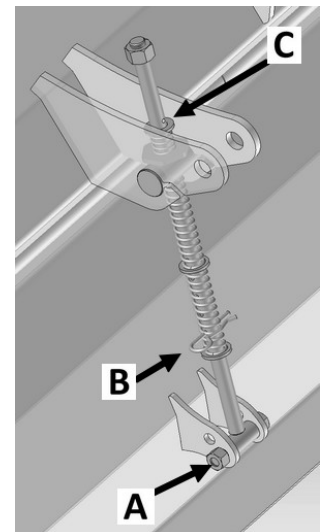
To avoid any risk of projection and accidents, the hood must imperatively stay down at the lowest position.



OPTION TRAILING BOARD SPRING

For a better support and optimal rendering, the option trailing board spring is available.

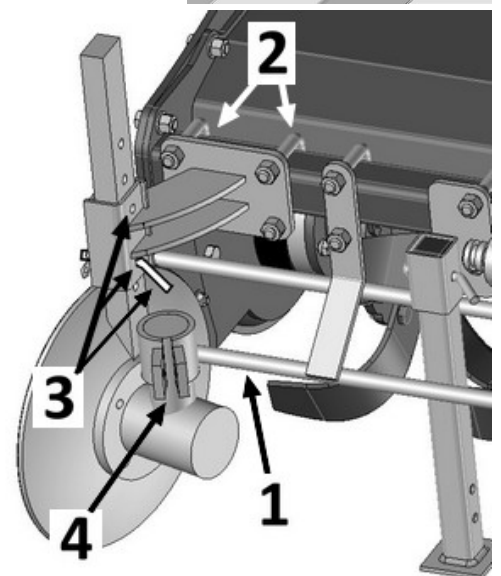
- The bolt (A) must be imperatively mounted on the exterior hole
- Adjust the pin positioning (B) (5 positions) depending on the desired working depth and pressure. (higher position of the pin = more applied force)
- To hold the hood open, place the pin in the hole (C).



OPTION CONVEYING DISCS

This option avoids widrows between two passages and facilitates the work if there are debris.

- Move the protective guard bar (1) inwards if necessary cut the inferior tube to give space for the discs on the exterior part of the Rotary Trimmer.
- Position the discs on the chassis with the flanges M16 (2).
- Adjustements :
 - Lateral : adjust the support (2).
 - Vertical : insert the disc arms using one of the holes of the support (3)
 - Opening : unlock the clamp (4) to adjust the orientation of the disc.



USE

! **WARNING** Always wear close-fitting clothing to avoid to be snatched by the moving parts. Use safety footwear and protective equipment for eyes, ears and protection from the dust.

Do not start the machine when lifted. Lower on the ground and lift a few centimeters before connecting power grip with the motor idling. Lower the machine in work position. Increase the engine speed until the nominal speed indicated on the dashboard of the tractor.

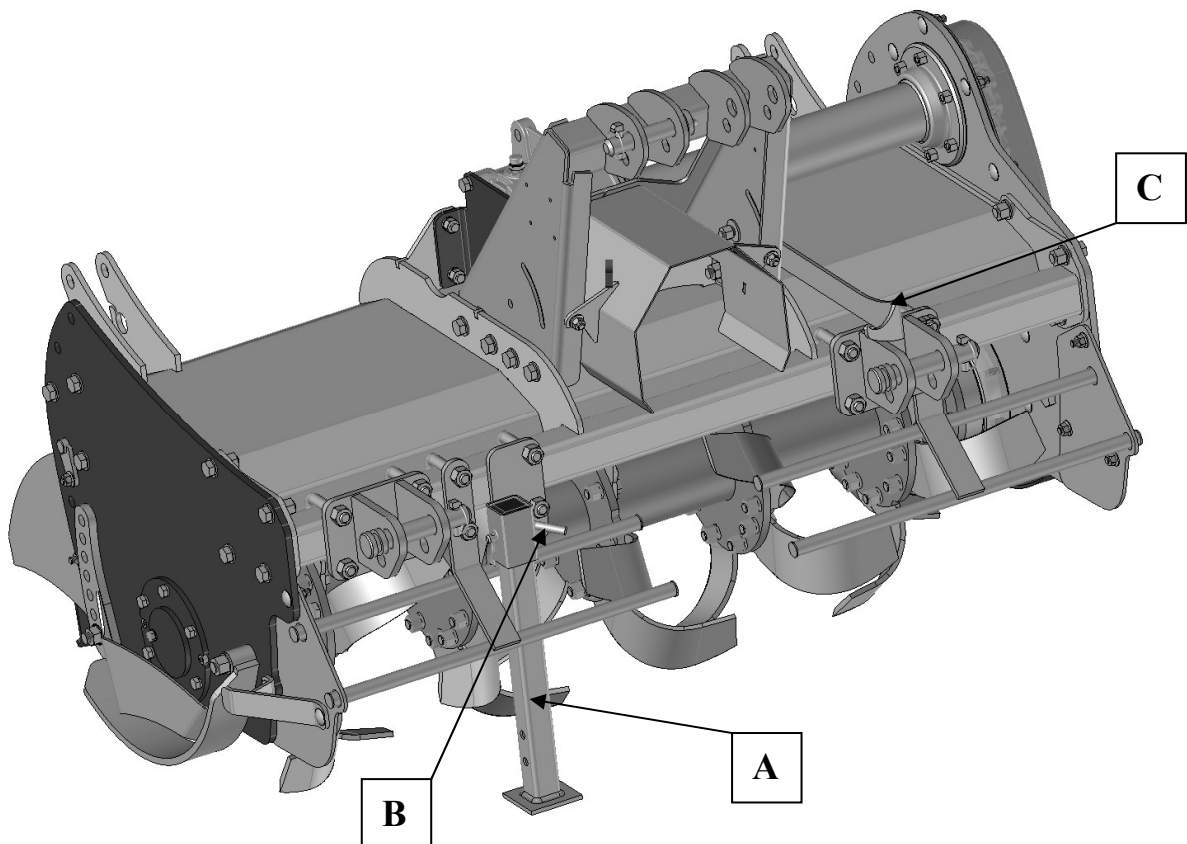
• Speed

The recommended working speed is between 1 and 5 km/h. It depends on the height and the nature of the cutted grass.

• UNCOUPLING – STORAGE

! **WARNING** The machine must be stored in an area sheltered from bad weather on a firm and level ground. Do not put the output shaft of the rotary trimmer on the floor.

- Take the machine to the storage place.
- Place crutch (A) in the lowest position and secure with a pin (B).
- Put the machine down lowering the tractor lifting.
- Stop the tractor engine and tighten the hand brakedéas.
- Disconnect the drive shaft of the tractor, the inferior arms and the upper 3 point.
- Place the drive shaft on the lateral support (C).



MAINTENANCE BY USER

⚠ DANGER Prior to maintenance or repair work on the machine, stop the engine, apply the handbrake and remove the key. Never let anyone else to the driver's cab. If lifting the machine is necessary, place the supports to prevent falls or failure of the lifting system.

DAILY MAINTENANCE BEFORE STARTING WORK

- Check the the bars, the hood, the deflectors and their fixation and the cover of the transmission and the angular gearbox.
- Clean entirely the machine from debris or dirt accumulations which qui reduce performance and can mask failure or leakage.
- Check the presence, fixation and degree of wear of the knives. They should never be twisted, damaged or worn.

⚠ WARNING All knives should be fitted and in good conditions to avoid imbalance on the rotor which could cause vibrations and rapid deterioration of the device. Damaged or twisted knives reduce performances, need more power and can worsen the transmission system and the chassis.

INITIAL USE

- After 2 hours of use, control tightening of all fasteners.
See table Tightening torque

EVERY 40 HOURS WORKED

- Control tightening of all fasteners
 - Grease the crosspieces and cardan shaft (see notice of cardan).



Clean the grease gun and use the grease pump. Do not leave excess grease on the pieces

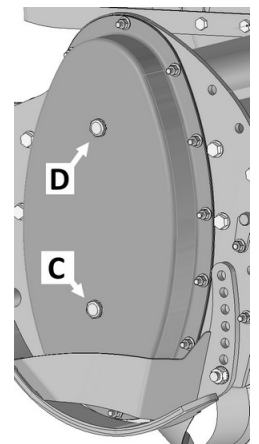
EVERY 100 HOURS WORKED

- **Check the oil level of the angular gearbox:**
Unscrew the breather plug (B), check that the oil level is between marks (F) of the breather tube. If necessary, fill up oil using 80W90.
- **Check the oil level of the rotor bearing.**
Unscrew the plug (A), l'huile doit être au niveau du bouchon, si besoin est, rajoutez-en. Utilisez de l'huile 80W90.



The first draining must be done after 50 hours. The next one every 500 hours. Never fill up completely the gearbox.

Check the oil level on lateral transmission: check that the oil level is on the plug (C), if necessary fill up through plug (D). Use oil 80W90.



EVERY 500 HEURES WORKED

- Drain the gearbox and lateral transmission.
- Check lateral transmission.

REPLACEMENT OF KNIVES



WARNING

The blades are sharp and may cause injury, always wear gloves when handling them, be careful not to cut yourself.

Couple the machine to the tractor, set down on the ground on chocks so that the blades turn free. Stop the engine, apply the handbrake and remove the key.



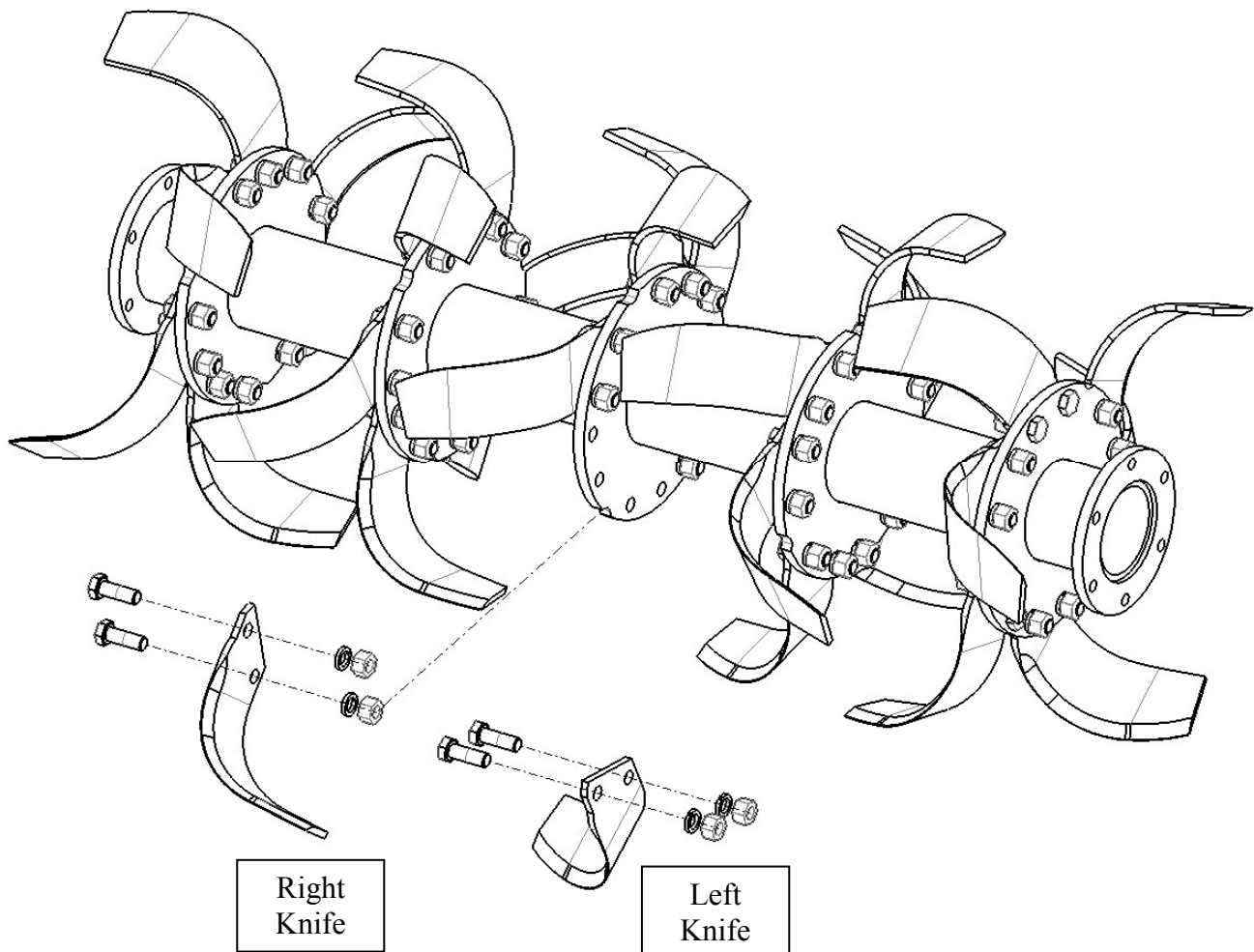
DANGER

When you replace the blades, you are required to change the locknuts. Contact your MAJAR reseller to obtain original spare parts. Do not replace by other spare parts with different characteristics.

Mount the knives on one disc after the other. Keep the other part mounted, use this as model to mount the new knives in the right position. On each disc you have 3 RIGHT knives and 3 LEFT knives.

Ensure that the following is respected: the helical montage, orientation of the cutting edge, the montage of the screws: head on the knife side and washer and nuts on the disc side.

Screw tight the bolts and check the tightening torque again after 2 hours of use (see table «tightening torque»).



MALFUNCTION AND REMEDY

PROBLEME	CAUSE	REMEDE
Transmission system is noisy	The rotor bearings are worn or damaged	Have the machine controlled by reseller and replace bearings
	The sprockets and bearings of the gearbox are worn	Have the machine controlled by reseller, bend the belts or change
	The chain or tensioner are damaged or wrong chain tension.	Have the machine controlled by reseller , bend the belts or change, check the chain, the tensioner and the ressort, change pieces if necessary
	There is not enough oil in the gearbox	Refill the gearbox as mentionend in the manual
The machine vibrates	The rotor is unbalanced	Check and change damaged knives
	Damaged bearings	Have the machine controlled by reseller
	Wrong rotation speed	Check speed and rotation direction of the power grip
	Damaged cardan shaft	Have the machine controlled by reseller
	Bolt fastening loosened	Retighten bolts
	Working depth too importante	Reduce working depth
	Too high driving speed	Reduce speed
The ground is too hard	The machine is not suited for this job	
La terre est mal labourée	Too high driving speed	Reduce speed.
	Wrong working depth.	Adjust working depth
	Knives worn or damaged	Check and change damaged knives
	Wrong cover position	Ajust the cover position
	Compacted soil	The machine is not suited for this job
Soil too wet	Work when soil is dry	

TIGHTENING TORQUE

Screw diameter (mm)	Wrench size (mm)	Torque setitng (daN.m)
8	13	2
10	16/17	5
12	18/19	8.5
14	21/22	13
16	24	21.5
20	30	43.5

DECLARATION C.E. DE CONFORMITE

The letters **CE** on the identification plate of this machine certify that it is conforming to EC machine directive 2006/42/CE.

MAJAR SA.	
11850 CARCASSONNE TEL: 04 68 25 38 16	
TYPE :	<input type="text"/>
N°de SERIE:	<input type="text"/>
Année de construction	<input type="text"/>
CE	

The Director,
Jean-Luc Checa

GUARANTEE

Each new manufactured by MAJAR SA is guaranteed as follows below, warranted against defects of construction and assembly and/or of the materials when used appropriately during 1 year.

1° This guarantee is limited to 1 year to the replacement of pieces mounted and recognized as faulty by MAJAR.

2° All pieces requested on guarantee must be returned to MAJAR for inspection, reparation or replacement prepaid postage with proof of purchase of the machine, serial number and carefully packed for protection.

3° The machine must not be damaged, repaired or maintained without authorization from MAJAR. The machine must not have had an accident, been misused, abused or used acting not conform instructions and specifications contained in this manual

This guarantee does not oblige MAJAR or representative to reimburse labor costs or transport costs of the machine for reparation.

NO GUARANTEE WILL BE APPLIED TO THIS EXCEPT THE LEGAL WARRANTY FOR HIDDEN DEFECT.

MAJAR CANNOT BE HELD RESPONSIBLE FOR DAMAGES OR COSTS INCURRED BY THE MACHINE FOR PAR EXAMPLE:

- 1 RENTAL FEES FOR MATERIAL
- 2 LOST OF SALE
- 3 EXECUTION OF WORK CARRIED OUT NORMALLY BY THE MACHINE

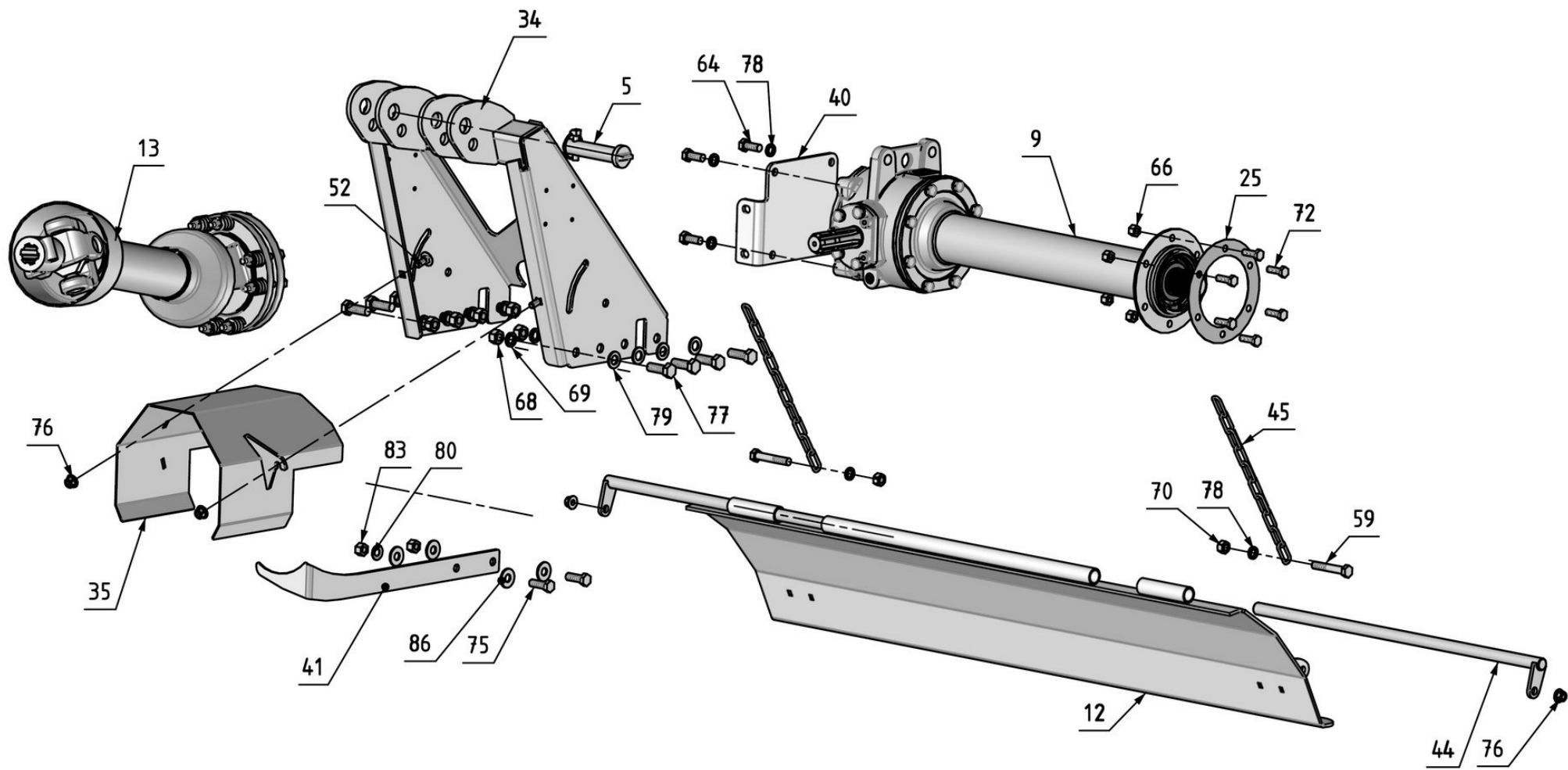
MAJAR ASSUMES NO OBLIGATION AND DOES NOT ALLOW ANYBODY TO ASSUME ANY OTHER OBLIGATION THAN THEM IN THE 3 PREVIOUS PARAGRAPHS.

To obtain the name of resseller, contact:

MAJAR S.A
1 Route de Montréal
CS30074
11890 CARCASSONNE Cedex 9
FRANCE

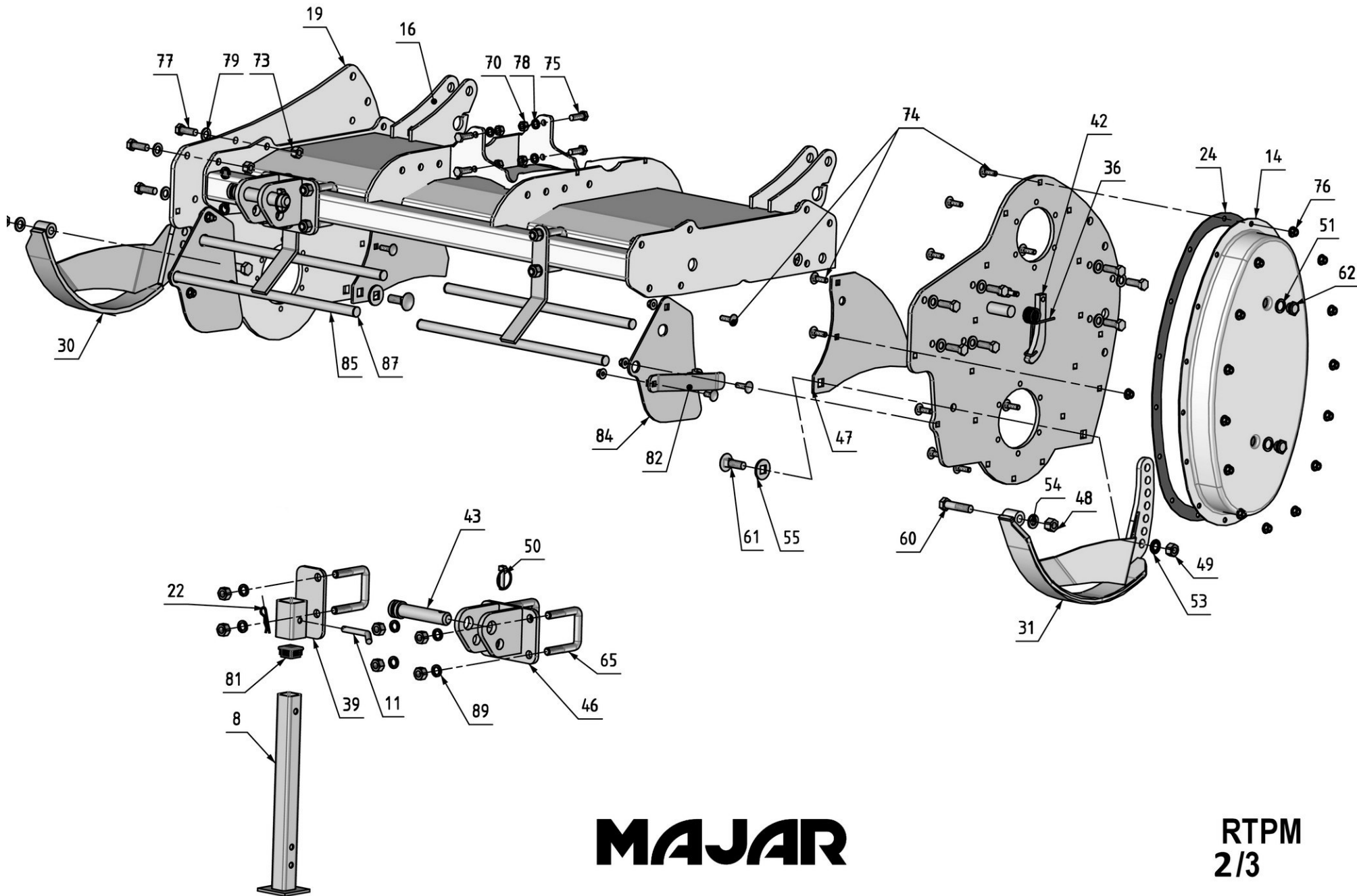
SPARE PART LIST

According to Article L.111-3 of the Consumer Code and of the Decree implementing the Code N°2014-1482 of 9th of December 2014, the availability duration of indispensable spare parts for use of MAJAR material is **7 years**.



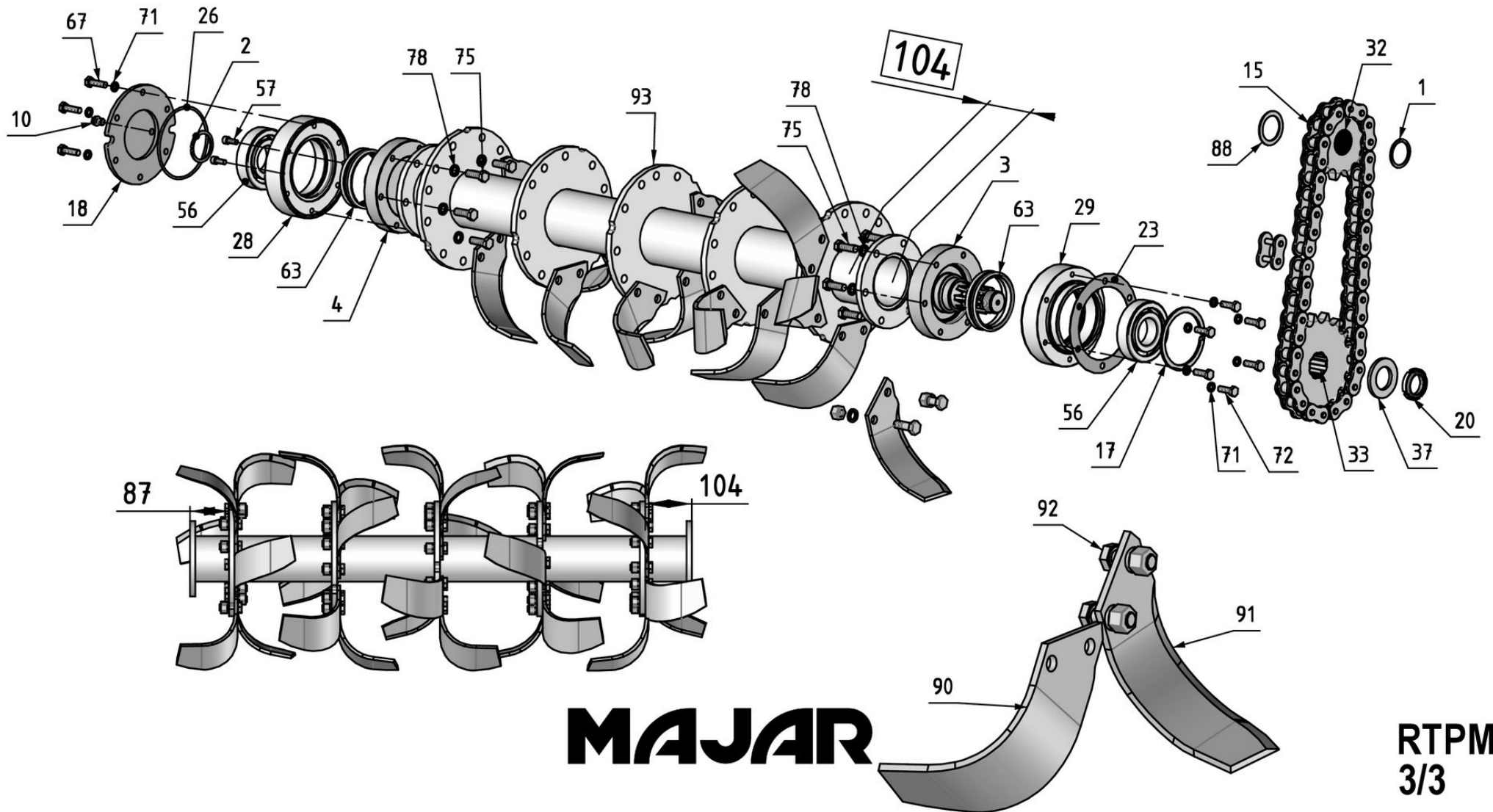
MAJAR

**RTPM
1/3**



MAJAR

**RTPM
2/3**



		RTPM	125	150	175
Nb	Reference	Designation	Nb	Nb	Nb
1	082814	SHAFT CIRCLIP Ø45	1	1	1
1	082815	SHAFT CIRCLIP Ø50	1	1	1
1	186639	SPLINED SHAFT	1	1	1
1	186643	SMOOTH SHAFT	1	1	1
1	082631	SUPERIOR AXLE CAT.2 Ø25	1	1	1
1	081942	CRUTCH	1	1	1
9	082822P	GEARBOX RF40 1.83 L600	1		
	082823P	GEARBOX RF40 1.83 L700		1	
	082824P	GEARBOX RF40 1.83 L800			1
10	082818	PLUGG + SEAL M12 X 1.5	1	1	1
11	083063	CRUTCH PIN	1	1	1
12	582653	HOOD RTPM125	1		
	582652	HOOD RTPM150		1	
	582649	HOOD RTPM175			1
13	082825	TRANS 75CV + FRICTION	1	1	1
14	186518	CHAIN GUARD	1	1	1
15	082821	CHAIN 39 LINKS+FASTENER	1	1	1
16	582641	CHASSIS RTPM125	1		
	582640	CHASSIS RTPM150		1	
	582639	CHASSIS RTPM175			1
17	082819	CIRCLIP Ø110	1	1	1
18	582638	COVER	1	1	1
19	186676	RIGHT FLANK	1	1	1
20	9900240	LOCKNUT M40 x 1.5	1	1	1
21	582642	LEFT FLANK	1	1	1
22	953003	GOUPILLE BETA Ø 3	1	1	1
23	186521	LOW SEAL	1	1	1
24	186519	SEAL HOUSING	1	1	1
25	186520	HIGH SEAL	1	1	1
26	082817	O-RING SEAL Ø120 X 4	1	1	1
28	186644	RIGHT BEARING	1	1	1
29	186642	LEFT BEARING	1	1	1
30	582650	RIGHT SKID	1	1	1
31	582651	LEFT SKID	1	1	1
32	186641	PIGNON 12D	1	1	1
33	186640	PIGNON 17D	1	1	1
34	582647	COUPLING	1	1	1
35	582648	CARDAN PROTECTION	1	1	1
36	186517	RESSORT RTPM	1	1	1
37	9908040	WASHER MN Ø39	1	1	1
39	582644	CRUTCH SUPPORT	1	1	1
40	186646	GEARBOX SUPPORT	1	1	1
41	186645	CARDAN SUPPORT	1	1	1
42	185795	CHAIN TENSIONER	1	1	1
43	082715	INF. AXLE CAT.2 Ø28	2	2	2
44	582654	HOOD AXLE	2	2	2
45	082826	CHAIN 10 LINKS	2	2	2

		RTPM	125	150	175
Rep,	Reference	Designation	Nb	Nb	Nb
46	582643	PIN COUPLING	2	2	2
47	186648	REAR DEFLECTOR	2	2	2
48	9900546	LOCKNUT H M16	2	2	2
49	9900218	NUT H M16	2	2	2
50	075568	RING PIN Ø10	2	2	2
51	082675	FLAT SEAL Ø21	2	2	2
52	9960703	SCREW CC Ø10x25	2	2	2
53	9908052	CONTACT WASHER 016	2	2	2
54	9908016	WASHER MN 0 16	2	2	2
55	186647	WASHER Q18	2	2	2
56	082820	BEARING 6310 50X110X27	2	2	2
57	9960507	SCREW CHC M8 X 20	2	2	2
59	9961912	SCREW H 12X70/30	2	2	2
60	9961957	SCREW H 16X70/38	2	2	2
61	9960709	SCREW CC Ø16x50/32	2	2	2
62	082665	LEVEL SIGHT	2	2	2
63	082816	SEAL	2	2	2
64	9962017	SCREW H 12X30/30 CL.8.8	4	4	4
65	082641	FLANGE M16 + 2 ECROUS	7	7	7
66	9900504	LOCKNUT M10	28	28	28
67	9962004	SCREW H 10X35/35	6	6	6
68	9900216	NUT H M14	8	8	8
69	9908072	WASHER W 14	8	8	8
70	9900215	NUT H M12	10	10	10
71	9908074	WASHER W 10	12	12	12
72	9962012	SCREW H 10X30/30	12	12	12
73	9900544	LOCKNUT H M14	14	14	14
74	9960700	SCREW CC 10x35	18	18	18
75	9962080	SCREW H 12X35/35	20	20	20
77	9962077	SCREW H 14X40/40	22	22	22
78	9908069	WASHER W 12	26	26	26
79	9908014	WASHER MN 0 14	36	36	36
80	9908013	WASHER	1	1	1
81	082471	PLUG 40X40	1	1	1
82	582646	LATERAL DEFLECTOR	2	2	2
83	9900542	LOCKNUT HM12	2	2	2
84	186650	DEFLECTOR	2	2	2
85	582645	PROTECTION	2	2	2
86	9908023	WASHER L 12 - Ø12x32x2.5	4	4	4
87	082474	PLUG Ø 20	8	8	8
88	186649	WASHER 45 x 2	1	1	1
89	9908068	WASHER W 16	14	14	14
90	082828	RIGHT KNIFE	15	18	21
91	082829	LEFT KNIFE	15	18	21
92	9962227	NUT M14 X 1.5 L=40	60	72	84
93	582637	ROTOR RTPM125	1		
	582636	ROTOR RTPM150		1	
	582635	ROTOR RTPM175			1

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