



ovlac



OPERATING INSTRUCTIONS AND SPARE PARTS



REVIEW 2015-12

SB-SH

OBSERVATIONS

This handbook describes the use, maintenance instructions and spare parts supplied for the indicated plough.

The farming implement known as “plough” is designed to work the soil, linked to a tractor with lift and universal 3-point coupling.

Regular and satisfactory operation together with economic and long lasting use of the implement depends on compliance with the instructions given in this handbook. It is, therefore, advisable to strictly comply with the following instructions in order to prevent faults which could jeopardise the correct and long-lasting operation of the implement.

Compliance with the instructions in this handbook is also important **since the Manufacturer declines all and every responsibility caused by negligence and failure to comply with these instructions.**

The Manufacturer shall, however, remain at the customer's disposal for immediate and thorough assistance together with anything else that may be required in order to ensure the correct operation and maximum efficiency of the implement. The Manufacturer reserves the right to make any modifications and improvements to the implement, as may be considered opportune, without being obliged to immediately inform the user.

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1. SAFETY PROVISIONS

- 1.-** Comply with the instructions given by the danger signals exposed in this handbook (Fig.1) and affixed to the plough itself.
- 2.-** Operations and adjustments to the implement must always be carried out when the engine is off and the tractor braked.
- 3.-** It is absolutely forbidden to carry passengers or animals on the plough.
- 4.-** It is absolutely forbidden for persons without a driving license, inexpert persons or those in precarious health conditions to drive the tractor with the plough mounted.
- 5.-** Strictly comply with all the recommended accident preventing measures described in this handbook.
- 6.-** Assembly of an implement on the tractor will shift the weights on the axles.
- 7.-** Before starting the tractor and plough, always check that all safety devices guarding transport and use are in perfect conditions.
- 8.-** The instructions labels affixed to the plough give useful advice on how to prevent accidents.
- 9.-** Always comply with the highway code in force in your country when travelling on public roads.
- 10.-** Comply with the maximum permissible weight on the axle of the tractor, the total adjustable weight, transport regulations and the highway code.
- 11.-** Always become familiar with the controls and their operation before starting work.
- 12.-** Take the utmost care during the plough coupling and release phases.
- 13.-** Never ever leave the driving seat whilst the tractor is moving.
- 14.-** Remember that the road holding, steering and breaking capacity may be notably influenced by the presence of a mounted implement.
- 15.-** It is absolutely forbidden to stand within the operative range of the plough.
- 16.-** Before leaving the tractor, lower the mounted plough coupled to the lift unit, stop the engine, engage the hand brake and remove the ignition key from the control panel.
- 17.-** The category of the implement coupling pins must correspond to that of the lift coupling.
- 18.-** Take care when working close to the lift links. This is a very dangerous area.
- 19.-** It is absolutely forbidden to stand between the tractor and the plough, to manoeuvre the outside lift control.
- 20.-** Set the control lever of the hydraulic lift to the locked position during road transport with the plough mounted.
- 21.-** The spare parts must correspond to the requirements established by the Manufacturer. Use only genuine spare parts.
- 22.-** The safety transfers must always be perfectly visible. They must be kept clean and should be replaced if they become illegible. Replacements are available on request from your local dealer.
- 23.-** The instruction manual must be kept for as long as the machine lasts.

(Fig.1) WARNING

Thoroughly read the manual before starting to work

DANGER

Do not handle the plough when lifted, danger of flattening. Keep safety distance.

DANGER

Damage can be caused by the rotation of the plough. Keep safety distance.

Be prepared in case of emergency

Have near a first aid kit and an extinguisher. Write down the telephone numbers of doctors, ambulances and firemen and keep them near the telephone.

Use suitable clothes

Avoid loose clothes and use suitable equipment of security according to the type of works. The safe handling of the machine requires all the attention of the operator.

Don't put on auricular to listen to the radio during the work with the machine.

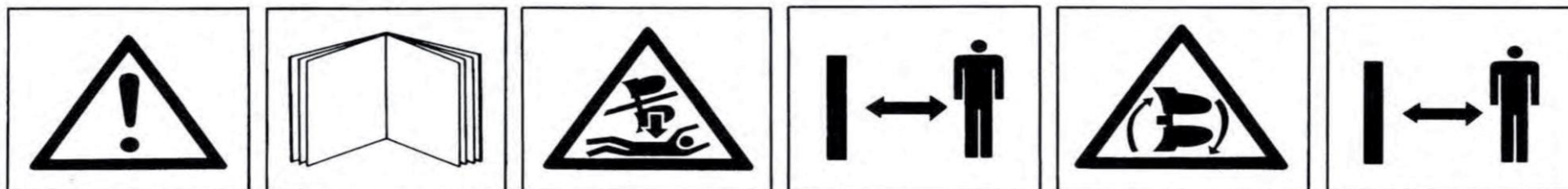
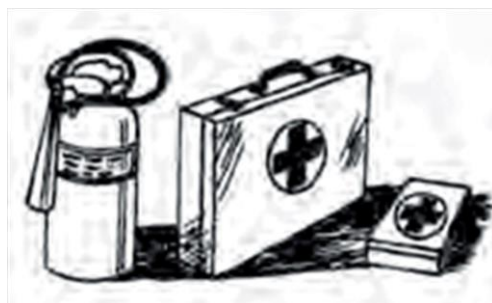
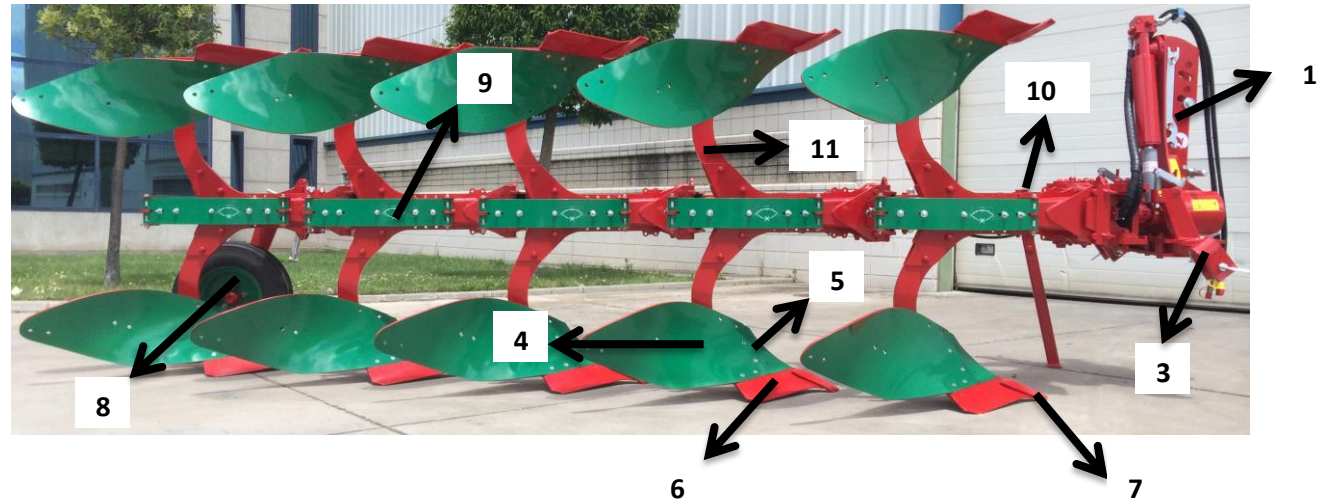


Fig.1

2. DESCRIPTION AND TECHNICAL DATA

1. HEADSTOCK
2. IDENTIFICATION PLATE
3. CROSS SHAFT
4. MOULBOARD
5. SHIN PIECE
6. SHARE POINT
7. SHARE
8. CONTROL WHEEL
9. LEAF SPRING
10. BEAM
11. CONTROL WHEEL

REMARK: The construction number that is engraved in the identification plate must be coincident with the number engraved on the headstock support.



IDENTIFICATION PLATE (2)



TECHNICAL DATA

N	SB / SH-2	SB / SH-3	SB / SH-4	SB / SH-5
VARILABOR	12" - 20"			
POTENCIA (CV)	70-90	80-130	100-150	150-200
PESO (KG)	890	1.150	1.390	1.800
DESPEJE	700mm / 760 mm			

N	DIST.	LB / LH-2	LB / LH-3	LB / LH-4	LB / LH-5
VARILABOR	850 mm	12"-14"-16"-18"			
	950 mm	14"-16"-18"-20"			
POTENCIA (CV)	850 / 950 mm	70-90	80-130	100-150	150-200
PESO (KG)	850 / 950 mm	820	1.045	1.250	1.675
DESPEJE	850 / 950 mm	700mm / 760 mm			

3. VARILABOR

The models **SB/SH** incorporates the OVLAC exclusive system to adjust the furrow width - Varilabor- which allows to choose any working width between 10" (30 cm) and 20" (50 cm) by means of one only operation on the turnbuckle.

With the optional hydraulic adjustment, the same operation can be carried out even while working, from the tractor cabin, by means of the cylinder A (Fig.3).

The indicator points the chose furrow width. Varying the furrow width allows to adapt the plough to soil conditions and to the power of the tractor.

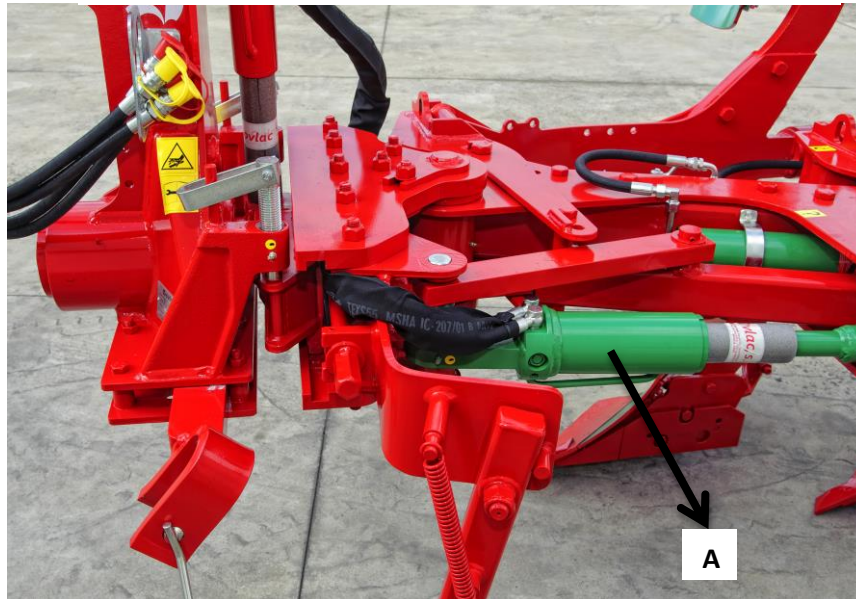


Fig.3

4. PROTECTION SYSTEMS NON STOP

The Auto Reset protection systems work automatically. When the share meets an obstacle the protection system pulls the beam up (Fig. 4) this avoiding the obstacle and returning to its original position afterwards with no need to stop the tractor. This way all the impacts produced by an uneven field are absorbed by the protection system thus protecting all the elements of the plough and of the tractor too. For the same reason, the Auto Reset protections decreases the traction effort by not making the tractor overcome a very eventual obstacle.

Models SB: In heavy duty conditions one or more leafs can be added to ease penetration of the plough. Always check that the distance of the arch of the spring is 700 ± 2 mm (Fig 4.)

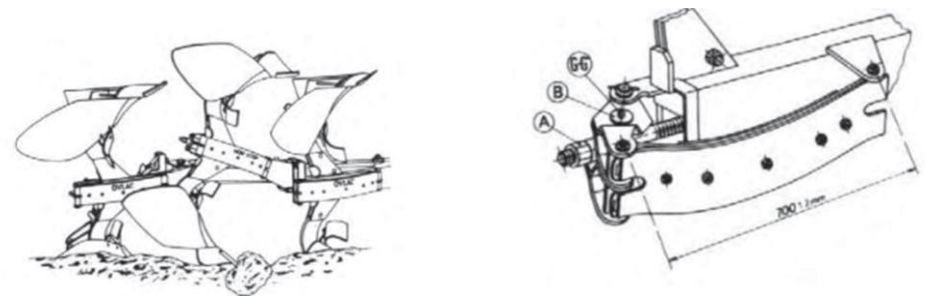


Fig.4

5. SET TO WORK

5.1 – MOULDBOARDS

Before starting work, the paint on the mouldboards should be removed to avoid that the soil remains adhered.

Verify that the lengths $A1=A2$ and $B1=B2$, as shown in figure (Fig. 6). If these lengths are not coincident, adjust by means of the stay C, working on the nuts D and D' (Fig. 7).



Fig.5

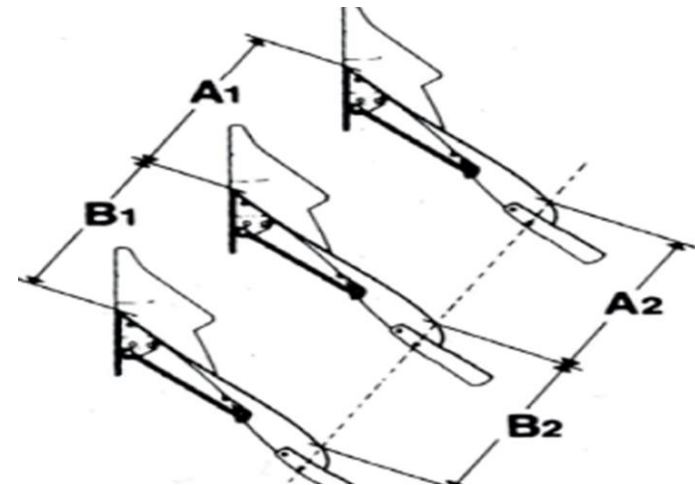


Fig.6

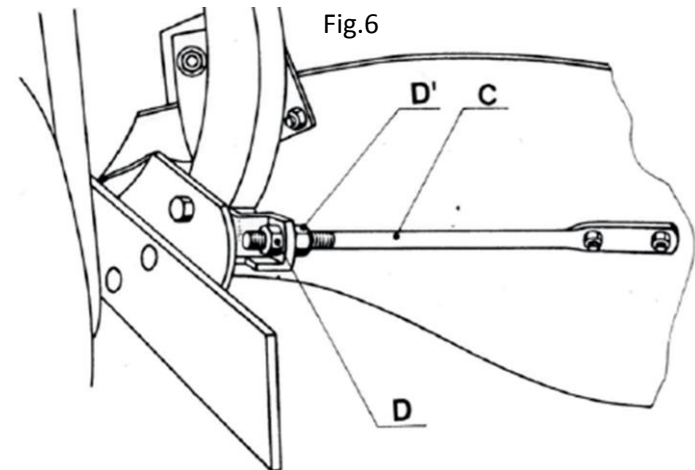


Fig.7

5.2 – HITCHING TO THE TRACTOR

The OVLAC ploughs are designed to fit to the 3-point universal coupling of any farming tractor.

The cross shaft can be supplied in two different lengths (centre to centre):

Category II	900 mm.
Category III	1.000 mm.

The cross shaft must have the appropriate length to make the drawing powers converge in the centre of the frontal axle, as shown in (Fig. 8).

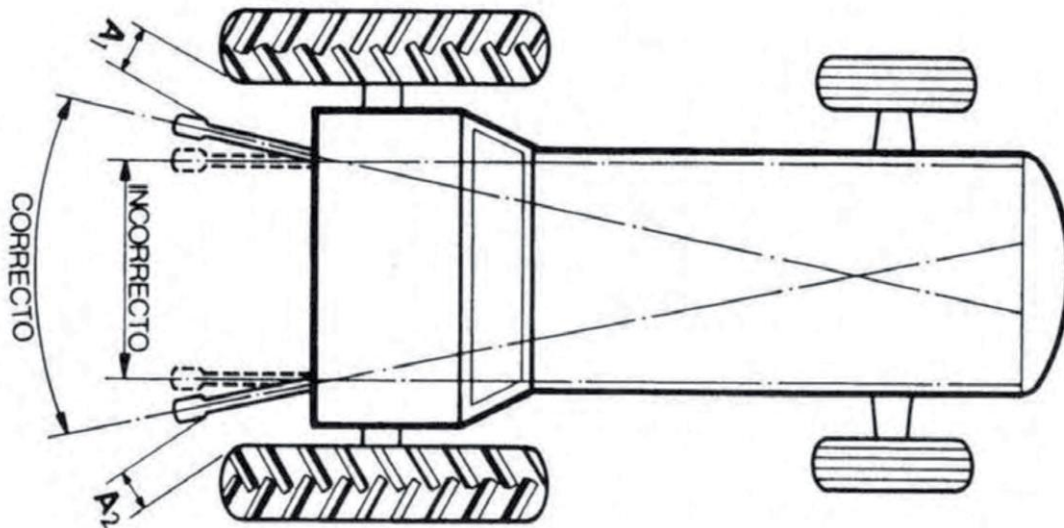


Fig.8

5.3 – ALIGNMENT

The plough should always work in line with the tractor. If not, the tractor will tend to leave the furrow course. Check that lengths $A1=A2$ (Fig. 9)

Crabbing is corrected automatically in OVLAC ploughs thanks to their oscillating cross shaft. In ploughs with fix coupling, act on the drifting-correction turnbuckle (hydraulic in option).

The third point should be linked so that the end linked to the plough be slightly higher than the one linked to the tractor (Fig. 9).

The third point should always be placed in the oblong hole E (Fig. 9), trying that its length does not hinder it to move while working.

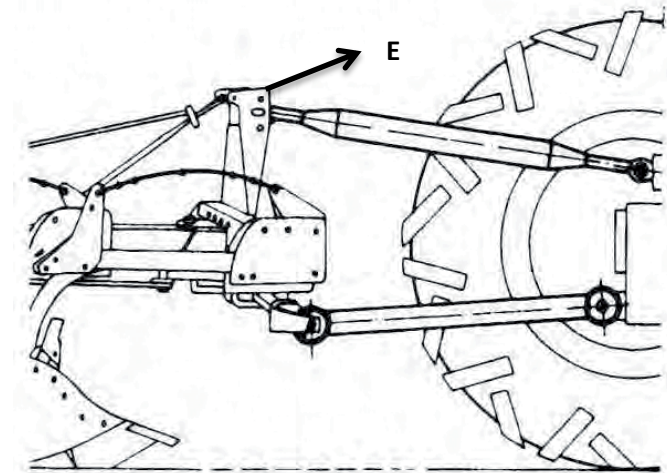


Fig.9

5.4 – FRONT FURROW WIDTH

The width of the first furrow is adjusted by acting on the screw C (Fig. 10), this moving the headstock laterally until all observations in (Fig.11 y 12) are applied.

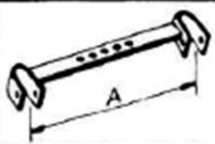
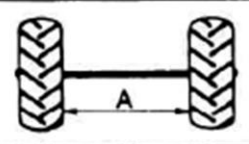
		Ancho de Surco Furrow Width Largeur Du Sillon
A = 90	120	30-45
	130	40-50
	140	35-45
	150	40-50
A = 100	140	35-45
	150	40-50
	160	40-50

Fig.11

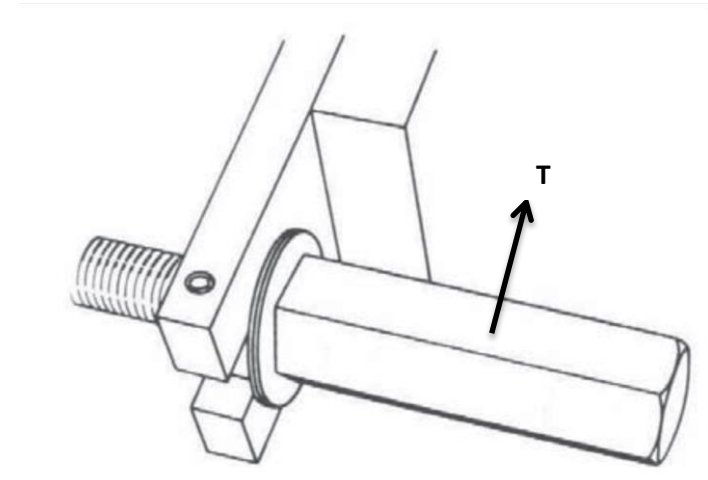
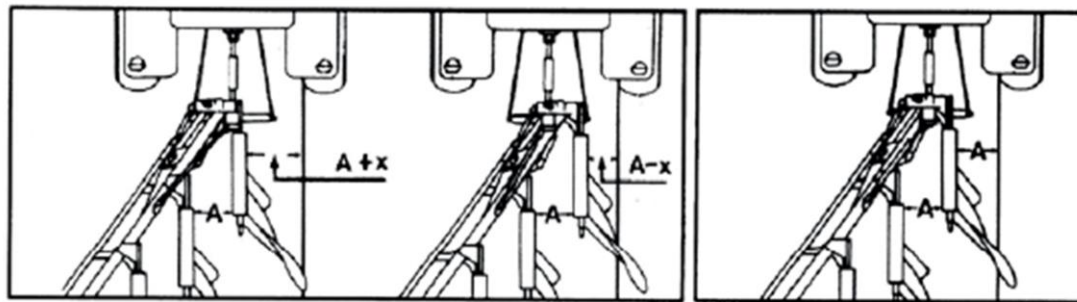


Fig.10



Incorrecto / Wrong / Incorrect

Fig.12

Correcto / Right / Correct

5.5 – OTHER ADJUSTMENT

The length of the third point should be adjusted so that the frame works in a parallel position with respect to the field since, if not, the first bodies would plough at a different depth than the rear ones achieving an uneven labour (Fig. 13).

For the same reason, check that the beams work vertically to the field (Fig.14). To achieve this, make sure that the lifting arms of the tractor are at the same height and act on the adjusting bolts A at the headstock (Fig.15).

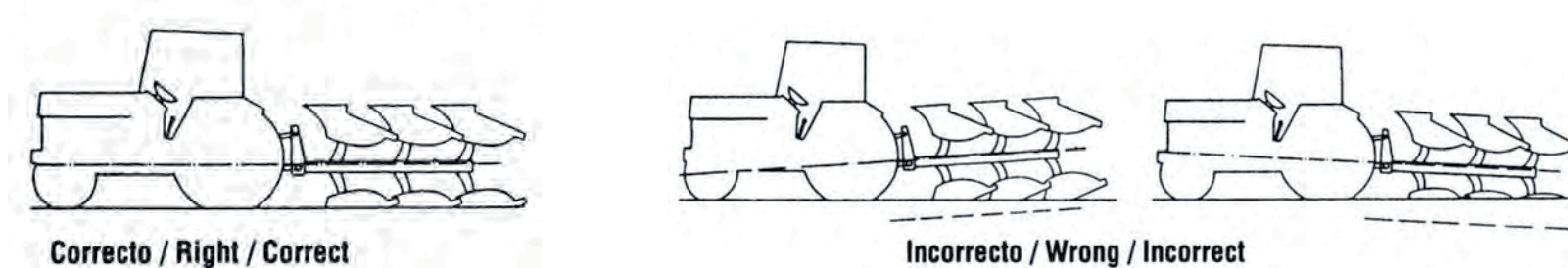


Fig.13

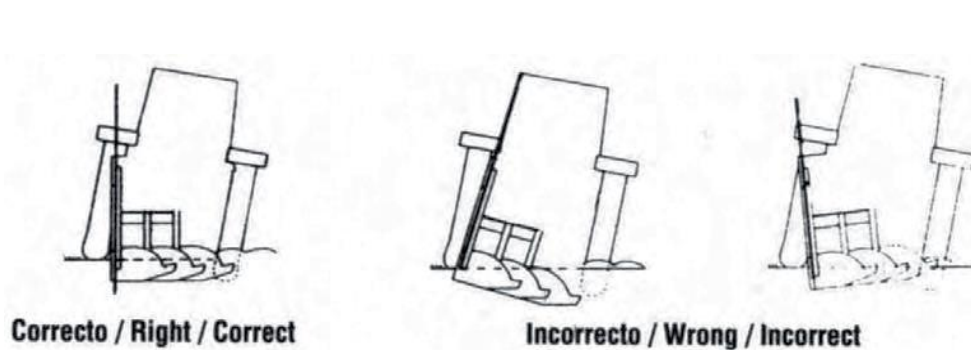


Fig.14

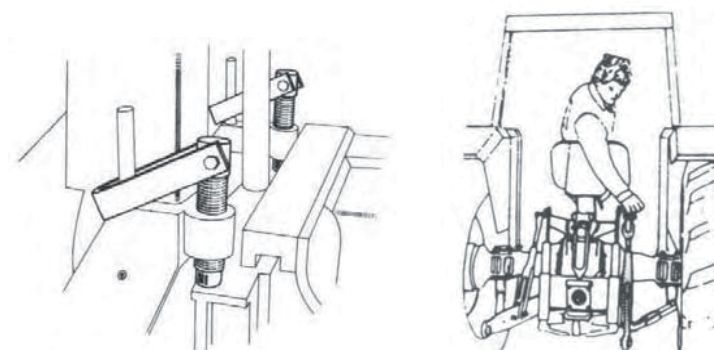


Fig.15

6. PLOUGHING DEPTH

The ploughing depth is adjusted through the hydraulic lever of the tractor. Nevertheless, to obtain an even depth, all ploughs can be equipped with a depth control wheel (Fig.16) whose height is adjusted by the bolts A.

There is a relation between depth and width which should be respected in order to achieve a good result.

The following chart gives an excellent reference which, if complied, will lead to satisfactory results.

Anchura / Width / Largeur	Pulgadas	12"	14"	16"	18"	20"
	cm	30	35	40	45	50
Profundidad máxima / Max. Depth / Max. Profondeur (cm)		24	28	32	36	40
Profundidad mínima / Min. Depth / Min. Profondeur (cm)		15	17	20	22	25
Profundidad recomendable / Recommended depth / Profondeur recommandavle (cm)		21	25	28	32	35

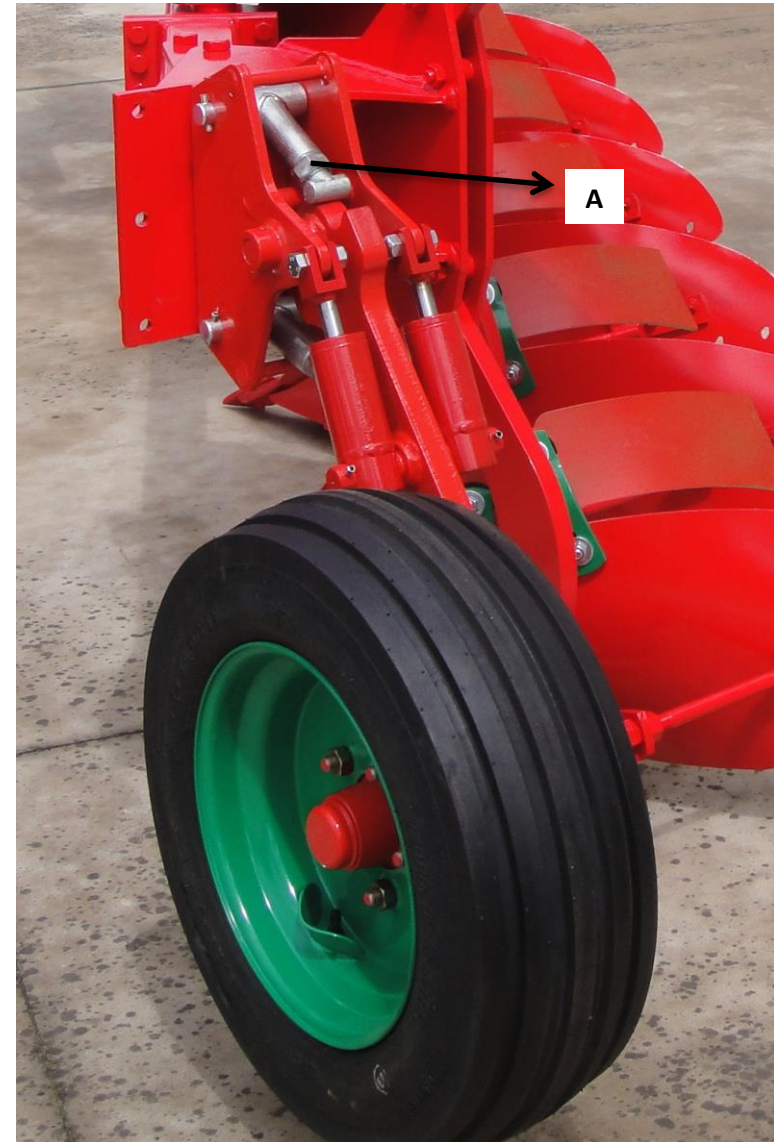


Fig.16

7. TRANSPORT AND PARKING

In order to ease transport, the plough should be drawn to its minimum width by means of the width control system (turnbuckle or hydraulic cylinder). Large ploughs can be equipped with a multi-purpose wheel: depth control and transport.

To carry the plough on the combi wheel, place pin B in hole C. Then pull the lever to push out pin D so that the plough is locked in a butterfly position when turned. Then put down the plough, release the top link from the headstock and block the oscillating cross shaft by means of pins E (Fig.17 y 18).

The stand (Fig.19) guarantees a steady position when the plough is parked.

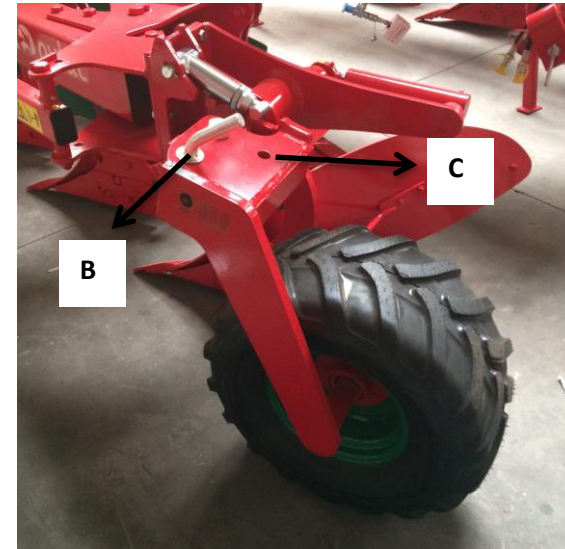


Fig.17

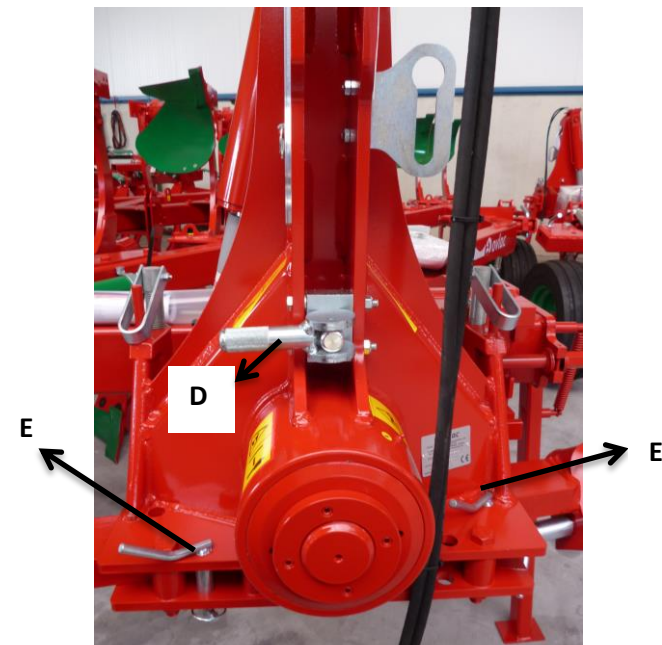


Fig.18



Fig.19

8. MAINTENANCE

Retighten all bolts and nuts after the first 8 hours of work, specially the ones of mouldboards, shares and points. Henceforth, check every 100 hours of work. When putting the plough away, clean and grease thoroughly the mouldboards to prevent from rusting.

Lubrication: grease the greaser.

Safe maintenance

Be used to the maintenance procedures before carrying out the works. The working zone must be clean and dry. Don't carry out any work of lubrication, repair or adjust with the motor enabled. Keep the hands, feet and clothes always far from movable components. Turn all the controls off, to alleviate the pressure. All the components must be in good state and correctly installed. Repair damages immediately. Change any worn away or broken pieces. Maintain all the components of the machine clean of fat, oil and accumulated dirt. Because of being dragged equipment, disconnect the cable groups of the tractor before making works of weld in the machine.



Take care of the leaks of high pressure

The fluids that escape of the system can have as much force that they can penetrate the skin, causing serious injuries. Therefore, it is essential to leave the system without pressure before relaxing or disconnecting any pipe and make sure that all the connections and the hydraulic parts they are well tight before applying pressure to the system. In order to locate a hydraulic oil leak, use a piece of cardboard that is put on the connections. Do not approach the hands and the body to a leak of high pressure. If, in spite of this precaution, it happens an accident, go immediately to a doctor who should eliminate surgically the fluid within few hours to avoid gangrene. The doctors who do not have experience in dealing with these type injuries can go to a specialized medical centre.

Storage of the hydraulic sleeves.

IMPORTANT: maintain the plugs clean. The abrasive particles, like the sand or the metallic shaving, can damage the oil seals, shirts and cylinders, causing internal leaks. Once disconnected of the tractor, make sure that they are not in contact with the ground



9. OPTIONAL EQUIPMENT

The ploughs **Ovlac SB/SH** can be equipped with:

- 9.1 Cover boards (Fig.20).
- 9.2 Landslide extension (Fig.21).
- 9.3 Transport wheel (Fig.22)
- 9.4 Disc coulters (Fig.23).
- 9.5 Advanced Wheel (Fig.24).
- 9.6 Advanced C/T Wheel (Fig.25).



Fig. 20



Fig. 21



Fig. 22



Fig. 23



Fig. 24



Fig. 25

CONTENT

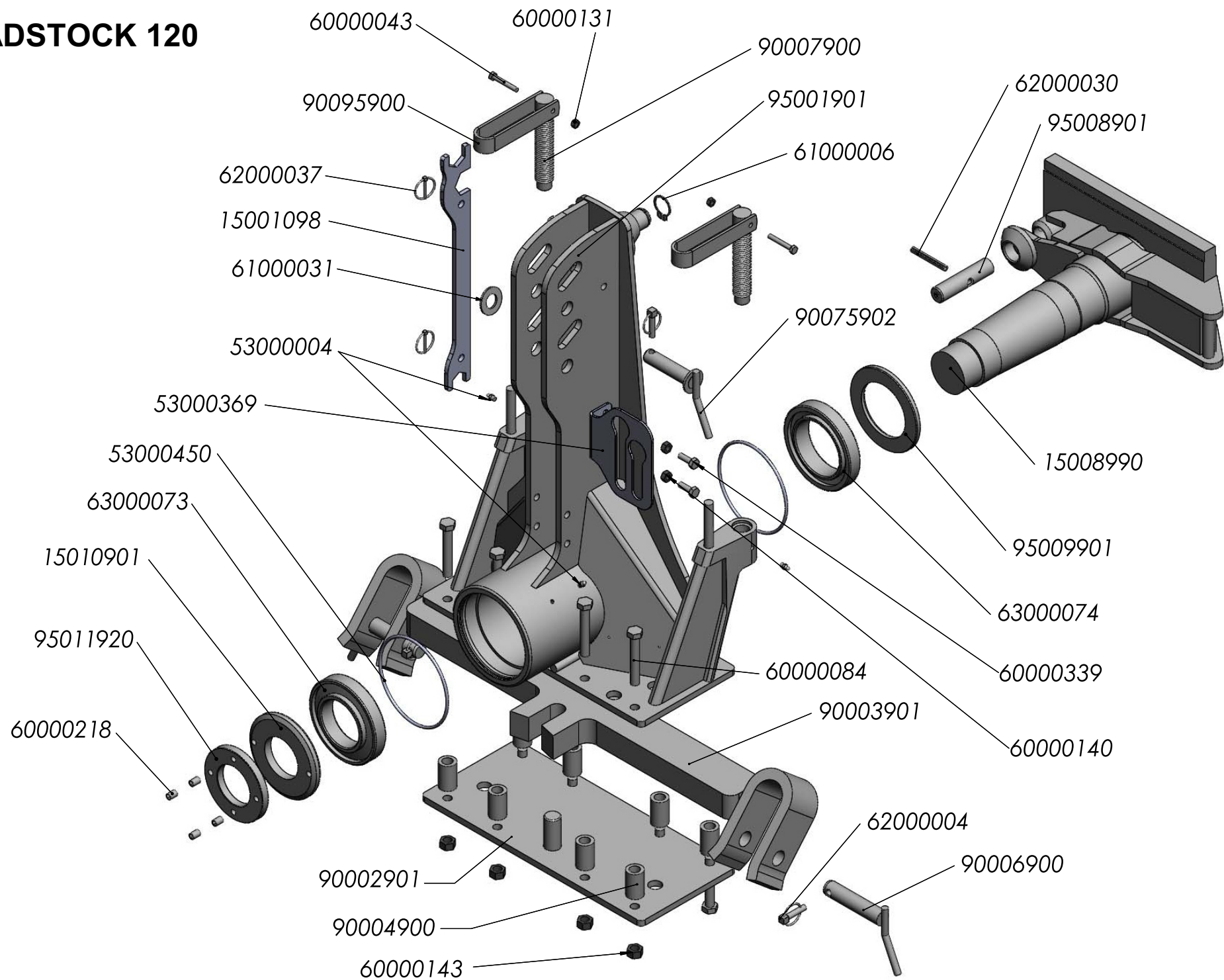
10. SPARE PARTS

Spare parts should always be ordered from your dealer and should always include the following indications:

- **Type, model and serial number of the plough.** These data are punched on the identification plate with which every plough is equipped.
- **Code number of the required spare part.** This will be found in the attached spare parts list.
- **Description of the part and required quantity.**
- **Means of delivery.** Transport expenses shall always be at the consignor's charge.
- **NOTE:** The terms **Right** and **Left** indicated on the descriptions, refer to the plough when viewed from the rear. The spare parts components of waste equipment, as shares, mouldboards, etc., are considered right if they are mounted on a body which spills the soil to the right side and viceversa.
- **Note about the warranty:** The orders of spare parts in warranty should always be clearly specified. **The Manufacturer will always sentence if the spare parts are warranted in their replacement.**
- **Moreover, the warranty is suppressed if:**
 - The plough is repaired without authorisation from the Manufacturer, or spurious spare parts, and inadequate bolts are mounted.
 - The plough has been used beyond the specified power limit, or anomalous manoeuvres and operations have been made.

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HEADSTOCK 120



HEADSTOCK 120

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15001098	LLAVE 32-38	62000004	PASADOR ANILLA 10 ZINC.
15008990	EJE CABEZAL 120 (D/06)	62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.
15010901	TUERCA EJE CABEZAL 120 (D/06)	62000037	PASADOR ANILLA 4,5 ZINC.
53000004	ENGRASADOR AC° DIN-71412 8*125	63000073	RODAM.ANTER.30218 F (C-120/D-03)
53000369	SOPORTE LATIG.TORRETA 2 HUECOS ZINC.	63000074	RODAM.POST.32021 XF (C-120/D-03)
53000450	JUNTA TORICA 160-3	90003901	BALANC.50mm.CAT-II
60000043	TORN.EXAG.DIN-931 8* 55 8.8 ZINC.	90006900	BULON D=28*130mm.BALANC.CAT.II ZINC.
60000084	TORN.EXAG.DIN-931 16*100 8.8	90006905	BULON D=36/28*140mm.BALANC.CAT.III ZINC.
60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.	90007900	HUSILLO TOPE 185mm.
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	90075902	BULON D=25*110mm.3er.PTO.CAT.II ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	90095900	MANILLA TOPE ZINC.
60000218	TORN.ALLEN DIN-913 12* 16 12.9	95001901	CABEZAL 120 (D/O4)
60000339	TORN.EXAG.DIN-933 10* 30 8.8 ZINC.	95008901	BULON D=29,6*123mm.INF.VOLTEO 110(D/07)/120
61000006	ANILLO ELASTICO DIN-471 35	95009901	ARAND.POST.120 (D/03)
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150

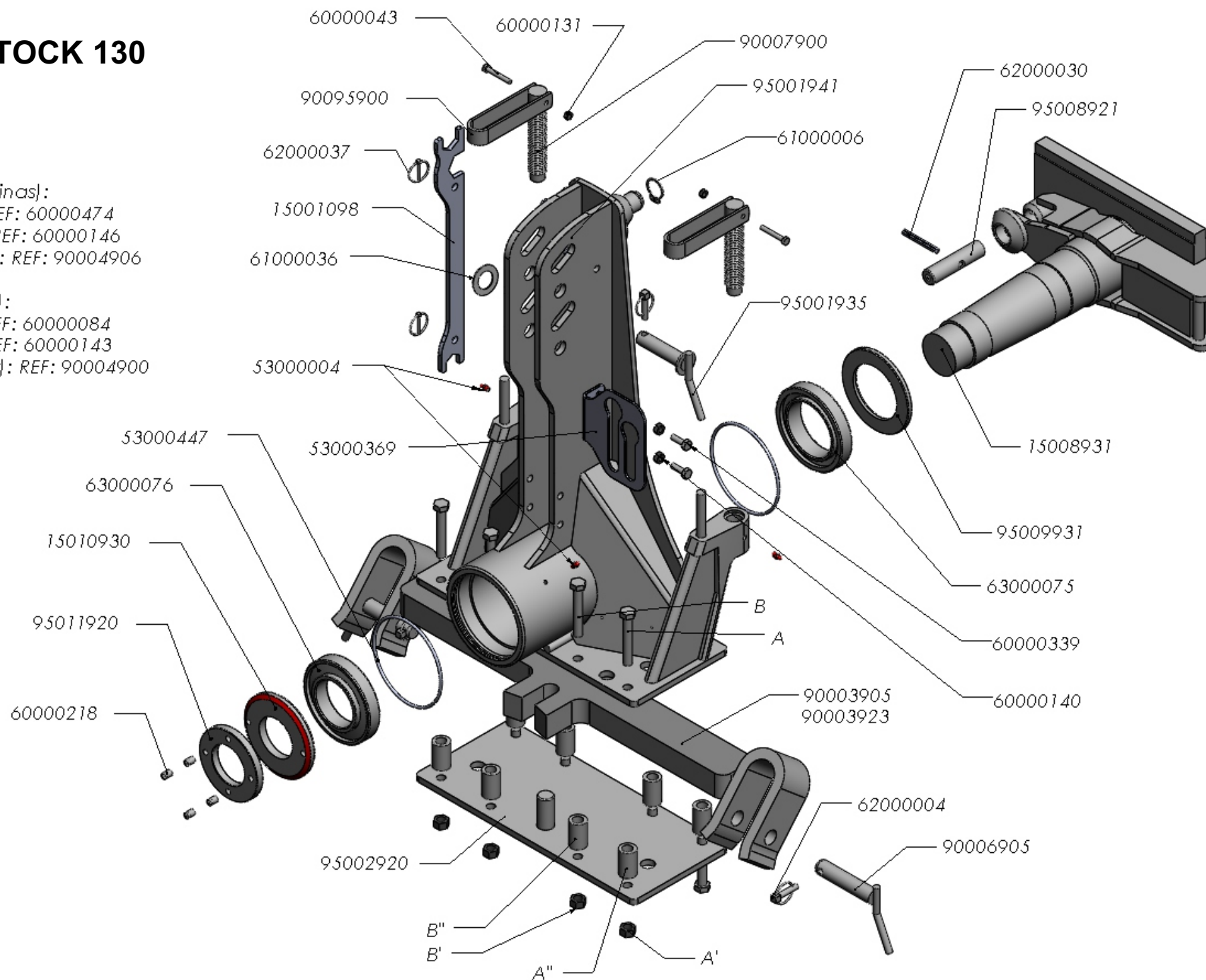
HEADSTOCK 130

A, A' y A'' {Esquinas}:

- A {Tornillo}: REF: 60000474
- A' {Tuerca}: REF: 60000146
- A'' {Casquillo}: REF: 90004906

 $B, B' \text{ y } B'' \{Resto\}:$

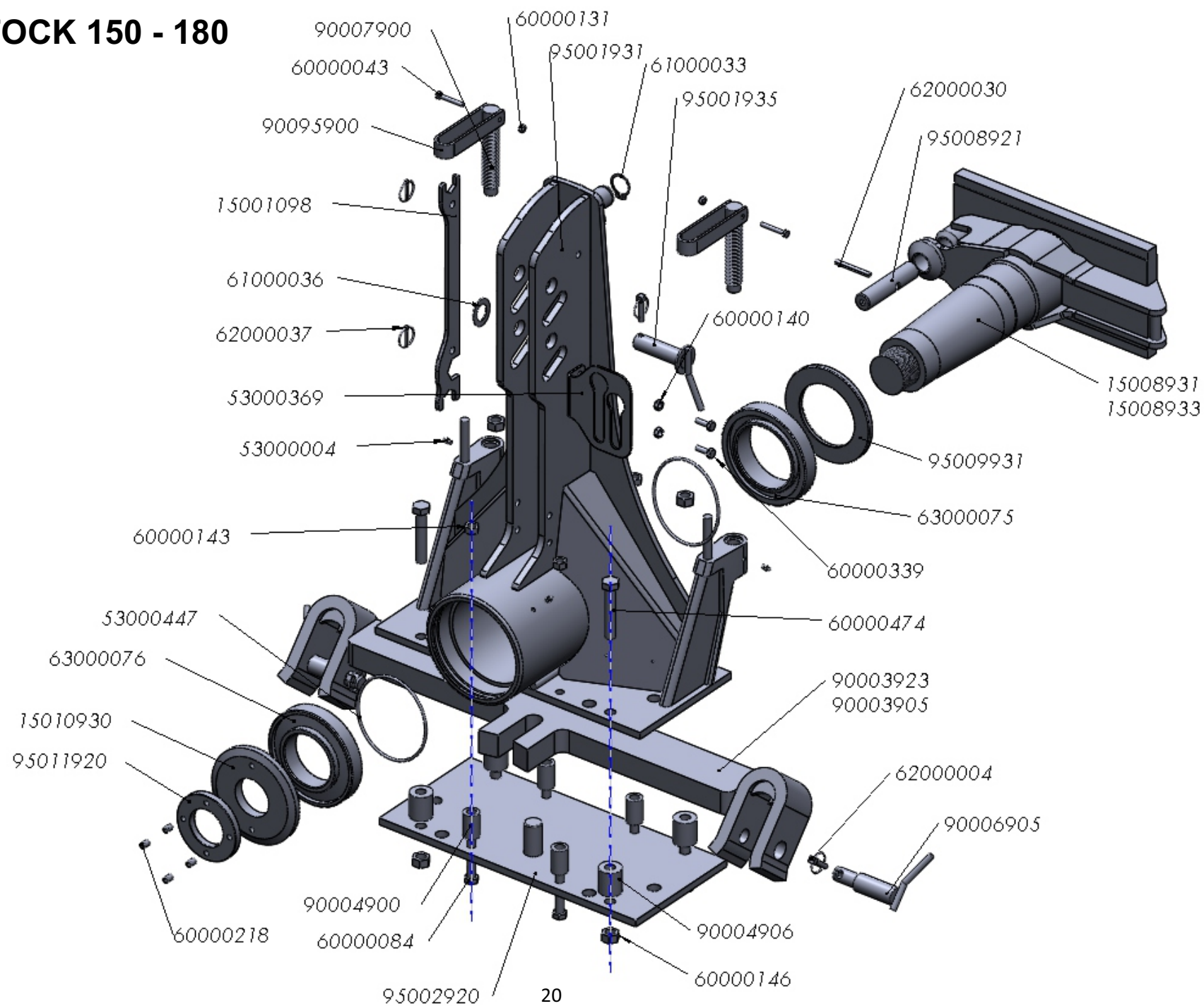
- B {Tornillo}: REF: 60000084
- B' {Tuerca}: REF: 60000143
- B'' {Separador}: REF: 90004900



HEADSTOCK 130

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15001098	LLAVE 32-38	62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.
15008931	EJE CABEZAL 150 (D/06)	62000037	PASADOR ANILLA 4,5 ZINC.
15010930	TUERCA EJE CABEZAL 150 (D/06)	63000075	RODAM.POST.32026 F (C-150)
53000004	ENGRASADOR AC° DIN-71412 8*125	63000076	RODAM.ANTER.30222 F (C-150)
53000369	SOPORTE LATIG.TORRETA 2 HUECOS ZINC.	90003905	BALANC.50mm.PENTAS.CAT-II/III
53000447	JUNTA TORICA 200-3 NBR (9-851)	90003923	BALANC.50mm.PENTAS.CAT.III
60000043	TORN.EXAG.DIN-931 8* 55 8.8 ZINC.	90004900	SEP.B.P.32/20* 52mm.
60000084	TORN.EXAG.DIN-931 16*100 8.8	90004906	CASQ.D= 45/20,5*52mm.SEP.BALANC.PENTAS.
60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.	90006905	BULON D=36/28*140mm.BALANC.CAT.III ZINC.
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	90007900	HUSILLO TOPE 185mm.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	90095900	MANILLA TOPE ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	95001935	BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02)
60000218	TORN.ALLEN DIN-913 12* 16 12.9	95001941	CABEZAL 150-L
60000339	TORN.EXAG.DIN-933 10* 30 8.8 ZINC.	95002920	PLACA PORTABALANC.50mm.PENTAS.(D/02)
60000474	TORN.EXAG.DIN-931 20*110 12.9	95008921	BULON D=34,6*150mm.INF.VOLTEO PENT.(D/02)
61000006	ANILLO ELASTICO DIN-471 35	95009931	ARAND.POST.150
61000036	ARAND.ESTANDAR-A 32 ZINC.	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150
62000004	PASADOR ANILLA 10 ZINC.		

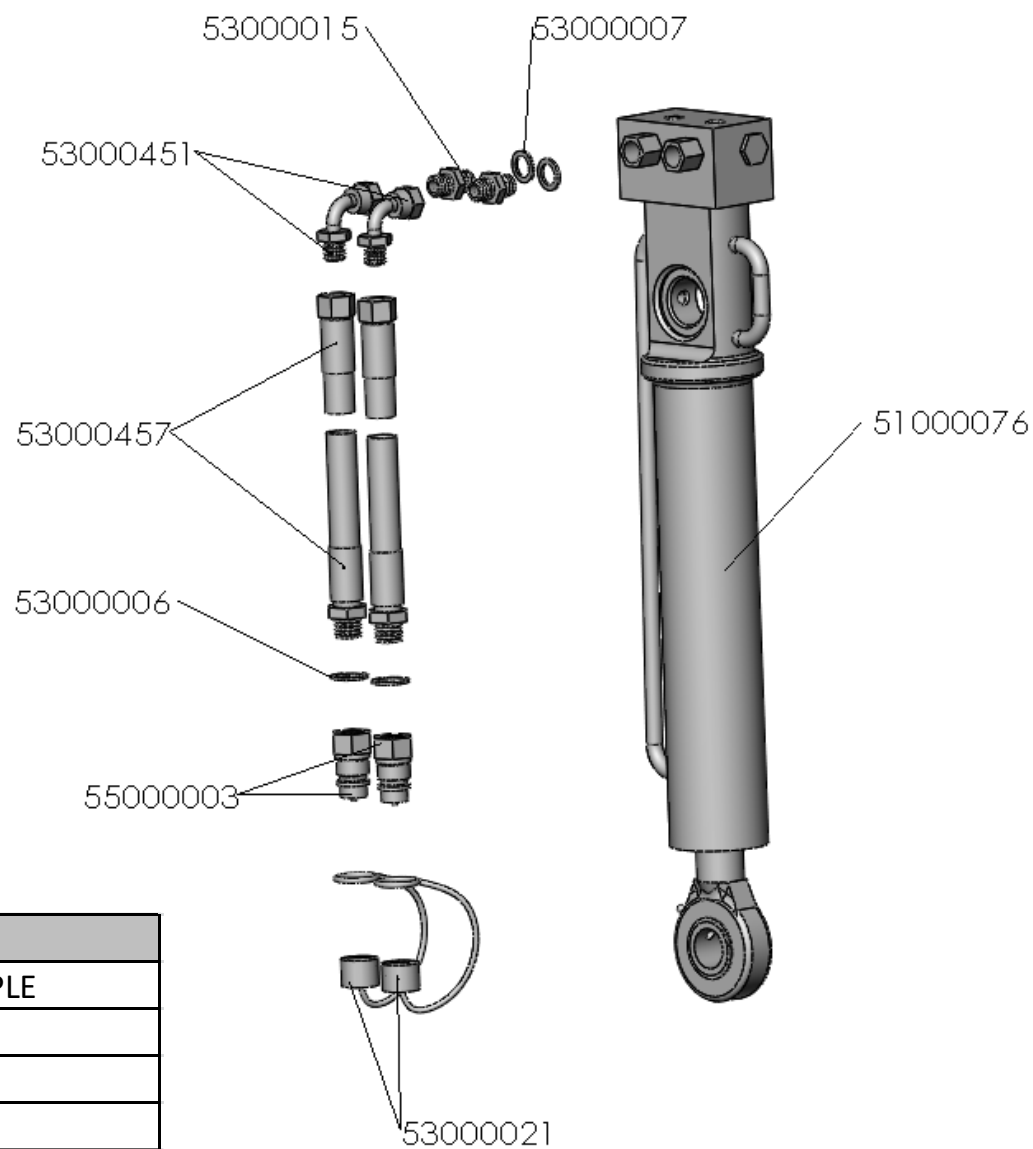
HEADSTOCK 150 - 180



HEADSTOCK 150 - 180

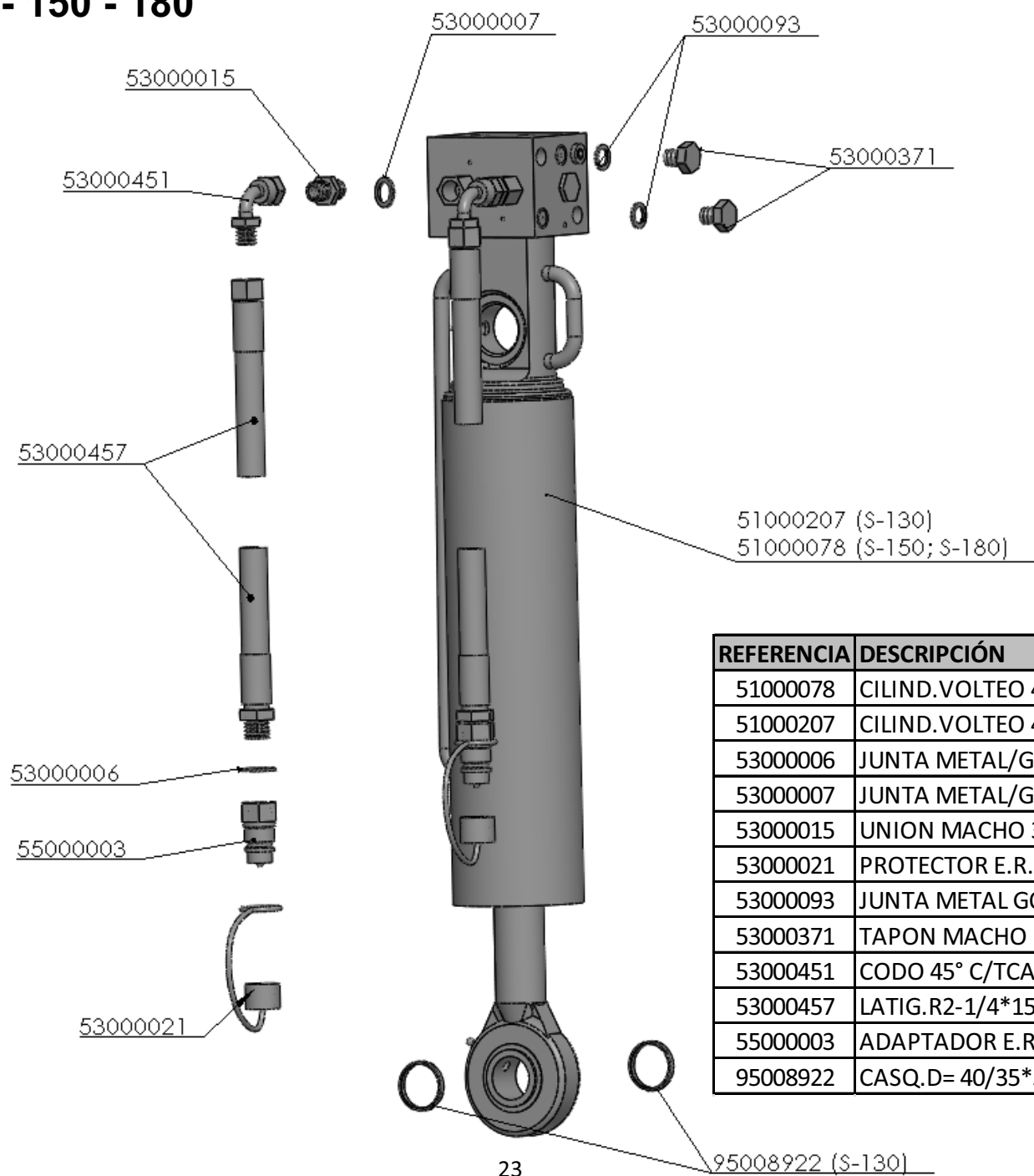
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15001098	LLAVE 32-38	62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.
15008931	EJE CABEZAL 150 (D/06)	62000037	PASADOR ANILLA 4,5 ZINC.
15010930	TUERCA EJE CABEZAL 150 (D/06)	63000075	RODAM.POST.32026 F (C-150)
53000004	ENGRASADOR AC° DIN-71412 8*125	63000076	RODAM.ANTER.30222 F (C-150)
53000369	SOPORTE LATIG.TORRETA 2 HUECOS ZINC.	64000160	PUNTA REJA D LK REVERS. 3365540
53000447	JUNTA TORICA 200-3 NBR (9-851)	90003905	BALANC.50mm.PENTAS.CAT-II/III
60000043	TORN.EXAG.DIN-931 8* 55 8.8 ZINC.	90003923	BALANC.50mm.PENTAS.CAT.III
60000084	TORN.EXAG.DIN-931 16*100 8.8	90004900	SEP.B.P.32/20* 52mm.
60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.	90004906	CASQ.D= 45/20,5*52mm.SEP.BALANC.PENTAS.
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	90006905	BULON D=36/28*140mm.BALANC.CAT.III ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	90007900	HUSILLO TOPE 185mm.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	90095900	MANILLA TOPE ZINC.
60000218	TORN.ALLEN DIN-913 12* 16 12.9	95001931	CABEZAL 150-L
60000339	TORN.EXAG.DIN-933 10* 30 8.8 ZINC.	95001935	BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02)
60000474	TORN.EXAG.DIN-931 20*110 12.9	95002920	PLACA PORTABALANC.50mm.PENTAS.(D/02)
61000033	ANILLO ELASTICO DIN-471 40	95008921	BULON D=34,6*150mm.INF.VOLTEO PENT.(D/02)
61000036	ARAND.ESTANDAR-A 32 ZINC.	95009931	ARAND.POST.150
62000004	PASADOR ANILLA 10 ZINC.	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150

ROLLOVER 120



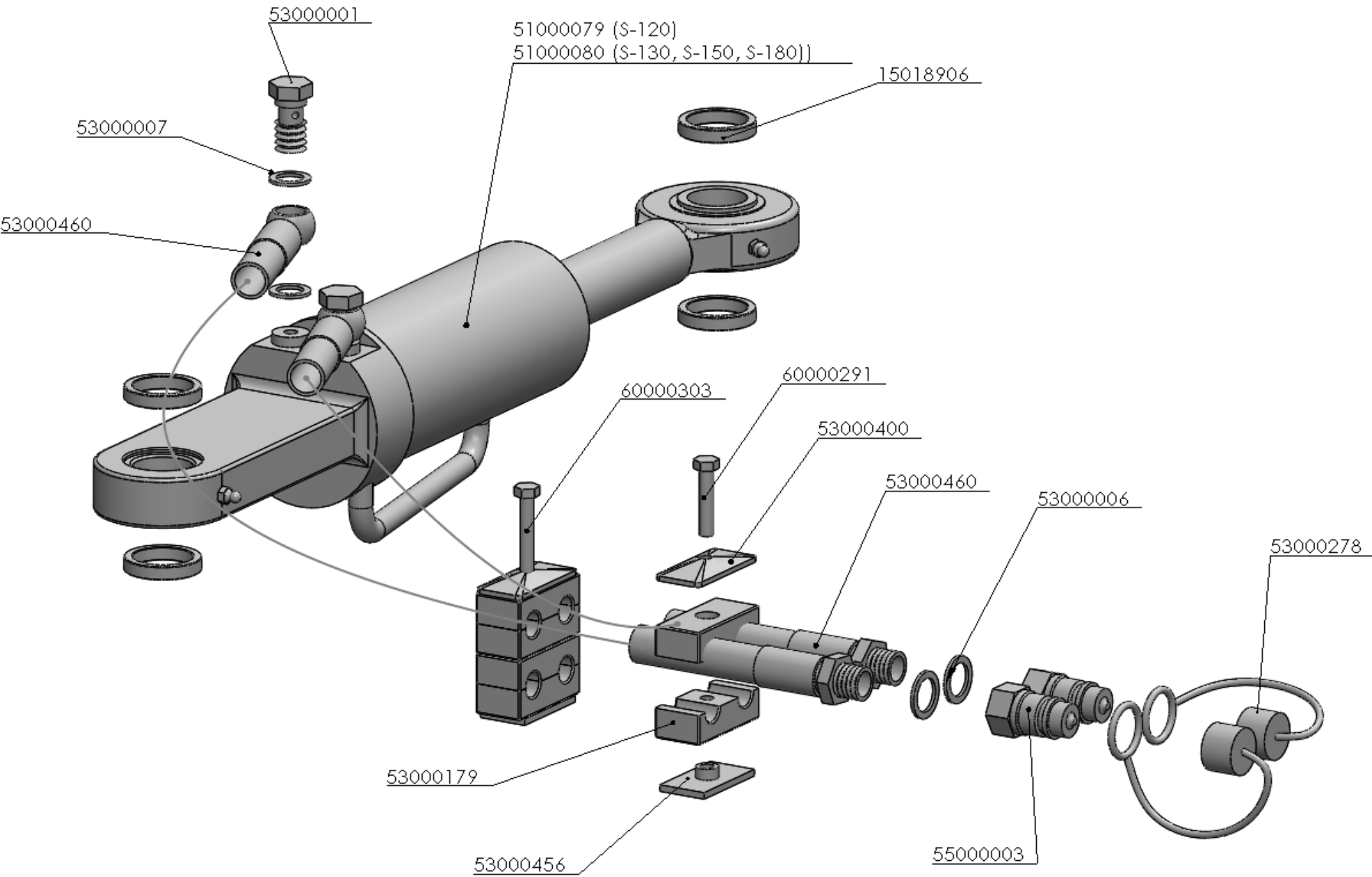
REFERENCIA	DESCRIPCIÓN
51000076	CILIND.VOLTEO 35/63/260 + VALV.SIMPLE
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000015	UNION MACHO 3/8 4062
53000021	PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR
53000451	CODO 45° C/TCA.LOCA 3/8 S952-17
53000457	LATIG.R2-1/4*1500mm.MF-1/2/TL-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108

ROLLOVER 130 - 150 - 180



REFERENCIA	DESCRIPCIÓN
51000078	CILIND.VOLTEO 40/90/300 + VALV.SECUENCIAL
51000207	CILIND.VOLTEO 40/70/247 + VALV.SEC.
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000015	UNION MACHO 3/8 4062
53000021	PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR
53000093	JUNTA METAL GOMA 1/4 11601
53000371	TAPON MACHO 1/4 S830-13
53000451	CODO 45° C/TCA.LOCA 3/8 S952-17
53000457	LATIG.R2-1/4*1500mm.MF-1/2/TL-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
95008922	CASQ.D= 40/35*5,5mm.SEP.VOLTEO 150

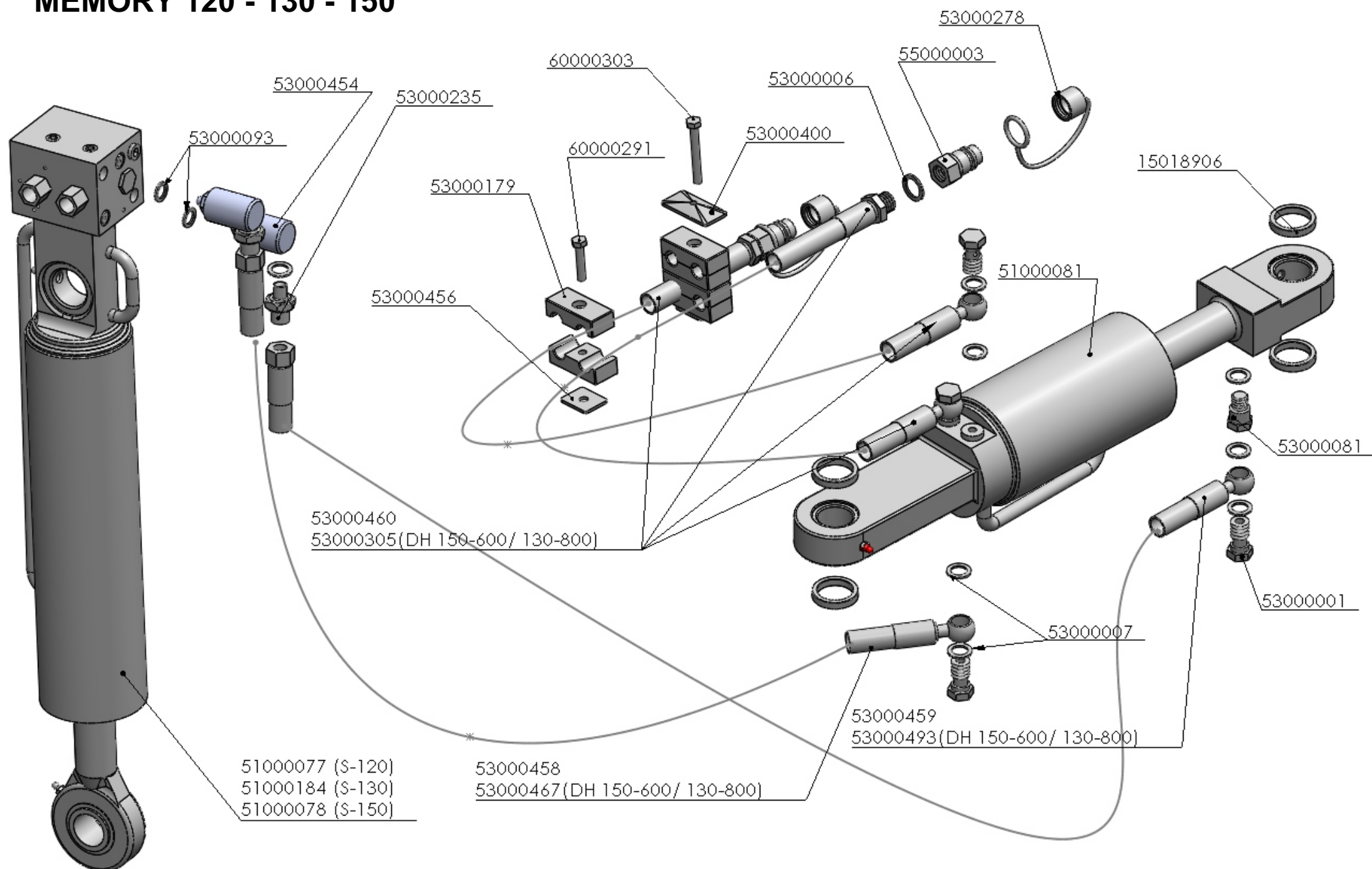
VARYWIDTH SYSTEM



VARYWIDTH SYSTEM

REFERENCIA	DESCRIPCIÓN
15018906	CASQ. D=45/35*8 SEP.APERT.CICRO
51000079	CILIND.APERT. 40/ 80/100 VALV.BLOQ.
51000080	CILIND.APERT. 42/100/100 VALV.BLOQ.
53000001	TORNILLO SIMPLE 3/8 4022
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000179	ABRAZ.DOBLE D=15mm. 215-15PP
53000278	PROTECTOR E.R.MACHO 1/2" AMARILLO 5029-4PY
53000400	PLACA RFZO.AB.DOBLE 15/18
53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D
53000460	LATIG.MF210-1/4*3550mm.MF-1/2/OR-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
60000291	TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.
60000303	TORN.EXAG.DIN-931 8* 65 8.8 ZINC.

MEMORY 120 - 130 - 150



MEMORY 120 - 130 - 150

REFERENCIA	DESCRIPCIÓN
15018906	CASQ. D=45/35*8 SEP.APERT.CICRO
51000077	CILIND.VOLTEO 35/63/260 + VALV.SECUENCIAL
51000078	CILIND.VOLTEO 40/90/300 + VALV.SECUENCIAL
51000081	CILIND.APERT./MEMª. 42/100/100 VALV.BLOQ.
51000184	CILIND.VOLTEO 35/63/260 + VALV.SEC (ROT.35-35)
53000001	TORNILLO SIMPLE 3/8 4022
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000081	SUPLEMENTO 3/8" 4092
53000093	JUNTA METAL GOMA 1/4 11601
53000179	ABRAZ.DOBLE D=15mm. 215-15PP
53000235	UNION REDUCCION 1/4-3/8 4071
53000278	PROTECTOR E.R.MACHO 1/2" AMARILLO 5029-4PY
53000305	LATIG.MF210-1/4*3800mm.MF-1/2/OR-3/8
53000400	PLACA RFZO.AB.DOBLE 15/18
53000454	RACOR GIRATORIO 90° 1-VIA 1/4 G0990
53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D
53000458	LATIG.MF210-1/4*2010mm.OR-3/8/TL-3/8
53000459	LATIG.MF210-1/4*2580mm.OR-3/8/TL-3/8
53000460	LATIG.MF210-1/4*3550mm.MF-1/2/OR-3/8
53000467	LATIG.MF210-1/4*2680mm.OR-3/8/TL-3/8
53000493	LATIG.MF210-1/4*3230mm.OR-3/8/TL-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
60000291	TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.
60000303	TORN.EXAG.DIN-931 8* 65 8.8 ZINC.

Exploded view diagram of a hydraulic cylinder assembly. The diagram shows the main cylinder body (51000078 (S-180)) and various mounting and connection components. Key parts and their labels include:

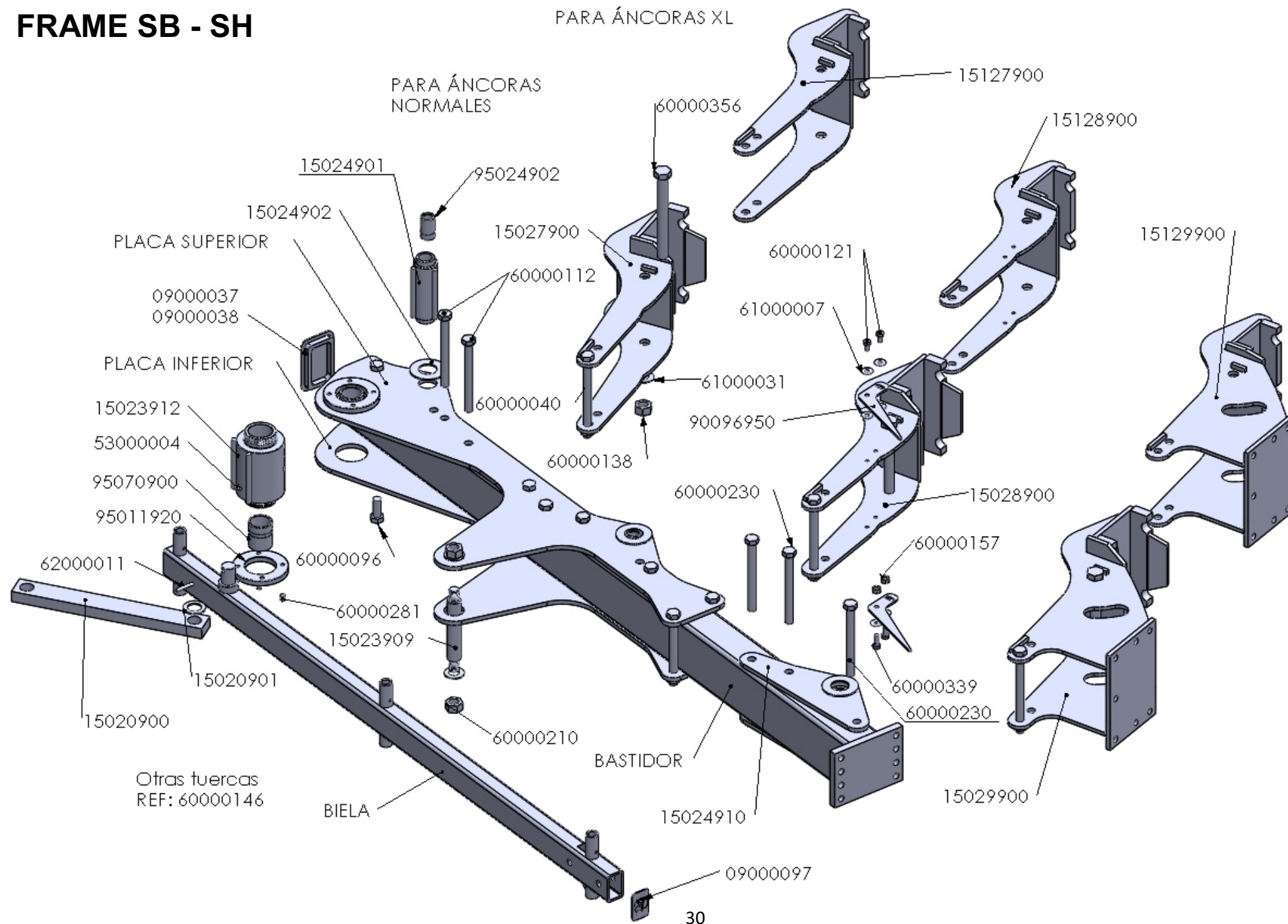
- 53000454: Top mounting bracket
- 53000093: Top mounting pin
- 53000235: Top mounting bracket
- 53000179: Top mounting bracket
- 60000303: Top mounting pin
- 60000291: Top mounting pin
- 53000006: Top mounting bracket
- 53000400: Top mounting bracket
- 55000003: Top mounting bracket
- 53000278: Top mounting bracket
- 15018906: Top mounting bracket
- 51000094: Top mounting bracket
- 53000456: Top mounting bracket
- 53000460: Top mounting bracket
- 53000463 (DH-600): Top mounting bracket
- 53000483 (DH-800): Top mounting bracket
- 53000081: Top mounting bracket
- 53000001: Top mounting bracket
- 53000007: Top mounting bracket
- 53000467: Top mounting bracket
- 53000465 (DH-600): Top mounting bracket
- 53000493 (DH-800): Top mounting bracket
- 53000458: Top mounting bracket
- 53000464 (DH-600): Top mounting bracket
- 53000467 (DH-800): Top mounting bracket

MEMORY 180

REFERENCIA	DESCRIPCIÓN
15018906	CASQ. D=45/35*8 SEP.APERT.CICRO
51000078	CILIND.VOLTEO 40/90/300 + VALV.SECUENCIAL
51000094	CILIND.APERT./MEMª. 42/100/145 VALV.BLOQ.
53000001	TORNILLO SIMPLE 3/8 4022
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000081	SUPLEMENTO 3/8" 4092
53000093	JUNTA METAL GOMA 1/4 11601
53000179	ABRAZ.DOBLE D=15mm. 215-15PP
53000235	UNION REDUCCION 1/4-3/8 4071
53000278	PROTECTOR E.R.MACHO 1/2" AMARILLO 5029-4PY
53000400	PLACA RFZO.AB.DOBLE 15/18
53000454	RACOR GIRATORIO 90° 1-VIA 1/4 G0990
53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D
53000458	LATIG.MF210-1/4*2010mm.OR-3/8/TL-3/8
53000460	LATIG.MF210-1/4*3550mm.MF-1/2/OR-3/8
53000463	LATIG.MF210-1/4*3650mm.MF-1/2/OR-3/8
53000464	LATIG.MF210-1/4*2250mm.OR-3/8/TL-3/8
53000465	LATIG.MF210-1/4*2850mm.OR-3/8/TL-3/8
53000467	LATIG.MF210-1/4*2680mm.OR-3/8/TL-3/8
53000483	LATIG.MF210-1/4*3950mm.MF-1/2/OR-3/8
53000493	LATIG.MF210-1/4*3230mm.OR-3/8/TL-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
60000291	TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.
60000303	TORN.EXAG.DIN-931 8* 65 8.8 ZINC.

FRAME SB - SH

PARA ÁNCORAS XL



FRAME SB - SH

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
9000037	TAPON GOMA 150*100*10mm.	60000112	TORN.EXAG.DIN-931 20*200 8.8
9000038	TAPON GOMA 150*150*10mm.	60000121	TORN.EXAG.DIN-933 10* 20 8.8 ZINC.
9000097	TAPON GOMA 80* 50* 6mm.	60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
15020900	LLANTA TIRO BIELA SN (500/440)	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15020901	ARAND.D=35,5mm.LLANTA TIRO BIELA SN	60000157	TUER.EXAG.DIN-934 12 8.8 ZINC.
15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET	60000210	TUER.AUTO.DIN-985 1" SAE 8.8
15023912	CASQ.GIRO BAST.SN-150 C/VARILLAS	60000230	TORN.EXAG.C/LAR.20*200 12.9
15024901	CASQ.D= 60/45,9/35*183mm.C/VAR.PORTAC.SN	60000281	TORN.ALLEN DIN-913 12* 14 12.9
15024902	ARAND.D=90/46*4mm.CEM.PORTAC.SN	60000339	TORN.EXAG.DIN-933 10* 30 8.8 ZINC.
15024910	SOP.GIRO PORTACAMBAS SN	60000356	TORN.EXAG.C/LAR.1"*240 SAE 12.9
15027900	SOP.ARTIC.CAMBA SBN	61000007	ARAND.DIN-9021 10 ZINC.
15028900	SOP.ARTIC.MARCADOR SBN	61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
15029900	SOP.ARTIC.CAMBA/RDA.SBN	61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
15127900	SOP.ARTIC.CAMBA SBN-L	62000011	PASADOR ELAST.DIN-1481 8* 50 ZINC.
15128900	SOP.ARTIC.MARCADOR SBN-L	90096950	MARCADOR TAJO 2P ZINC.
15129900	SOP.ARTIC.CAMBA/RDA.SBN-L	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150
53000004	ENGRASADOR AC° DIN-71412 8*125	95024902	CASQ.D= 35/26/30*60mm.CEM.PORTAC.
60000040	TORN.EXAG.DIN-931 20*230 8.8	95070900	CASQ.D= 60/50*70mm.CEM.ARTIC.SS/GIRO BAST.
60000096	TORN.EXAG.DIN-933 20* 50 8.8		

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BASTIDOR			
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15019902	BAST.SN-2-95	16019903	BAST.SHN-3-95
15019903	BAST.SN-3-95	16019904	BAST.SHN-4-95
15019904	BAST.SN-4-95	16019905	BAST.SHN-5-95
15019905	BAST.SN-5-95	16019906	BAST.SHN-6-95
15019906	BAST.SN-6-95	16019912	BAST.SHN-2-85
15019912	BAST.SN-2-85	16019913	BAST.SHN-3-85
15019913	BAST.SN-3-85	16019914	BAST.SHN-4-85
15019914	BAST.SN-4-85	16019915	BAST.SHN-5-85
15019915	BAST.SN-5-85	16019916	BAST.SHN-6-85
15019916	BAST.SN-6-85	16019922	BAST.SHN-2-105
15019922	BAST.SN-2-105	16019925	BAST.SHN-5-105
15019925	BAST.SN-5-105	16019934	BAST.SHN-4-95-(150-NO AMP.)
15019943	BAST.SN-3-105-(100-NO AMP.)	16019935	BAST.SHN-5-100
15019944	BAST.SN-4-105-(150-NO AMP.)	16019943	BAST.SHN-3-105-(100-NO AMP.)
15019953	BAST.SN-3-95-(150)	16019944	BAST.SHN-4-105-(150-NO AMP.)
15019954	BAST.SN-4-95-AMP	16019953	BAST.SHN-3-95-(150)
15019955	BAST.SN-5-95-AMP	16019954	BAST.SHN-4-95-AMP
15019963	BAST.SN-3-85-(150)	16019955	BAST.SHN-5-95-AMP
15019964	BAST.SN-4-85-AMP	16019964	BAST.SHN-4-85-AMP
15019965	BAST.SN-5-85-AMP	16019965	BAST.SHN-5-85-AMP
15019973	BAST.SN-3-105-(150)	16019973	BAST.SHN-3-105-(150)
15019974	BAST.SN-4-105-AMP	16019974	BAST.SHN-4-105-AMP.
16019902	BAST.SHN-2-95	16019984	BAST.SHN-4-100-AMP

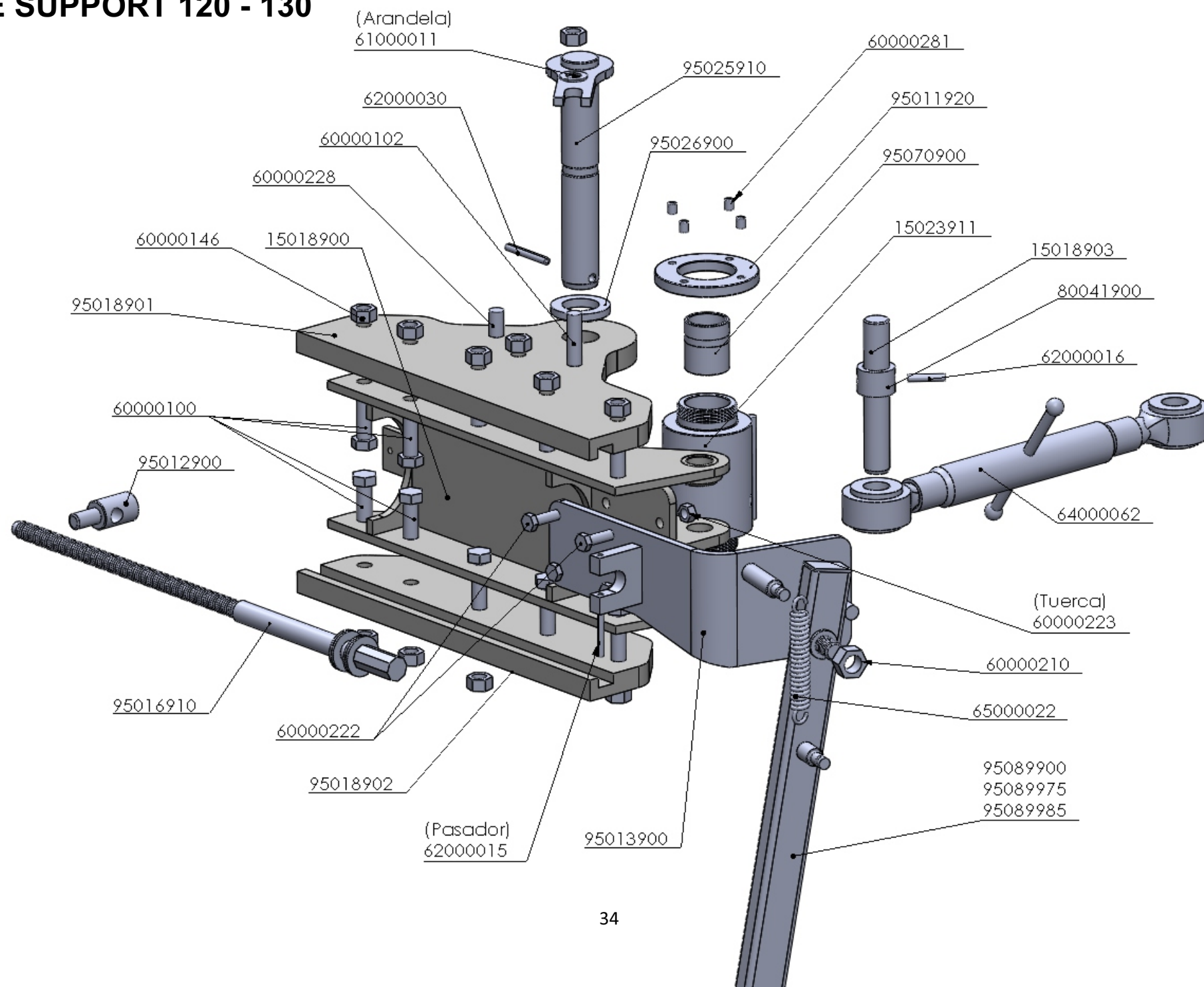
BIELA	
REFERENCIA	DESCRIPCIÓN
15021902	BIELA SN-2-95
15021903	BIELA SN-3-95
15021904	BIELA SN-4-95
15021905	BIELA SN-5-95
15021906	BIELA SN-6-95
15021912	BIELA SN-2-85
15021913	BIELA SN-3-85
15021914	BIELA SN-4-85
15021915	BIELA SN-5-85
15021916	BIELA SN-6-85
15021922	BIELA SN-2-105
15021923	BIELA SN-3-105
15021924	BIELA SN-4-105
15021925	BIELA SN-5-105
15021935	BIELA SN-5-100
15021943	BIELA SN-3-105-NO AMP.
15021954	BIELA SN-4-95-AMP.
15021955	BIELA SN-5-95-AMP.
15021964	BIELA SN-4-85-AMP.
15021965	BIELA SN-5-85-AMP.
15021974	BIELA SN-4-105-AMP.
15021984	BIELA SN-4-100-AMP.

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PLACA SUPERIOR	
REFERENCIA	DESCRIPCIÓN
15023903	PLACA SUP.SOP.GIRO BAST.SN-2-95
15023904	PLACA SUP.SOP.GIRO BAST.SN-3/4-95
15023905	PLACA SUP.SOP.GIRO BAST.SN-4A/5-95
15023906	PLACA SUP.SOP.GIRO BAST.SN-5A/6-95
15023913	PLACA SUP.SOP.GIRO BAST.SN-2-85
15023914	PLACA SUP.SOP.GIRO BAST.SN-3/4-85
15023915	PLACA SUP.SOP.GIRO BAST.SN-4A/5-85
15023916	PLACA SUP.SOP.GIRO BAST.SN-5A/6-85
15023923	PLACA SUP.SOP.GIRO BAST.SN-2-105
15023924	PLACA SUP.SOP.GIRO BAST.SN-3/4-105
15023925	PLACA SUP.SOP.GIRO BAST.SN-4A/5-105
15023935	PLACA SUP.SOP.GIRO BAST.SN-4A/5-100

PLACA INFERIOR	
REFERENCIA	DESCRIPCIÓN
15023953	PLACA INF.SOP.GIRO BAST.SN-2-95
15023954	PLACA INF.SOP.GIRO BAST.SN-3/4-95
15023955	PLACA INF.SOP.GIRO BAST.SN-4A/5-95
15023956	PLACA INF.SOP.GIRO BAST.SN-5A/6-95
15023963	PLACA INF.SOP.GIRO BAST.SN-2-85
15023964	PLACA INF.SOP.GIRO BAST.SN-3/4-85
15023965	PLACA INF.SOP.GIRO BAST.SN-4A/5-85
15023966	PLACA INF.SOP.GIRO BAST.SN-5A/6-85
15023973	PLACA INF.SOP.GIRO BAST.SN-2-105
15023974	PLACA INF.SOP.GIRO BAST.SN-3/4-105
15023975	PLACA INF.SOP.GIRO BAST.SN-4A/5-105
15023985	PLACA INF.SOP.GIRO BAST.SN-4A/5-100

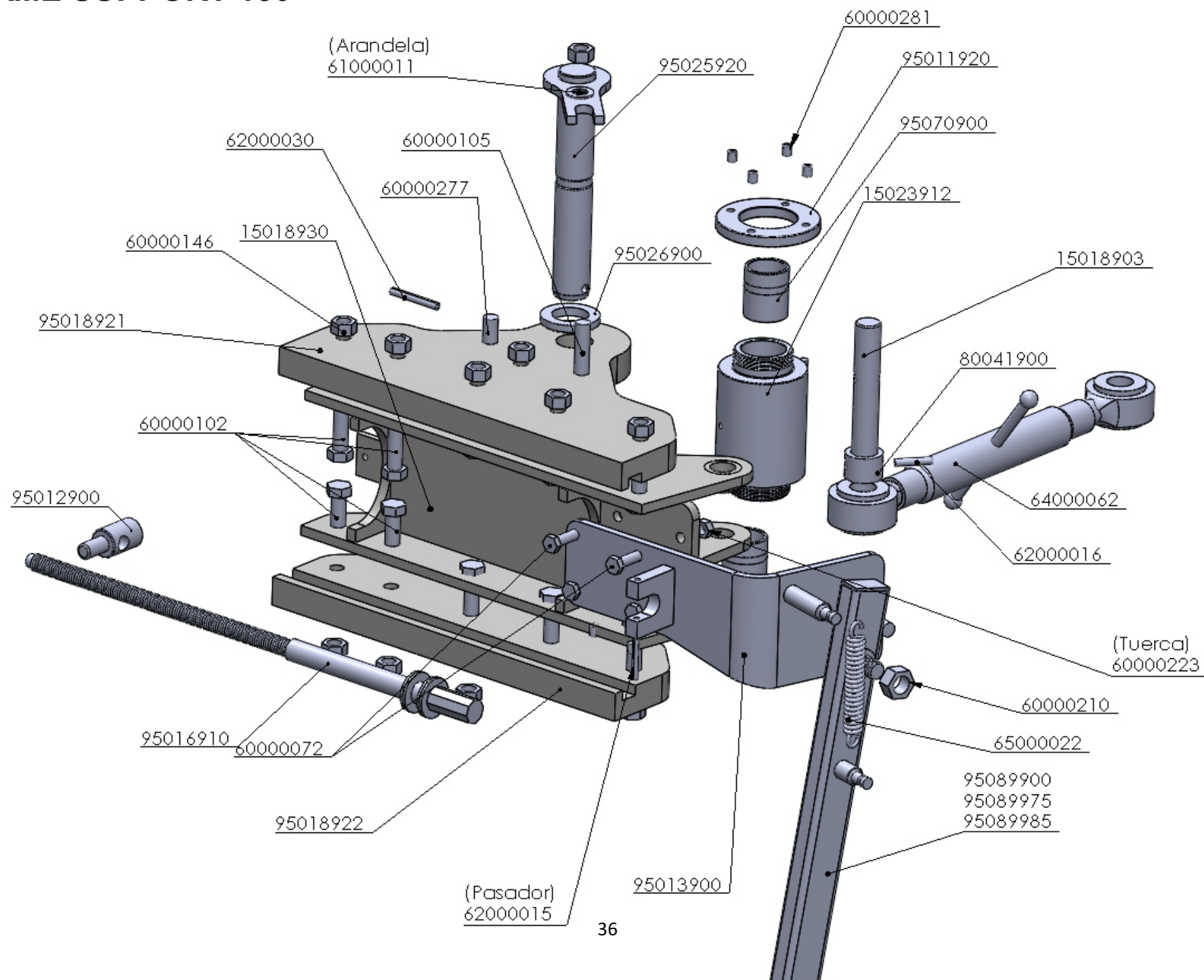
FRAME SUPPORT 120 - 130



FRAME SUPPORT 120 - 130

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15018900	SOP.BAST.INTERIOR SN-120	64000062	TENSOR C/ROT.D=35 30386 ZINC.
15018903	BULON D=34,6*215mm.TENSOR ANTER.SN + DACROMET	65000022	MUELLE TRACCIÓN 225/175*26*5 EECC 195mm
15023911	CASQ.GIRO BAST.SN-120 C/VARILLAS	80041900	SEP.B.P.51/36* 35mm.ZINC.C/TAL.
53000004	ENGRASADOR AC° DIN-71412 8*125	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150
60000100	TORN.EXAG.DIN-931 20* 70 8.8	95012900	TUERCA AJUSTE BASTIDOR EJE 120/150
60000102	TORN.EXAG.DIN-931 20* 80 8.8	95013900	SOP.PEON (D/02)
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	95016910	HUSILLO AJUSTE BASTIDOR 500mm (D/14)
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	95018901	PLACA SUP.SOP.BASTIDOR 120
60000222	TORN.EXAG.DIN-931/933 14* 40 8.8	95018902	PLACA INF.SOP.BASTIDOR 120
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	95025910	BULON D=50*322mm.GIRO BAST.S (D/03)
60000228	TORN.ALLEN DIN-7991 20* 70 12.9	95026900	ARAND.P/BULON GIRO BASTIDOR
60000281	TORN.ALLEN DIN-913 12* 14 12.9	95070900	CASQ.D= 60/50*70mm.CEM.ARTIC.SS/GIRO BAST.
61000011	ARAND.DIN-125 20 ZINC.	95089900	PEON REVERSIBLE D/70cm.(D/02) 75cm.SL (D/07)
62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.	95089975	PEON REVERSIBLE D/75cm. (D/02)
62000016	PASADOR ELAST.DIN-1481 10* 50 ZINC.	95089985	PEON REVERSIBLE D/85cm.(D/02)
62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.		

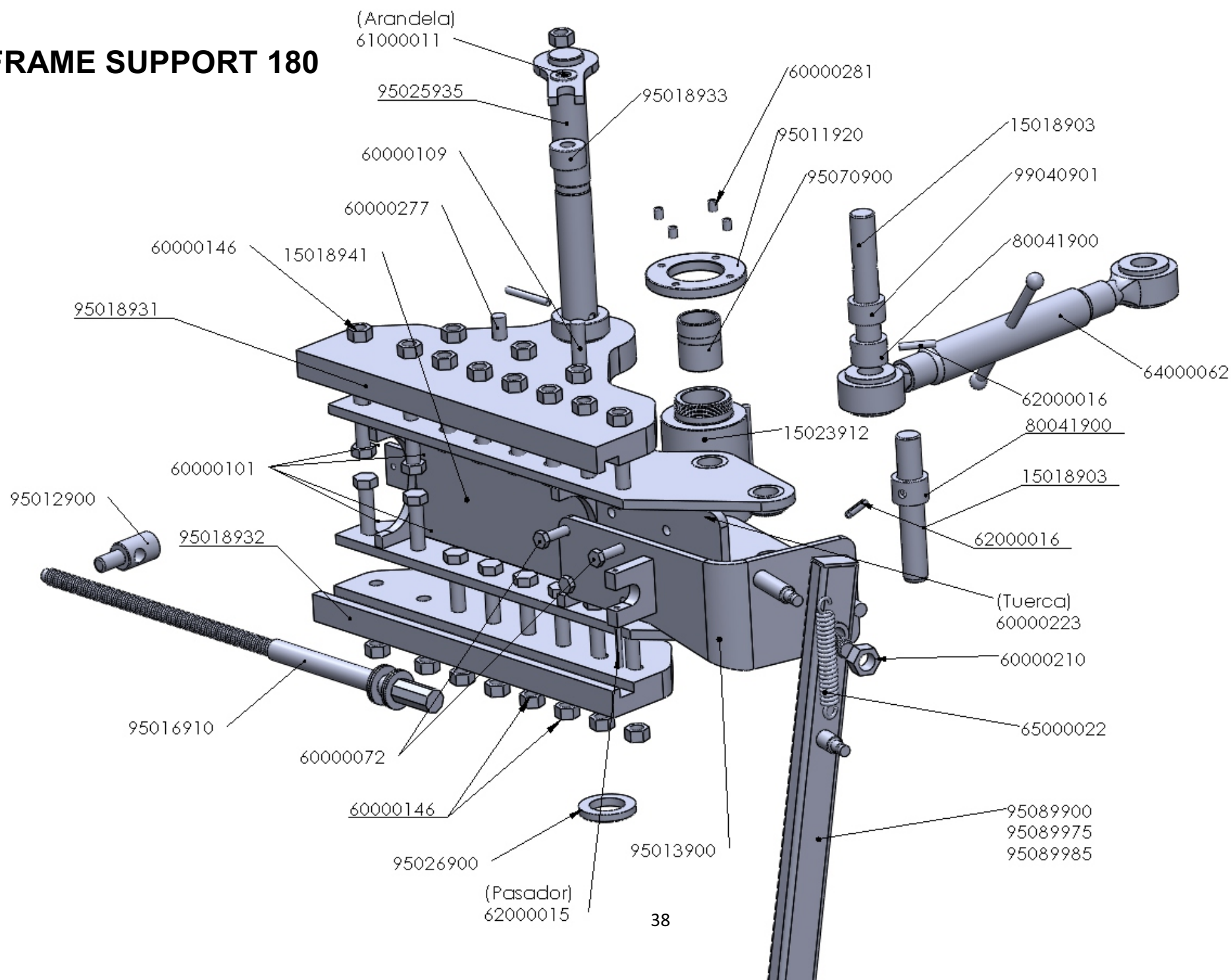
FRAME SUPPORT 150



FRAME SUPPORT 150

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15018903	BULON D=34,6*215mm.TENSOR ANTER.SN + DACROMET	64000062	TENSOR C/ROT.D=35 30386 ZINC.
15018930	SOP.BAST.INTERIOR SN-150	65000022	MUELLE TRACCIÓN 225/175*26*5 EECC 195mm
15023912	CASQ.GIRO BAST.SN-150 C/VARILLAS	80041900	SEP.B.P.51/36* 35mm.ZINC.C/TAL.
53000004	ENGRASADOR AC° DIN-71412 8*125	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150
60000072	TORN.EXAG.DIN-931 14* 50 8.8	95012900	TUERCA AJUSTE BASTIDOR EJE 120/150
60000102	TORN.EXAG.DIN-931 20* 80 8.8	95013900	SOP.PEON (D/02)
60000105	TORN.EXAG.DIN-931 20* 90 8.8	95016910	HUSILLO AJUSTE BASTIDOR 500mm (D/14)
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	95018921	PLACA SUP.SOP.BASTIDOR 140/150
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	95018922	PLACA INF.SOP.BASTIDOR 140/150
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	95025920	BULON D=50*342mm.GIRO BAST.S-5 (D/03)
60000277	TORN.ALLEN DIN-7991 20* 80 12.9	95026900	ARAND.P/BULON GIRO BASTIDOR
60000281	TORN.ALLEN DIN-913 12* 14 12.9	95070900	CASQ.D= 60/50*70mm.CEM.ARTIC.SS/GIRO BAST.
61000011	ARAND.DIN-125 20 ZINC.	95089900	PEON REVERSIBLE D/70cm.(D/02) 75cm.SL (D/07)
62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.	95089975	PEON REVERSIBLE D/75cm. (D/02)
62000016	PASADOR ELAST.DIN-1481 10* 50 ZINC.	95089985	PEON REVERSIBLE D/85cm.(D/02)
62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.		

FRAME SUPPORT 180

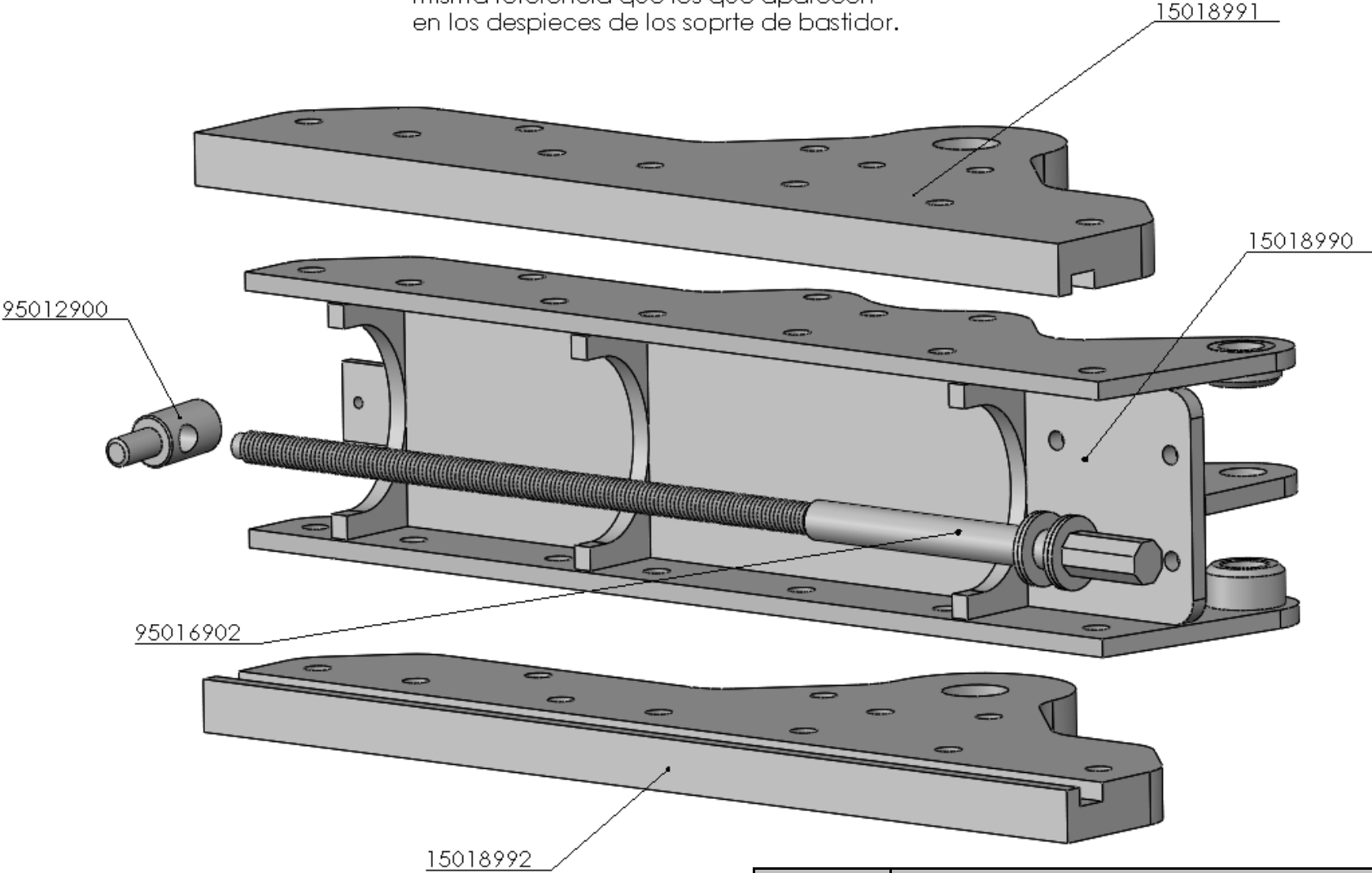


FRAME SUPPORT 180

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15018903	BULON D=34,6*215mm.TENSOR ANTER.SN + DACROMET	65000022	MUELLE TRACCIÓN 225/175*26*5 EECC 195mm
15018941	SOP.BAST.INTERIOR SN-6 (D/12)	80041900	SEP.B.P.51/36* 35mm.ZINC.C/TAL.
15023912	CASQ.GIRO BAST.SN-150 C/VARILLAS	95011920	CONTRATUERCA EJE CABEZAL 110 (D-07)/120/150
53000004	ENGRASADOR AC° DIN-71412 8*125	95012900	TUERCA AJUSTE BASTIDOR EJE 120/150
60000072	TORN.EXAG.DIN-931 14* 50 8.8	95013900	SOP.PEON (D/02)
60000101	TORN.EXAG.DIN-931 20* 80 10.9 ZINC.	95016910	HUSILLO AJUSTE BASTIDOR 500mm (D/14)
60000109	TORN.EXAG.DIN-931 20*120 8.8	95018931	PLACA SUP.SOP.BASTIDOR SN-6
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	95018932	PLACA INF.SOP.BASTIDOR SN-6
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	95018933	CASQ.D= 50/21*30mm.FRENO BULON SN-6
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	95025935	BULON D=50*402mm.GIRO BAST.SN-6
60000277	TORN.ALLEN DIN-7991 20* 80 12.9	95026900	ARAND.P/BULON GIRO BASTIDOR
60000281	TORN.ALLEN DIN-913 12* 14 12.9	95070900	CASQ.D= 60/50*70mm.CEM.ARTIC.SS/GIRO BAST.
61000011	ARAND.DIN-125 20 ZINC.	95089900	PEON REVERSIBLE D/70cm.(D/02) 75cm.SL (D/07)
62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.	95089975	PEON REVERSIBLE D/75cm. (D/02)
62000016	PASADOR ELAST.DIN-1481 10* 50 ZINC.	95089985	PEON REVERSIBLE D/85cm.(D/02)
62000030	PASADOR ELAST.DIN-1481 10* 80 ZINC.	99040901	SEP.B.P.51/36* 30mm.ZINC.
64000062	TENSOR C/ROT.D=35 30386 ZINC.		

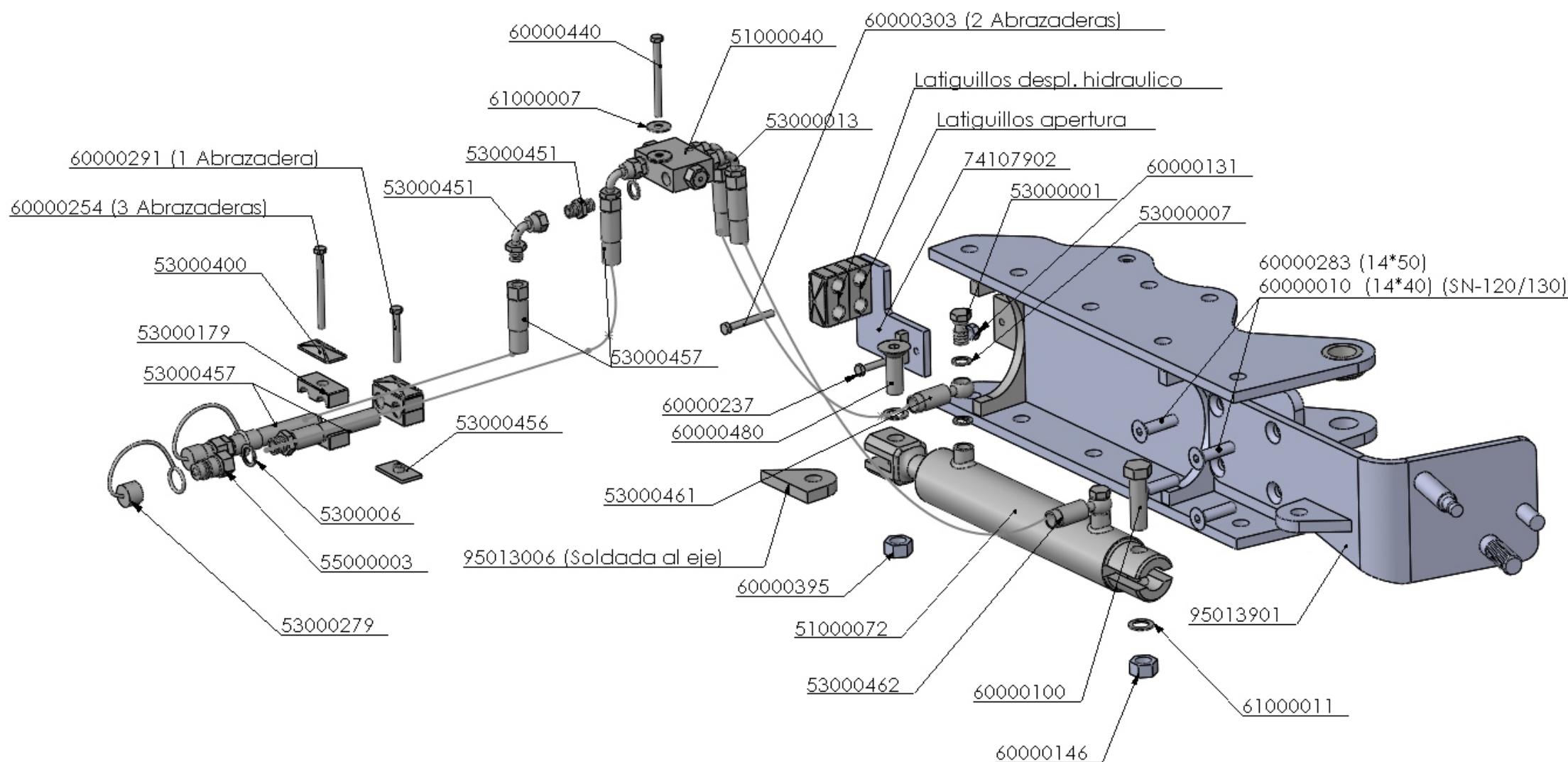
SUPL. FRAME SUPPORT 150 / 800

Las tuercas y tornillos de unión de las placas con el soporte bastidor tienen la misma referencia que los que aparecen en los despieces de los soprte de bastidor.



REFERENCIA	DESCRIPCIÓN
15018992	PLACA INF.SOP.BASTIDOR 150/800
15018990	SOP.BAST.INTERIOR SN-150/800
15018991	PLACA SUP.SOP.BASTIDOR 150/800
95012900	TUERCA AJUSTE BASTIDOR EJE 120/150
95016902	HUSILLO AJUSTE BASTIDOR 700mm

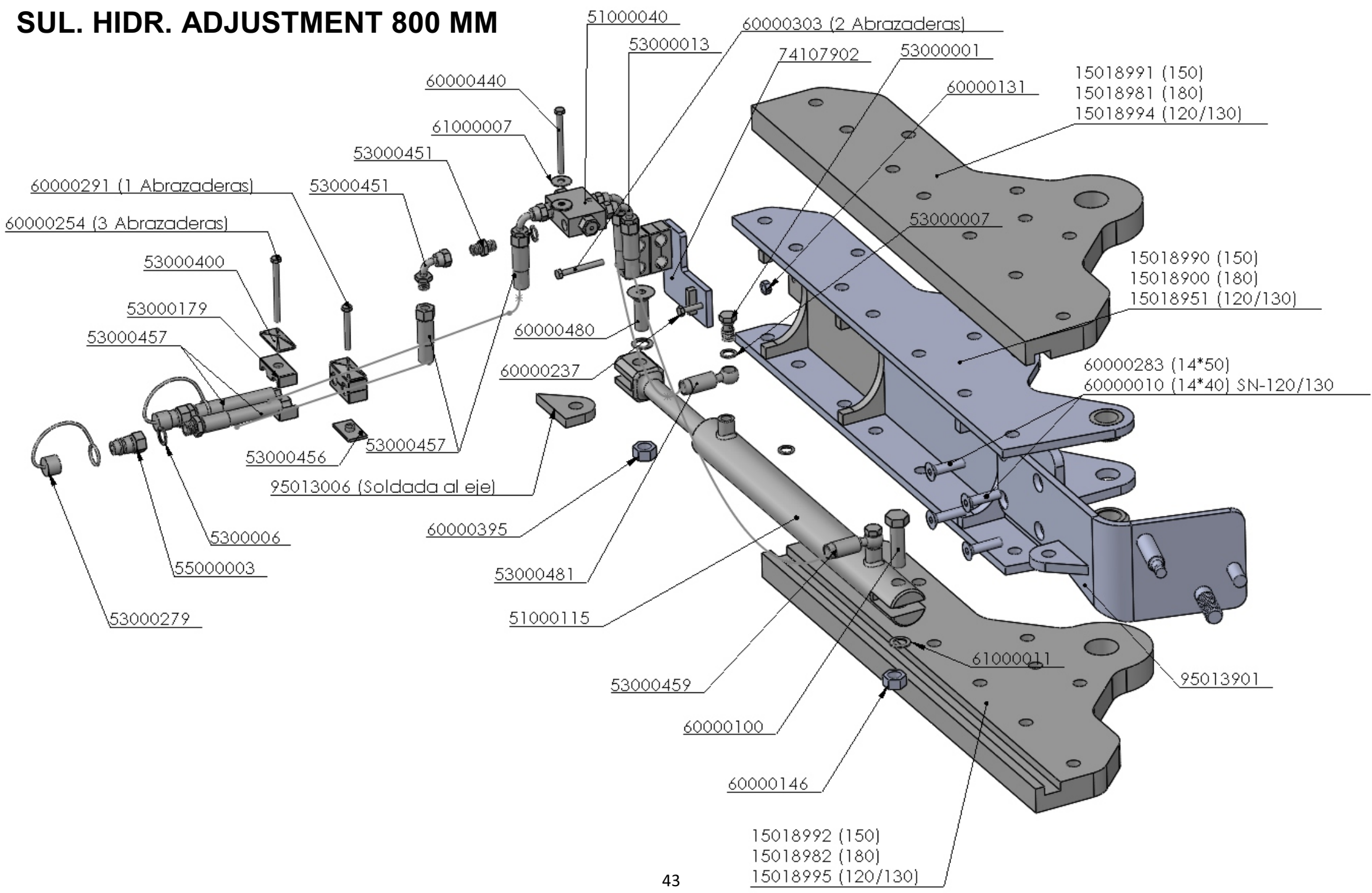
SUP. HIDR. ADJUSTMENT 600 MM



SUP. HIDR. ADJUSTMENT 600 MM

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
51000040	VALV.BLOQUEO ZINC.3/8 VBPDE-3/8-A	60000100	TORN.EXAG.DIN-931 20* 70 8.8
51000072	CILIND.DESPL.C/HORQ.50/30/215	60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.
53000001	TORNILLO SIMPLE 3/8 4022	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
53000006	JUNTA METAL/GOMA 1/2" 11603	60000237	TORN.EXAG.DIN-933 8* 35 8.8 ZINC.
53000007	JUNTA METAL/GOMA 3/8" 11602	60000254	TORN.EXAG.DIN-931 8*100 8.8 ZINC.
53000013	CODO 90° M/H-3/8" 4292	60000283	TORN.ALLEN DIN-7991 14* 50 10.9
53000015	UNION MACHO 3/8 4062	60000291	TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.
53000179	ABRAZ.DOBLE D=15mm. 215-15PP	60000303	TORN.EXAG.DIN-931 8* 65 8.8 ZINC.
53000230	M.PROTECCION TUBO HELICOIDAL 20-25	60000395	TUER.AUTO.DIN-980 20 8.8 BAJA ZINC.
53000279	PROTECTOR E.R.MACHO 1/2" VERDE 5029-4PG	60000440	TORN.EXAG.DIN-931 8*140 8.8 ZINC.
53000451	CODO 45° C/TCA.LOCA 3/8 S952-17	60000480	TORN.ALLEN DIN-7991 20* 55 12.9
53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D	61000007	ARAND.DIN-9021 10 ZINC.
53000457	LATIG.R2-1/4*1500mm.MF-1/2/TL-3/8	61000011	ARAND.DIN-125 20 ZINC.
53000461	LATIG.MF210-1/4*1730mm.OR-3/8/TL-3/8	62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.
53000462	LATIG.MF210-1/4*1980mm.OR-3/8/TL-3/8	74107902	PLACA PROLONGACION SOP.LATIG.
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108	95013901	SOP.PEON P/DESPL.HID.(P/02)
60000010	TORN.ALLEN DIN-7991 14* 40 10.9 ZINC.		

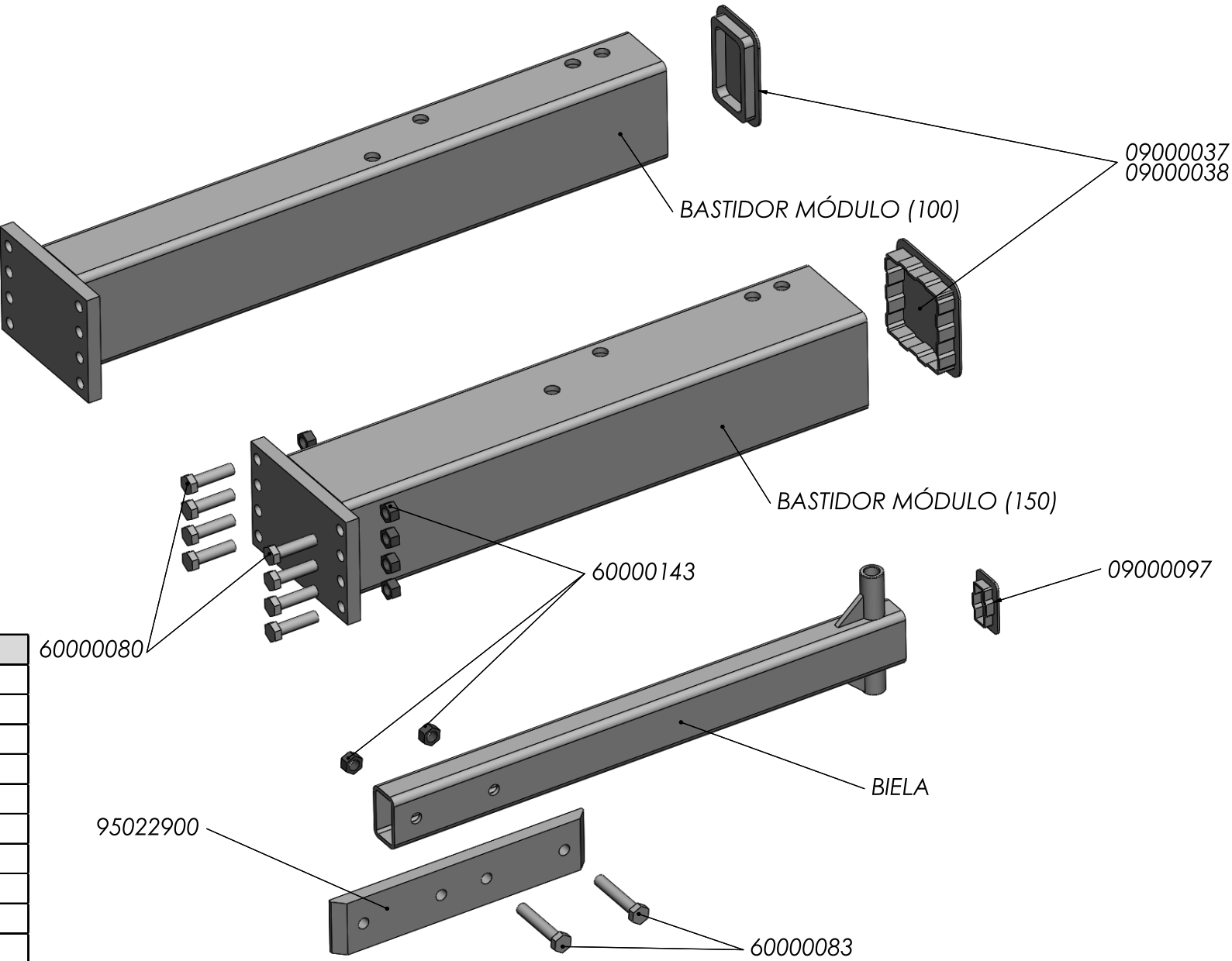
SUL. HIDR. ADJUSTMENT 800 MM



SUL. HIDR. ADJUSTMENT 800 MM

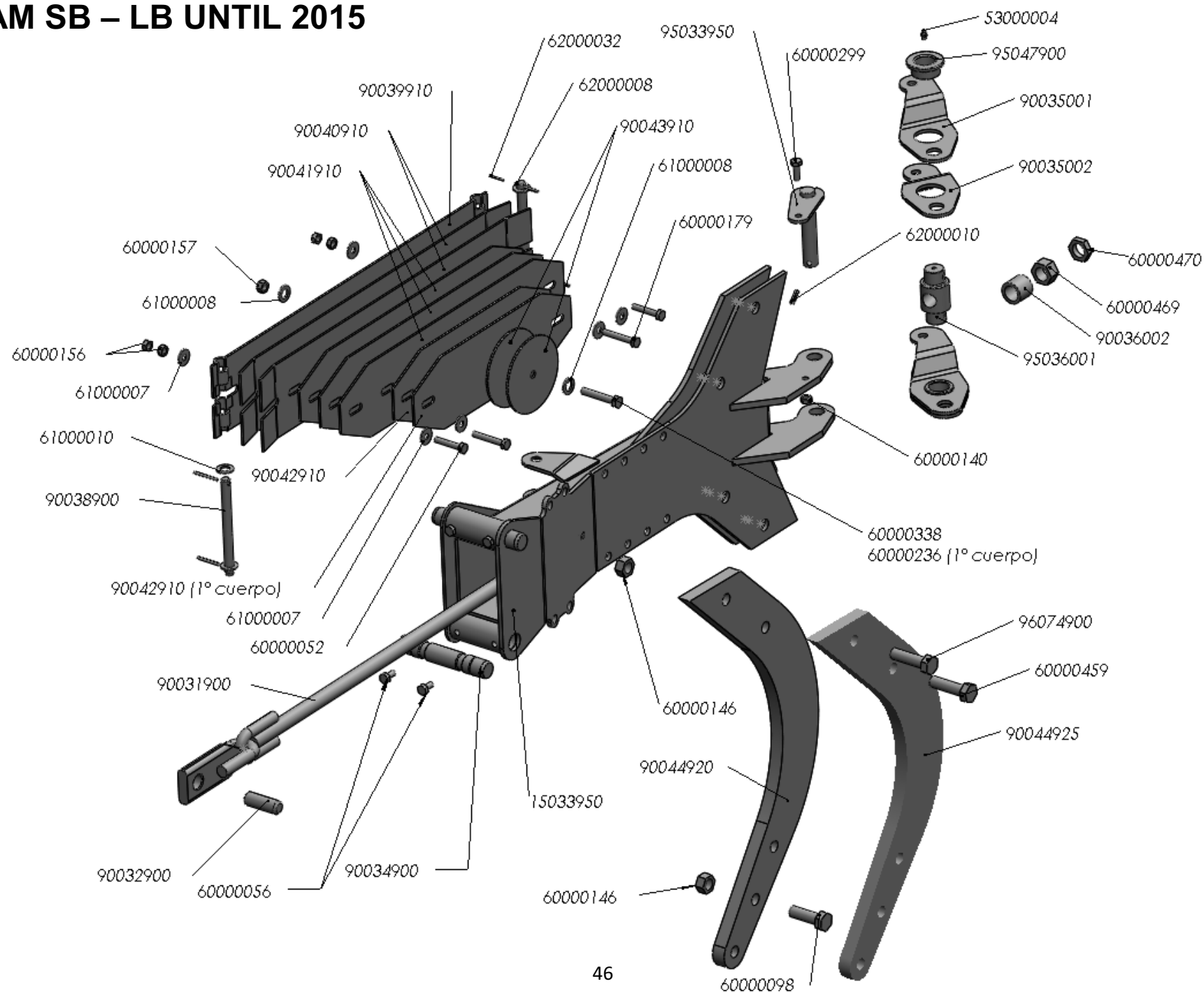
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15018900	SOP.BAST.INTERIOR SN-120	53000459	LATIG.MF210-1/4*2580mm.OR-3/8/TL-3/8
15018951	SOP.BAST.INTERIOR SN-6-800 (D/12)	53000481	LATIG.MF210-1/4*2155mm.OR-3/8/TL-3/8
15018981	PLACA SUP.SOP.BASTIDOR 180/800	55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
15018982	PLACA INF.SOP.BASTIDOR 180/800	60000010	TORN.ALLEN DIN-7991 14* 40 10.9 ZINC.
15018990	SOP.BAST.INTERIOR SN-150/800	60000100	TORN.EXAG.DIN-931 20* 70 8.8
15018991	PLACA SUP.SOP.BASTIDOR 150/800	60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.
15018992	PLACA INF.SOP.BASTIDOR 150/800	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15018994	PLACA SUP.SOP.BASTIDOR 120/800	60000237	TORN.EXAG.DIN-933 8* 35 8.8 ZINC.
15018995	PLACA INF.SOP.BASTIDOR 120/800	60000254	TORN.EXAG.DIN-931 8*100 8.8 ZINC.
51000040	VALV.BLOQUEO ZINC.3/8 VBPDE-3/8-A	60000283	TORN.ALLEN DIN-7991 14* 50 10.9
51000115	CILIND.DESPL.C/HORQ.50/30/400	60000291	TORN.EXAG.DIN-931/933 8* 40 8.8 ZINC.
53000001	TORNILLO SIMPLE 3/8 4022	60000303	TORN.EXAG.DIN-931 8* 65 8.8 ZINC.
53000006	JUNTA METAL/GOMA 1/2" 11603	60000395	TUER.AUTO.DIN-980 20 8.8 BAJA ZINC.
53000007	JUNTA METAL/GOMA 3/8" 11602	60000440	TORN.EXAG.DIN-931 8*140 8.8 ZINC.
53000013	CODO 90° M/H-3/8" 4292	60000480	TORN.ALLEN DIN-7991 20* 55 12.9
53000015	UNION MACHO 3/8 4062	61000007	ARAND.DIN-9021 10 ZINC.
53000179	ABRAZ.DOBLE D=15mm. 215-15PP	61000011	ARAND.DIN-125 20 ZINC.
53000230	M.PROTECCION TUBO HELICOIDAL 20-25	62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.
53000279	PROTECTOR E.R.MACHO 1/2" VERDE 5029-4PG	74107902	PLACA PROLONGACION SOP.LATIG.
53000451	CODO 45° C/TCA.LOCA 3/8 S952-17	95013901	SOP.PEON P/DESPL.HID.(P/02)
53000457	LATIG.R2-1/4*1500mm.MF-1/2/TL-3/8		

ADDITIONAL BODY



REFERENCIA	DESCRIPCIÓN
9000037	TAPON GOMA 150*100*10mm.
9000038	TAPON GOMA 150*150*10mm.
9000097	TAPON GOMA 80* 50* 6mm.
15019901	BAST.SN-1-95-(100)
15019911	BAST.SN-1-85-(100)
15019921	BAST.SN-1-105-(100)
15019951	BAST.SN-1-95-(150)
15019961	BAST.SN-1-85-(150)
15019971	BAST.SN-1-105-(150)
15021901	BIELA SN-1-95
15021911	BIELA SN-1-85
15021921	BIELA SN-1-105
60000080	TORN.EXAG.DIN-931 16* 60 8.8 ZINC.
60000083	TORN.EXAG.DIN-931 16* 90 8.8
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
95022900	PLACA CONEX.BIELA MODULO S

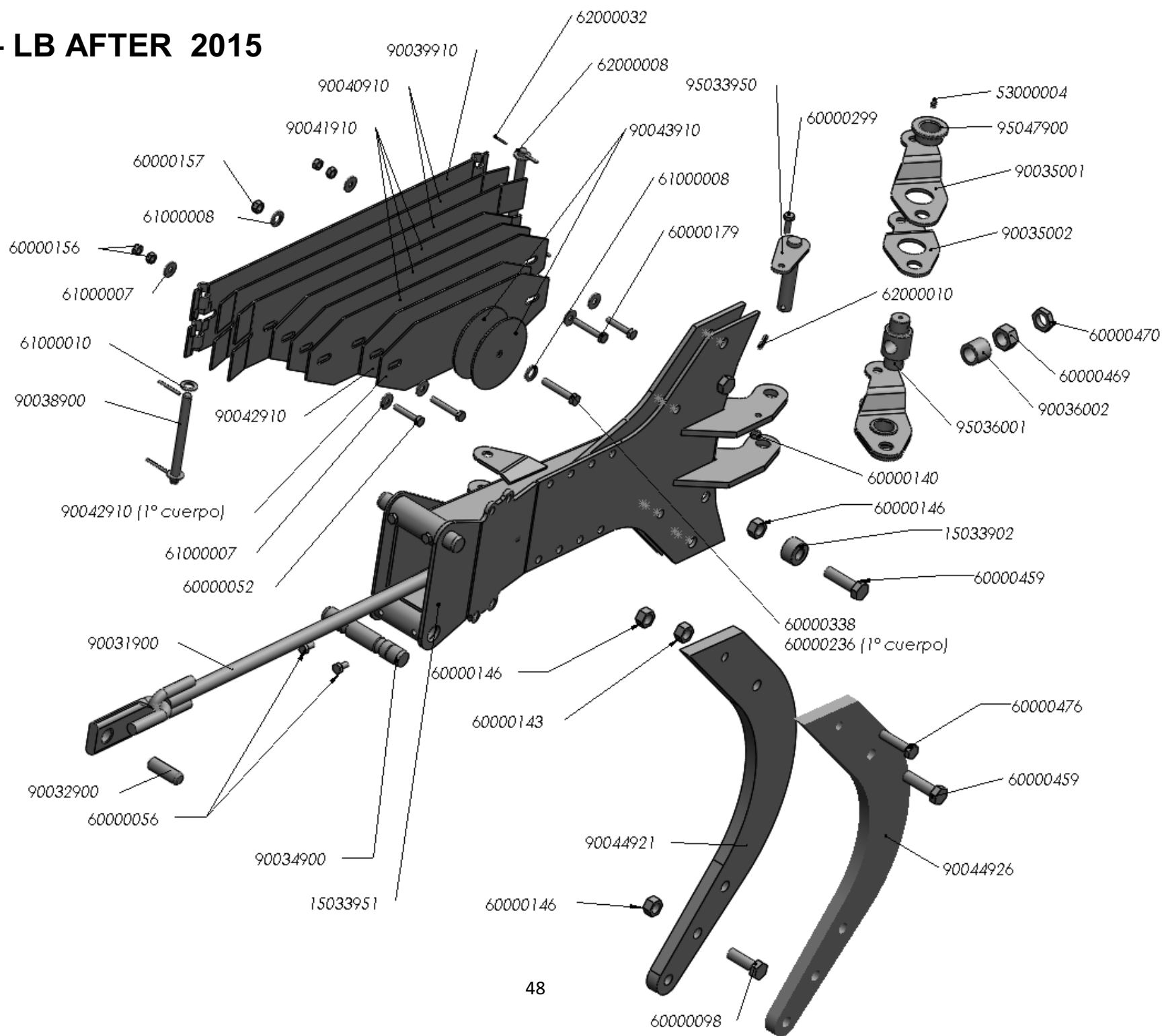
BEAM SB – LB UNTIL 2015



BEAM SB – LB UNTIL 2015

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15033950	BRAZO PORTACAMBA SB (D/13)	62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
53000004	ENGRASADOR AC° DIN-71412 8*125	62000032	PASADOR ELAST.DIN-1481 3* 30 ZINC.
60000052	TORN.EXAG.DIN-931 10* 55 10.9 ZINC.	90031900	BARRA TENSORA
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
60000098	TORN.EXAG.DIN-931 20* 60 8.8	90034900	BULON APOYO ANCORA
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	90035001	BIELA HORQUILLA DCH.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	90035002	BIELA HORQUILLA IZQD.
60000156	TUER.EXAG.DIN-934 10 8.8 ZINC.	90036002	SEP.B.P.40/28* 35mm.
60000157	TUER.EXAG.DIN-934 12 8.8 ZINC.	90038900	PASADOR BALLESTA DACROMET
60000179	TORN.EXAG.DIN-931 10* 60 10.9 ZINC.	90039910	BALLESTA MAESTRA VERDE RAL-6029
60000236	TORN.EXAG.DIN-933 12* 70 10.9 ZINC.	90040910	BALLESTA 1er.RFZO.VERDE RAL-6029
60000299	TORN.EXAG.DIN-933 10* 30 8.8	90041910	BALLESTA 2° RFZO.VERDE RAL-6029
60000338	TORN.EXAG.DIN-931 12* 65 10.9 ZINC.	90042910	BALLESTA 3er.RFZO.VERDE RAL-6029
60000459	TORN.EXAG.C/LAR. 20* 70 10.9	90043910	BALLESTA BOTON VERDE RAL-6029
60000469	TUER.EXAG.DIN-934 1"SAE 10.9 ZINC.	90044920	CAMBA SB 25mm 75cm DESPEJE.
60000470	TUER.BAJA DIN-936 1"SAE 10.9 ZINC.	90044925	CAMBA SB 25mm
61000007	ARAND.DIN-9021 10 ZINC.	95033950	BULON GIRO HORQ.(D/04)
61000008	ARAND.DIN-125 12 ZINC.	95036001	BULON ARTIC.HORQUILLA (D/99)
61000010	ARAND.DIN-125 16 ZINC.	95047900	CASQ.D= 65/49,3/35*25,5mm.GIRO HORQUILLA
62000008	PASADOR ELAST.DIN-1481 5* 30 ZINC.	96074900	TORN.FUSIBLE 20*70 10.9

BEAM SB – LB AFTER 2015



BEAM SB – LB AFTER 2015

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15033951	BRAZO PORTACAMBA SB (D/15)	62000008	PASADOR ELAST.DIN-1481 5* 30 ZINC.
53000004	ENGRASADOR AC° DIN-71412 8*125	62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
60000052	TORN.EXAG.DIN-931 10* 55 10.9 ZINC.	62000032	PASADOR ELAST.DIN-1481 3* 30 ZINC.
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90031900	BARRA TENSORA
60000098	TORN.EXAG.DIN-931 20* 60 8.8	90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	90034900	BULON APOYO ANCORA
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	90035001	BIELA HORQUILLA DCH.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	90035002	BIELA HORQUILLA IZQD.
60000156	TUER.EXAG.DIN-934 10 8.8 ZINC.	90036002	SEP.B.P.40/28* 35mm.
60000157	TUER.EXAG.DIN-934 12 8.8 ZINC.	90038900	PASADOR BALLESTA DACROMET
60000179	TORN.EXAG.DIN-931 10* 60 10.9 ZINC.	90039910	BALLESTA MAESTRA VERDE RAL-6029
60000236	TORN.EXAG.DIN-933 12* 70 10.9 ZINC.	90040910	BALLESTA 1er.RFZO.VERDE RAL-6029
60000299	TORN.EXAG.DIN-933 10* 30 8.8	90041910	BALLESTA 2° RFZO.VERDE RAL-6029
60000338	TORN.EXAG.DIN-931 12* 65 10.9 ZINC.	90042910	BALLESTA 3er.RFZO.VERDE RAL-6029
60000459	TORN.EXAG.C/LAR. 20* 70 10.9	90043910	BALLESTA BOTON VERDE RAL-6029
60000469	TUER.EXAG.DIN-934 1"SAE 10.9 ZINC.	90044921	CAMBA SB 25mm 75cm DESPEJE. (D/15)
60000470	TUER.BAJA DIN-936 1"SAE 10.9 ZINC.	90044926	CAMBA SB 25mm (D/15)
60000476	TORN.EXAG.C/LAR. 16* 65 10.9 (FUSIBLE)	95033950	BULON GIRO HORQ.(D/04)
61000007	ARAND.DIN-9021 10 ZINC.	95036001	BULON ARTIC.HORQUILLA (D/99)
61000008	ARAND.DIN-125 12 ZINC.	95047900	CASQ.D= 65/49,3/35*25,5mm.GIRO HORQUILLA
61000010	ARAND.DIN-125 16 ZINC.		

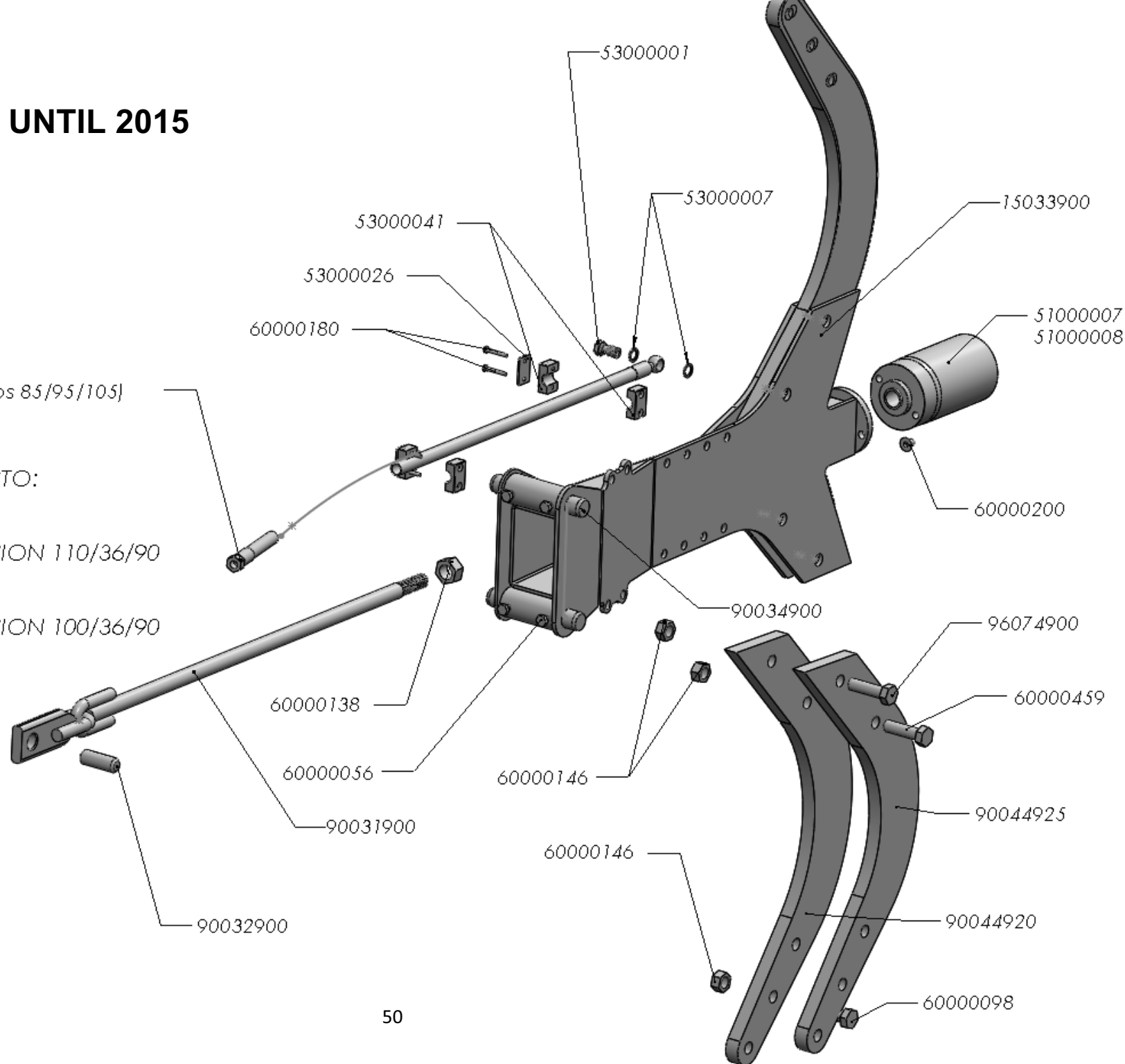
BEAM SH – LH UNTIL 2015

53000072 [1º Cuerpo-85]
 53000044 [1º Cuerpo-95]
 53000243 [1º Cuerpo-105]
 53000031 [Resto de Cuerpos 85/95/105]

COMPONENTES PARA REPUESTO:

REF: 51000030
 Juego de JUNTAS CIL. TRACCION 110/36/90

REF: 51000031
 Juego de JUNTAS CIL. TRACCION 100/36/90



BEAM SH – LH UNTIL 2015

REFERENCIA	DESCRIPCIÓN
15033900	BRAZO PORTACAMBA SH (D/13)
51000007	CILIND.TRACCION 110/36/90 AR
51000008	CILIND.TRACCION 100/36/90 AR
53000001	TORNILLO SIMPLE 3/8 4022
53000007	JUNTA METAL/GOMA 3/8" 11602
53000026	PLACA RFZO.AB.SIMPLE 20 DP3
53000031	LATIG.R2-3/8*1300mm.OR-3/8/TL-18
53000041	ABRAZ.SIMPLE D=19mm. 319PP
53000044	LATIG.R2-3/8*1900mm.OR-3/8/TL-18
53000072	LATIG.R2-3/8*1800mm.OR-3/8/TL-18
53000243	LATIG.R2-3/8*2000mm.OR-3/8/TL-18
60000056	TORN.EXAG.DIN-933 12* 20 12.9
60000098	TORN.EXAG.DIN-931 20* 60 8.8
60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
60000180	TORN.EXAG.DIN-931 6* 40 8.8 ZINC.
60000200	TORN.ALLEN DIN-912 12* 25 8.8 ZINC.
60000459	TORN.EXAG.C/LAR. 20* 70 10.9
90031900	BARRA TENSORA
90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
90034900	BULON APOYO ANCORA
90044920	CAMBA SB 25mm 75cm DESPEJE.
90044925	CAMBA SB 25mm
96074900	TORN.FUSIBLE 20*70 10.9

BEAM SH – LH AFTER 2015

COMPONENTES PARA REPUESTO:

REF: 51000030

Juego de JUNTAS CIL. TRACCION 110/36/90

REF: 51000031

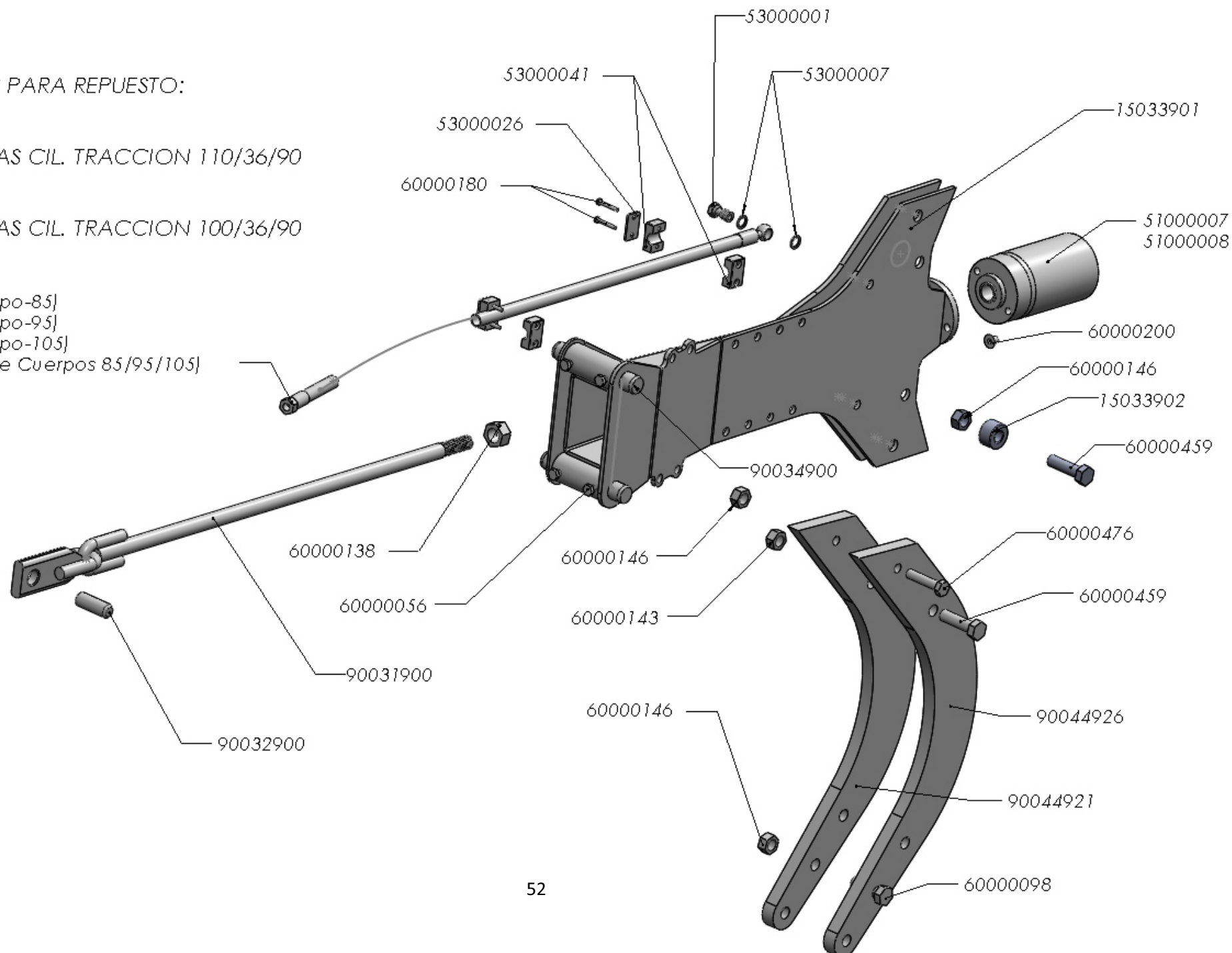
Juego de JUNTAS CIL. TRACCION 100/36/90

53000072 {1º Cuerpo-85}

53000044 {1º Cuerpo-95}

53000243 {1º Cuerpo-105}

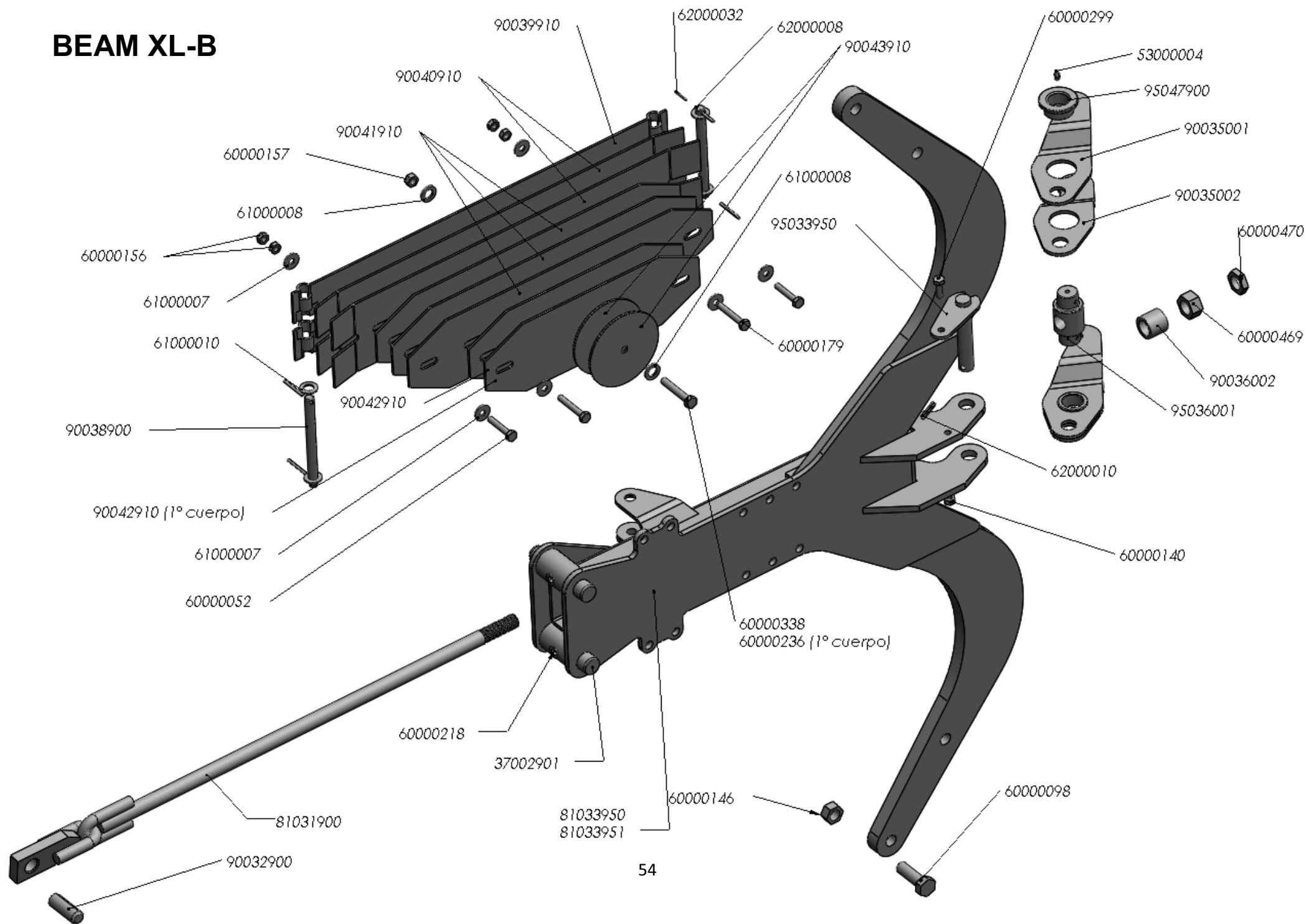
53000031 {Resto de Cuerpos 85/95/105}



BEAM SH – LH AFTER 2015

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15033900	BRAZO PORTACAMBA SH (D/13)	60000098	TORN.EXAG.DIN-931 20* 60 8.8
15033902	CASQ.D= 45/20,5*26mm.PORTACAMBA SB	60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
51000007	CILIND.TRACCION 110/36/90 AR	60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
51000008	CILIND.TRACCION 100/36/90 AR	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
53000001	TORNILLO SIMPLE 3/8 4022	60000180	TORN.EXAG.DIN-931 6* 40 8.8 ZINC.
53000007	JUNTA METAL/GOMA 3/8" 11602	60000200	TORN.ALLEN DIN-912 12* 25 8.8 ZINC.
53000026	PLACA RFZO.AB.SIMPLE 20 DP3	60000459	TORN.EXAG.C/LAR. 20* 70 10.9
53000031	LATIG.R2-3/8*1300mm.OR-3/8/TL-18	60000476	TORN.EXAG.C/LAR. 16* 65 10.9 (FUSIBLE)
53000041	ABRAZ.SIMPLE D=19mm. 319PP	90031900	BARRA TENSORA
53000044	LATIG.R2-3/8*1900mm.OR-3/8/TL-18	90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
53000072	LATIG.R2-3/8*1800mm.OR-3/8/TL-18	90034900	BULON APOYO ANCORA
53000243	LATIG.R2-3/8*2000mm.OR-3/8/TL-18	90034900	BULON APOYO ANCORA
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90044921	CAMBA SB 25mm 75cm DESPEJE. (D/15)
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90044926	CAMBA SB 25mm (D/15)

BEAM XL-B



BEAM XL-B

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
37002901	BULON APOYO ANCORA MR	62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
53000004	ENGRASADOR AC° DIN-71412 8*125	62000032	PASADOR ELAST.DIN-1481 3* 30 ZINC.
60000052	TORN.EXAG.DIN-931 10* 55 10.9 ZINC.	81031900	BARRA TENSORA LVH
60000098	TORN.EXAG.DIN-931 20* 60 8.8	81033950	BRAZO PORTACAMBA LVB
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	81033951	BRAZO PORTACAMBA LVB-76
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
60000156	TUER.EXAG.DIN-934 10 8.8 ZINC.	90035001	BIELA HORQUILLA DCH.
60000157	TUER.EXAG.DIN-934 12 8.8 ZINC.	90035002	BIELA HORQUILLA IZQD.
60000179	TORN.EXAG.DIN-931 10* 60 10.9 ZINC.	90036002	SEP.B.P.40/28* 35mm.
60000218	TORN.ALLEN DIN-913 12* 16 12.9	90038900	PASADOR BALLESTA DACROMET
60000236	TORN.EXAG.DIN-933 12* 70 10.9 ZINC.	90039910	BALLESTA MAESTRA VERDE RAL-6029
60000299	TORN.EXAG.DIN-933 10* 30 8.8	90040910	BALLESTA 1er.RFZO.VERDE RAL-6029
60000338	TORN.EXAG.DIN-931 12* 65 10.9 ZINC.	90041910	BALLESTA 2° RFZO.VERDE RAL-6029
60000469	TUER.EXAG.DIN-934 1"SAE 10.9 ZINC.	90042910	BALLESTA 3er.RFZO.VERDE RAL-6029
60000470	TUER.BAJA DIN-936 1"SAE 10.9 ZINC.	90043910	BALLESTA BOTON VERDE RAL-6029
61000007	ARAND.DIN-9021 10 ZINC.	95033950	BULON GIRO HORQ.(D/04)
61000008	ARAND.DIN-125 12 ZINC.	95036001	BULON ARTIC.HORQUILLA (D/99)
61000010	ARAND.DIN-125 16 ZINC.	95047900	CASQ.D= 65/49,3/35*25,5mm.GIRO HORQUILLA
62000008	PASADOR ELAST.DIN-1481 5* 30 ZINC.		

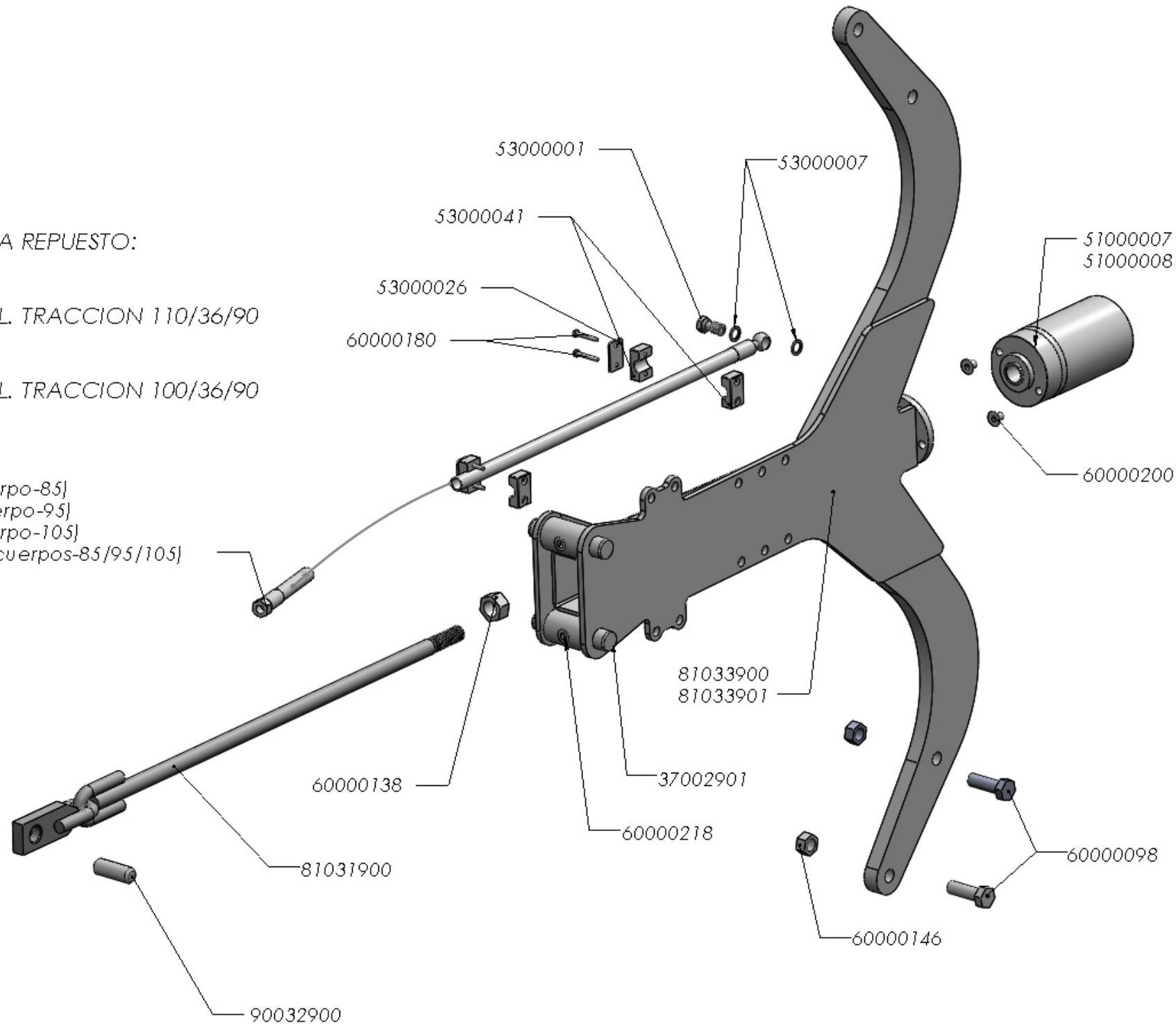
BEAM XL-H

COMPONENTES PARA REPUESTO:

REF: 51000030
Juego de JUNTAS CIL. TRACCION 110/36/90

REF: 51000031
Juego de JUNTAS CIL. TRACCION 100/36/90

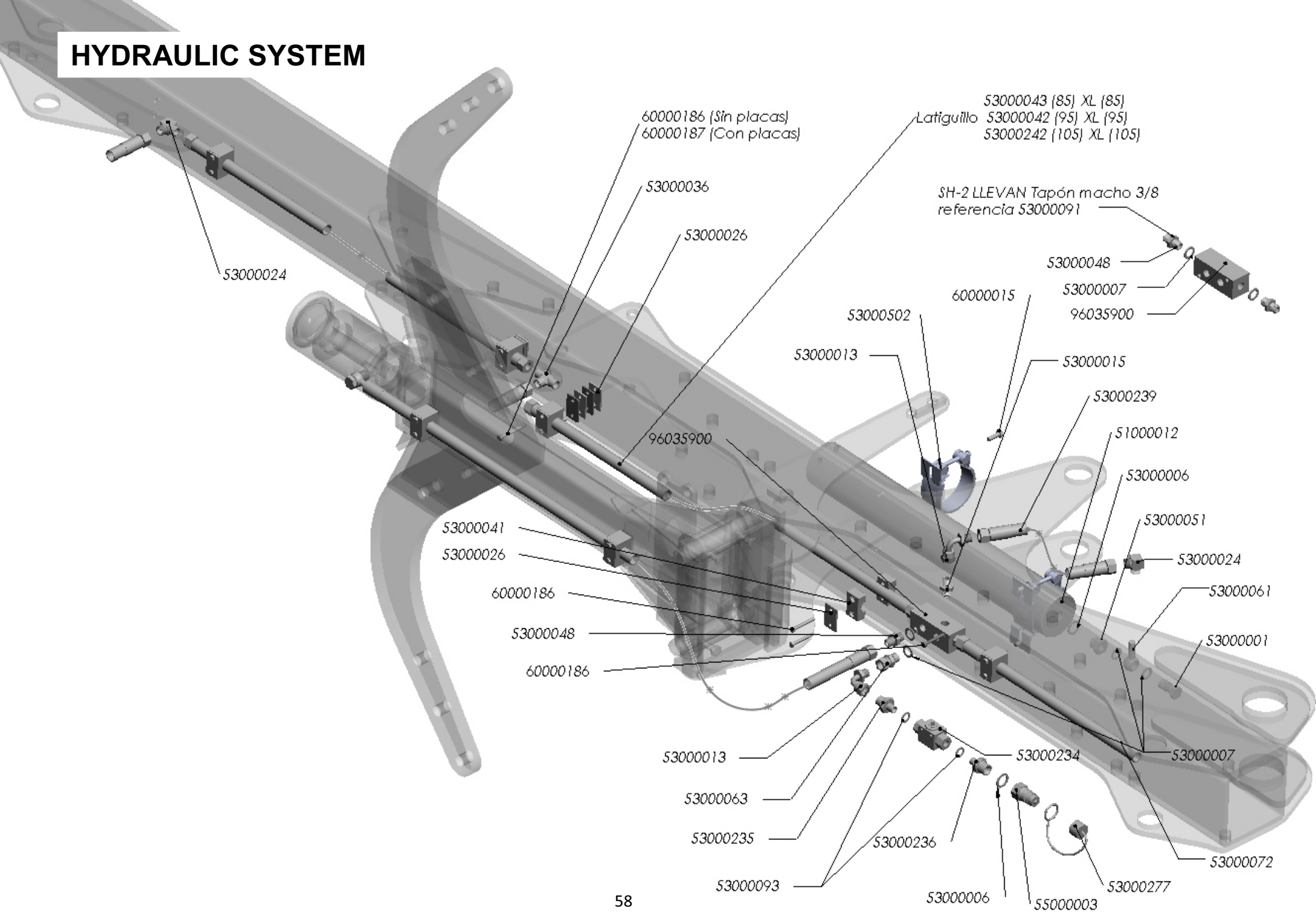
53000227 {1º Cuerpo-85}
53000072 {11 Cuerpo-95}
53000044 {1º Cuerpo-105}
53000237 {Resto cuerpos-85/95/105}



BEAM XL-H

REFERENCIA	DESCRIPCIÓN
37002901	BULON APOYO ANCORA MR
51000007	CILIND.TRACCION 110/36/90 AR
51000008	CILIND.TRACCION 100/36/90 AR
53000001	TORNILLO SIMPLE 3/8 4022
53000007	JUNTA METAL/GOMA 3/8" 11602
53000026	PLACA RFZO.AB.SIMPLE 20 DP3
53000041	ABRAZ.SIMPLE D=19mm. 319PP
53000044	LATIG.R2-3/8*1900mm.OR-3/8/TL-18
53000072	LATIG.R2-3/8*1800mm.OR-3/8/TL-18
53000227	LATIG.R2-3/8*1700mm.OR-3/8/TL-18
53000237	LATIG.R2-3/8*1170mm.OR-3/8/TL-18
60000098	TORN.EXAG.DIN-931 20* 60 8.8
60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
60000180	TORN.EXAG.DIN-931 6* 40 8.8 ZINC.
60000200	TORN.ALLEN DIN-912 12* 25 8.8 ZINC.
60000218	TORN.ALLEN DIN-913 12* 16 12.9
81031900	BARRA TENSORA LVH
81033900	BRAZO PORTACAMBA LVH
81033901	BRAZO PORTACAMBA LVH-76
90032900	BULON D=25* 70mm.TIRO BARRA TENSORA

HYDRAULIC SYSTEM

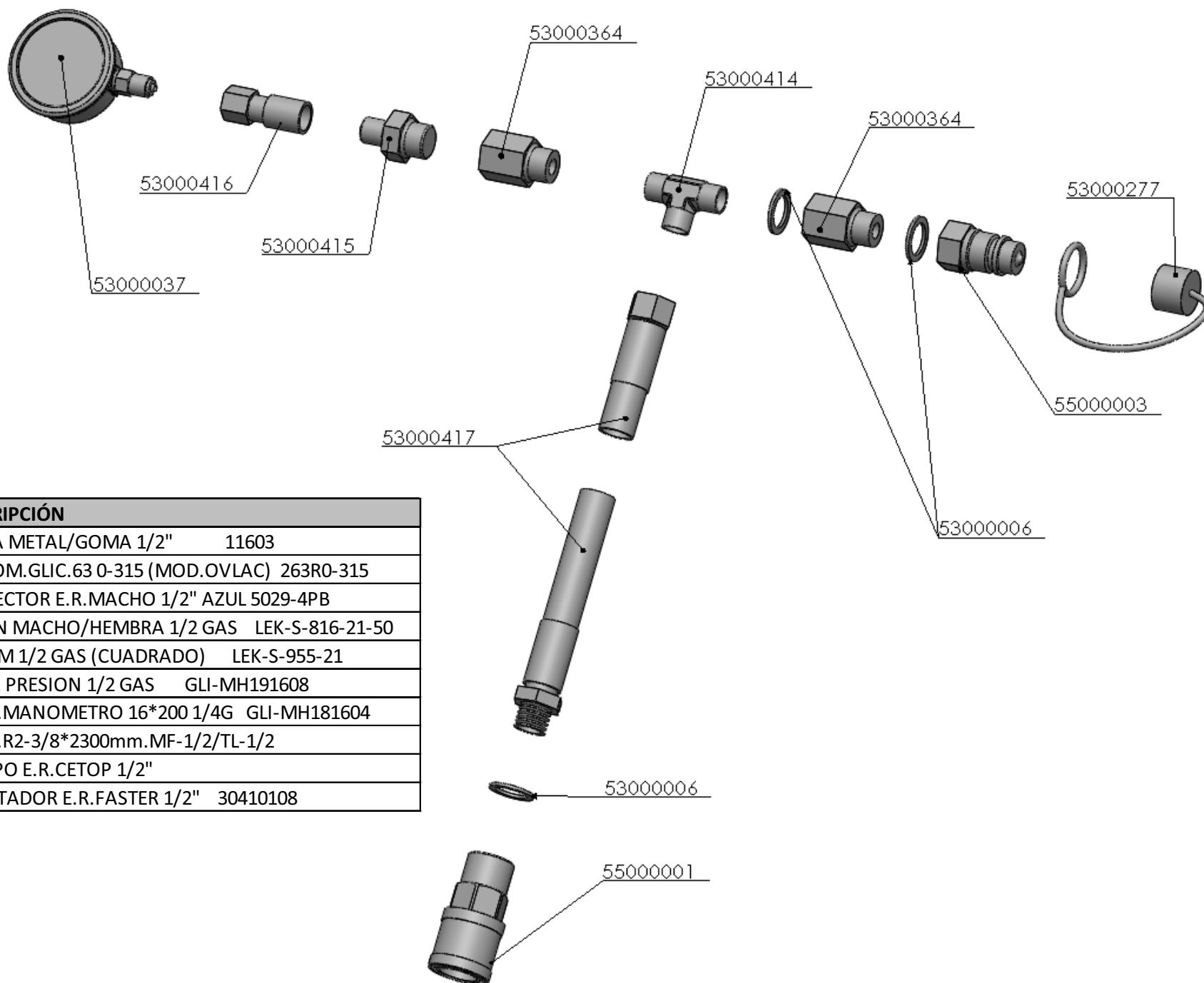


HYDRAULIC SYSTEM

LATIGUILLO			
NORMAL		XL	
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
53000042	LATIG.R2-3/8* 930mm.TL-18/TL-18	53000042	LATIG.R2-3/8* 930mm.TL-18/TL-18
53000043	LATIG.R2-3/8* 830mm.TL-18/TL-18	53000043	LATIG.R2-3/8* 830mm.TL-18/TL-18
53000242	LATIG.R2-3/8*1020mm.TL-18/TL-18	53000242	LATIG.R2-3/8*1020mm.TL-18/TL-18

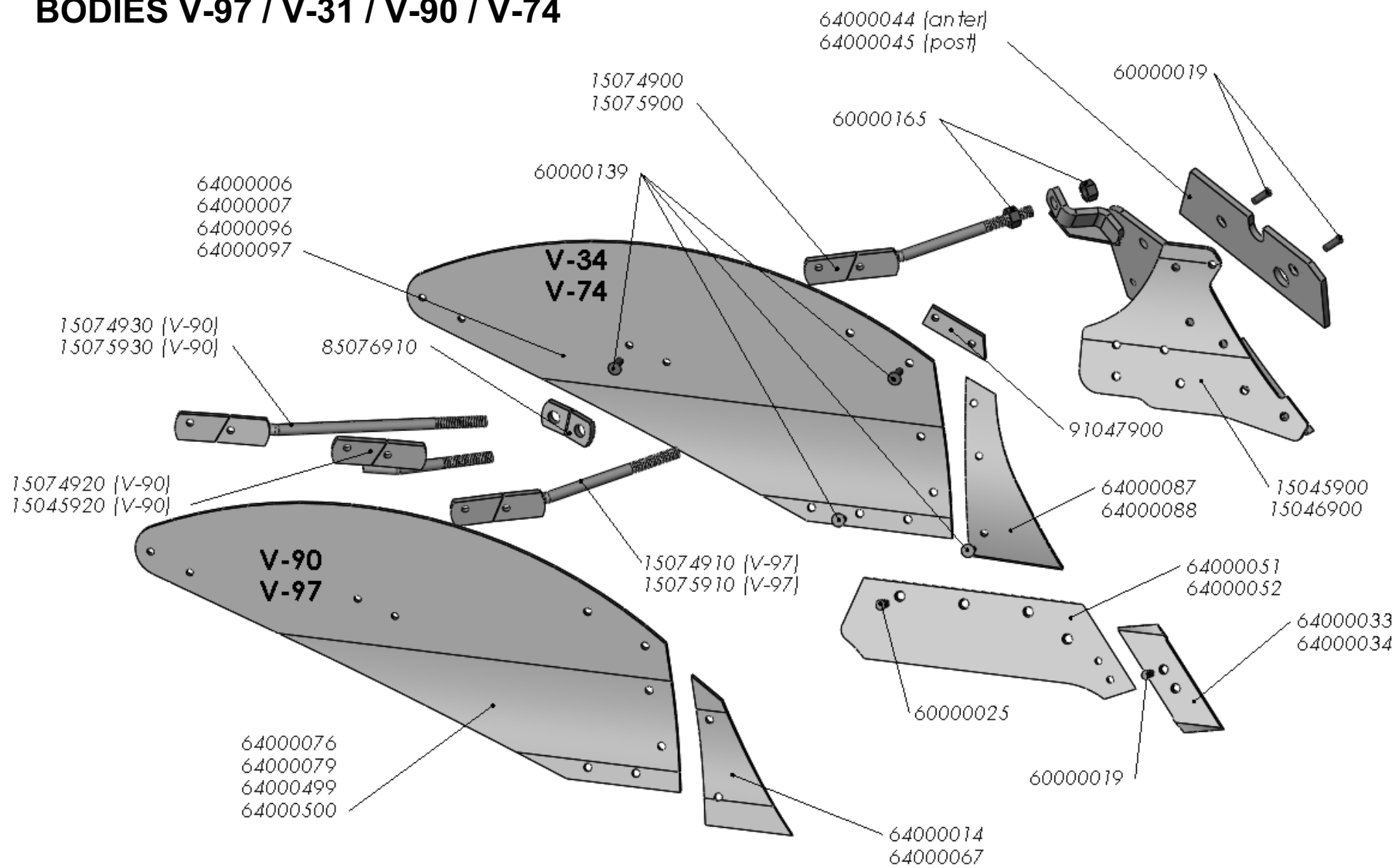
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
51000012	ACUMULADOR PISTON PO20A41N10 RAL-6029	53000091	TAPON MACHO 3/8 4152
53000001	TORNILLO SIMPLE 3/8 4022	53000093	JUNTA METAL GOMA 1/4 11601
53000006	JUNTA METAL/GOMA 1/2" 11603	53000234	VALV.ESFERA 2/2 1/4 GE2 DN6
53000007	JUNTA METAL/GOMA 3/8" 11602	53000235	UNION REDUCCION 1/4-3/8 4071
53000013	CODO 90° M/H-3/8" 4292	53000236	UNION REDUCCION 1/4-1/2 4371
53000015	UNION MACHO 3/8 4062	53000239	LATIG.R2-3/8* 420mm.TL-3/8/TL-18
53000024	CODO TUBO/TUBO 12mm. W12-L	53000260	TUERCA M18*1,5 C/BICONO D12L M12-L PSR12LX
53000026	PLACA RFZO.AB.SIMPLE 20 DP3	53000277	PROTECTOR E.R.MACHO 1/2" AZUL 5029-4PB
53000036	TE UNION IGUAL 12 T12-L	53000502	ABRAZ.ACUMULADOR 80/88 MPC
53000041	ABRAZ.SIMPLE D=19mm. 319PP	55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
53000048	UNION MACHO BSP 3/8-12 GE12-L	60000015	TORN.EXAG.DIN-933 8* 25 8.8 ZINC.
53000051	REDUCTOR 1/2-3/8 4171	60000186	TORN.EXAG.DIN-931 6* 50 8.8 ZINC.
53000061	ESFERICO 3/8" TUBO 12mm.LARGO	60000187	TORN.EXAG.DIN-931 6* 60 8.8 ZINC.
53000063	ADAPTADOR M/H LOCA 3/8 4312	96035900	SOP.TOMAS HIDRAULICAS
53000072	LATIG.R2-3/8*1800mm.OR-3/8/TL-18		

HYDRAULIC TUBE



REFERENCIA	DESCRIPCIÓN
53000006	JUNTA METAL/GOMA 1/2" 11603
53000037	MANOM.GLIC.63 0-315 (MOD.OVLAC) 263R0-315
53000277	PROTECTOR E.R.MACHO 1/2" AZUL 5029-4PB
53000364	UNION MACHO/HEMBRA 1/2 GAS LEK-S-816-21-50
53000414	TE M/M 1/2 GAS (CUADRADO) LEK-S-955-21
53000415	TOMA PRESION 1/2 GAS GLI-MH191608
53000416	ADAP.MANOMETRO 16*200 1/4G GLI-MH181604
53000417	LATIG.R2-3/8*2300mm.MF-1/2/TL-1/2
55000001	CUERPO E.R.CETOP 1/2"
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108

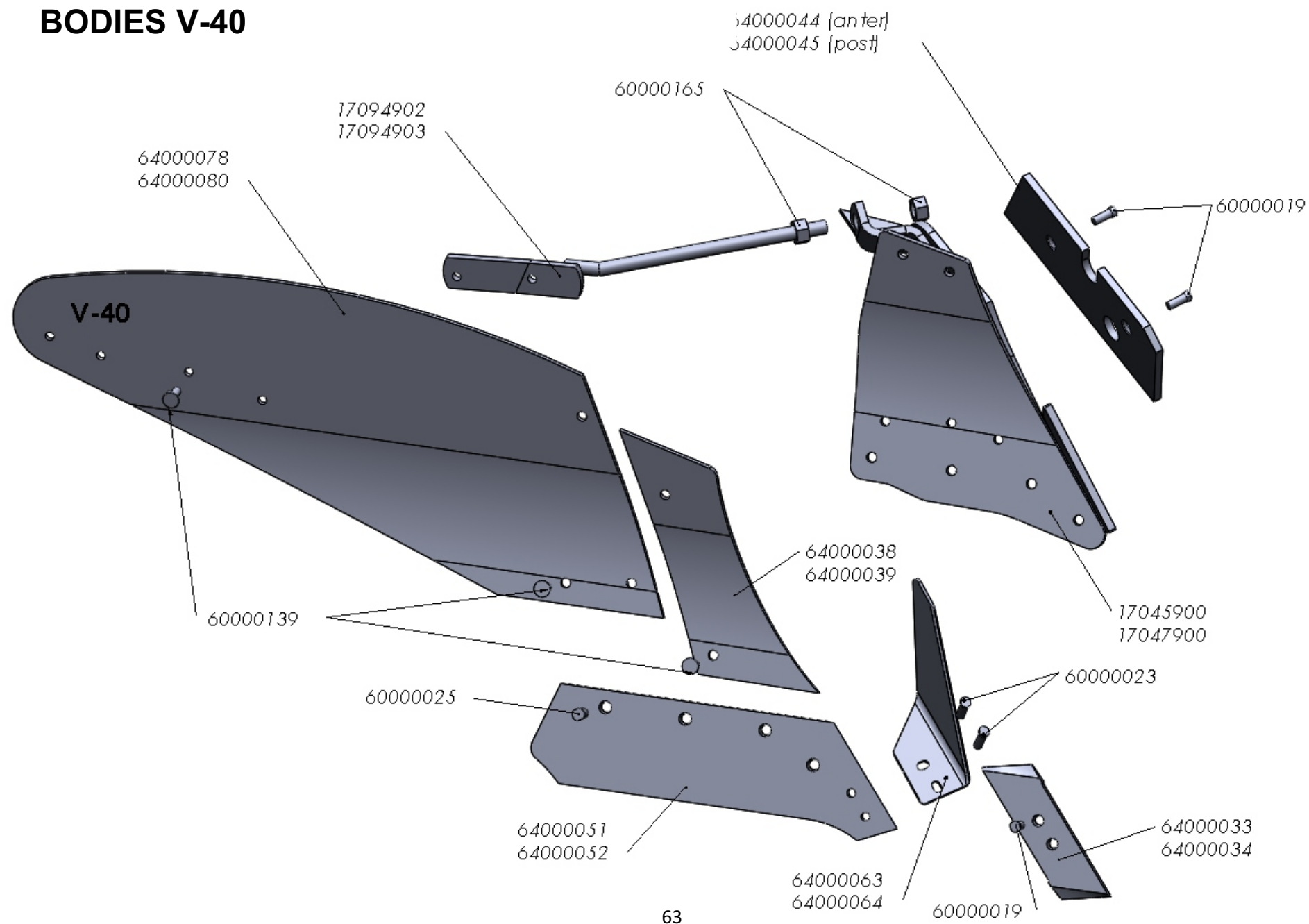
BODIES V-97 / V-31 / V-90 / V-74



BODIES V-97 / V-31 / V-90 / V-74

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15045900	PORTA-REJAS DCH. V-97/ V-34 (D/04)	64000033	PUNTA REJA 1365-D 65x12mm.
15046900	PORTA-REJAS IZQD. V-97/ V-34 (D/04)	64000034	PUNTA REJA 1365-I 65x12mm.
15074900	TENSOR V-34 CORTO DCH.(D/04)	64000044	COSTANERA CORTA 2338-CAV-BAR
15074910	TENSOR V-97 CORTO DCH.(D/04)	64000045	COSTANERA LARGA 2339-CAV-BAR
15074920	TENSOR V-90 CORTO DCH.	64000051	REJA 1434-17-D-CAV
15074930	TENSOR V-90 LARGO DCH.	64000052	REJA 1434-17-I-CAV
15075900	TENSOR V-34 CORTO IZQD.(D/04)	64000067	COMPLEMENTO BORO 1798-I-CAV
15075910	TENSOR V-97 CORTO IZQD.(D/04)	64000076	VERTEDERA CEMENT. V-97-D-CAV
15075920	TENSOR V-90 CORTO IZQD.	64000079	VERTEDERA CEMENT. V-97-I-CAV
15075930	TENSOR V-90 LARGO IZQD.	64000087	COMPLEMENTO BORO 1849-D-CA
60000019	TORN.ARADO C/OV/934 12*36 12.9	64000088	COMPLEMENTO BORO 1849-I-CA
60000025	TORN.ARADO C/OV/934 14*35 12.9	64000096	VERTEDERA BORO V-74-D-CAV
60000139	TORN.ARADO 2TET/934 12*35 8.8 ZINC.	64000097	VERTEDERA BORO V-74-I-CAV
60000165	TUER.EXAG.DIN-934 22 8.8 ZINC.	64000499	VERTEDERA CEMENT. V-90-D-CAV (KV-28)
64000006	VERTEDERA CEMENT. V-34-D-CAV	64000500	VERTEDERA CEMENT. V-90-I-CAV (KV-28)
64000007	VERTEDERA CEMENT. V-34-I-CAV	85076910	SOP.TENSOR LARGO V-90
64000014	COMPLEMENTO BORO 1798-D-CAV	91047900	PLETINA UNION VERT./COMPL. V-34

BODIES V-40



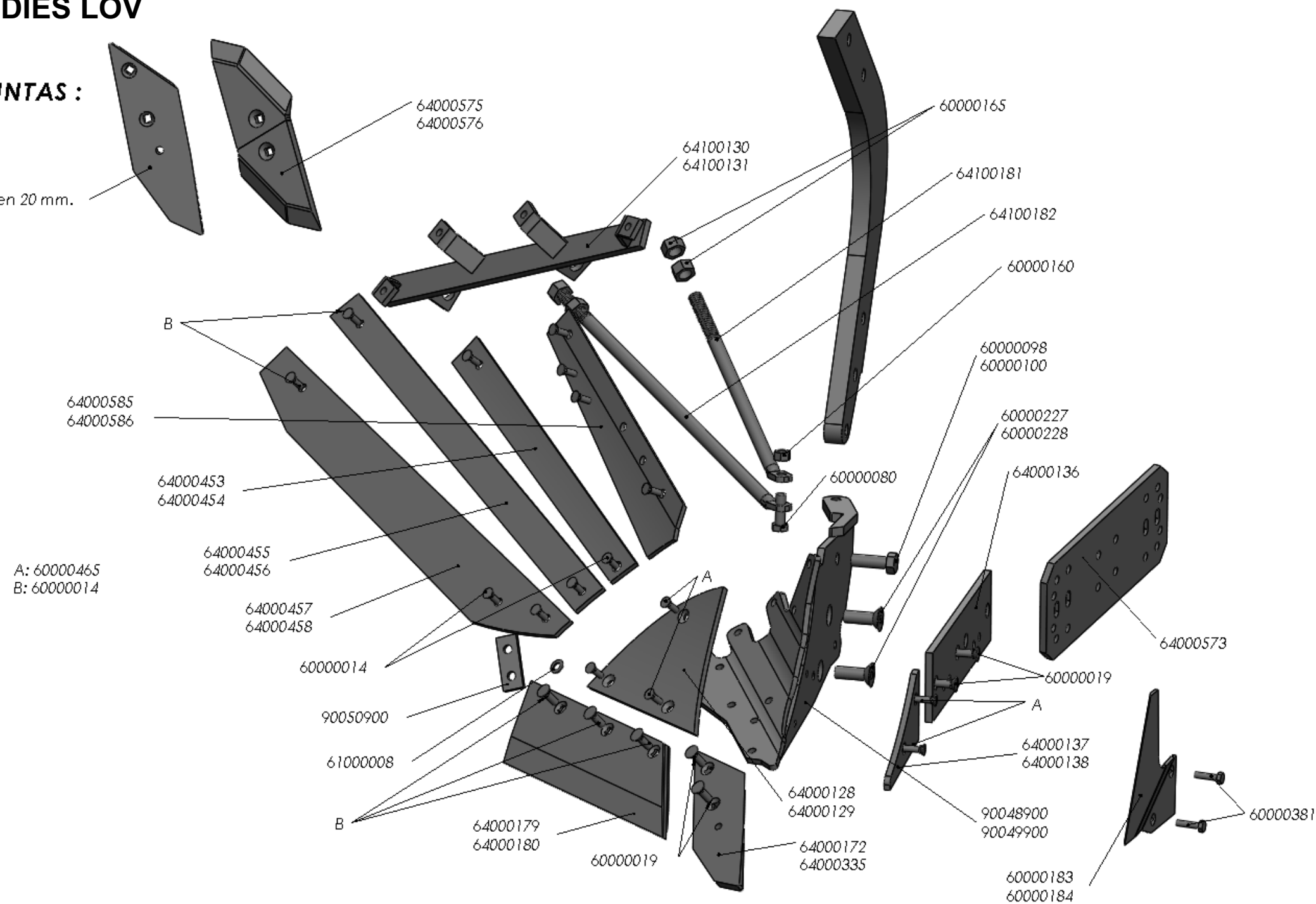
BODIES V-40

REFERENCIA	DESCRIPCIÓN
17045900	PORTA-REJAS DCH. V-40 (D/04)
17047900	PORTA-REJAS IZQ. V-40 (D/04)
17094902	TENSOR V-40 CORTO DCH.(D/04)
17094903	TENSOR V-40 CORTO IZQD.(D/04)
60000019	TORN.ARADO C/OV/934 12*36 12.9
60000023	TORN.ARADO C/OV/934 12*42 12.9
60000025	TORN.ARADO C/OV/934 14*35 12.9
60000139	TORN.ARADO 2TET/934 12*35 8.8 ZINC.
60000165	TUER.EXAG.DIN-934 22 8.8 ZINC.
64000033	PUNTA REJA 1365-D 65x12mm.
64000034	PUNTA REJA 1365-I 65x12mm.
64000038	COMPLEMENTO BORO 1839-D-CAV
64000039	COMPLEMENTO BORO 1839-I-CAV
64000044	COSTANERA CORTA 2338-CAV-BAR
64000045	COSTANERA LARGA 2339-CAV-BAR
64000051	REJA V-34-17-D-CAV
64000052	REJA V-34-17-I-CAV
64000063	CORTANTE 1464-D
64000064	CORTANTE 1464-I
64000078	VERTEDERA CEMENT. V-40-D-CAV
64000080	VERTEDERA CEMENT. V-40-I-CAV

BODIES LOV

PUNTAS :

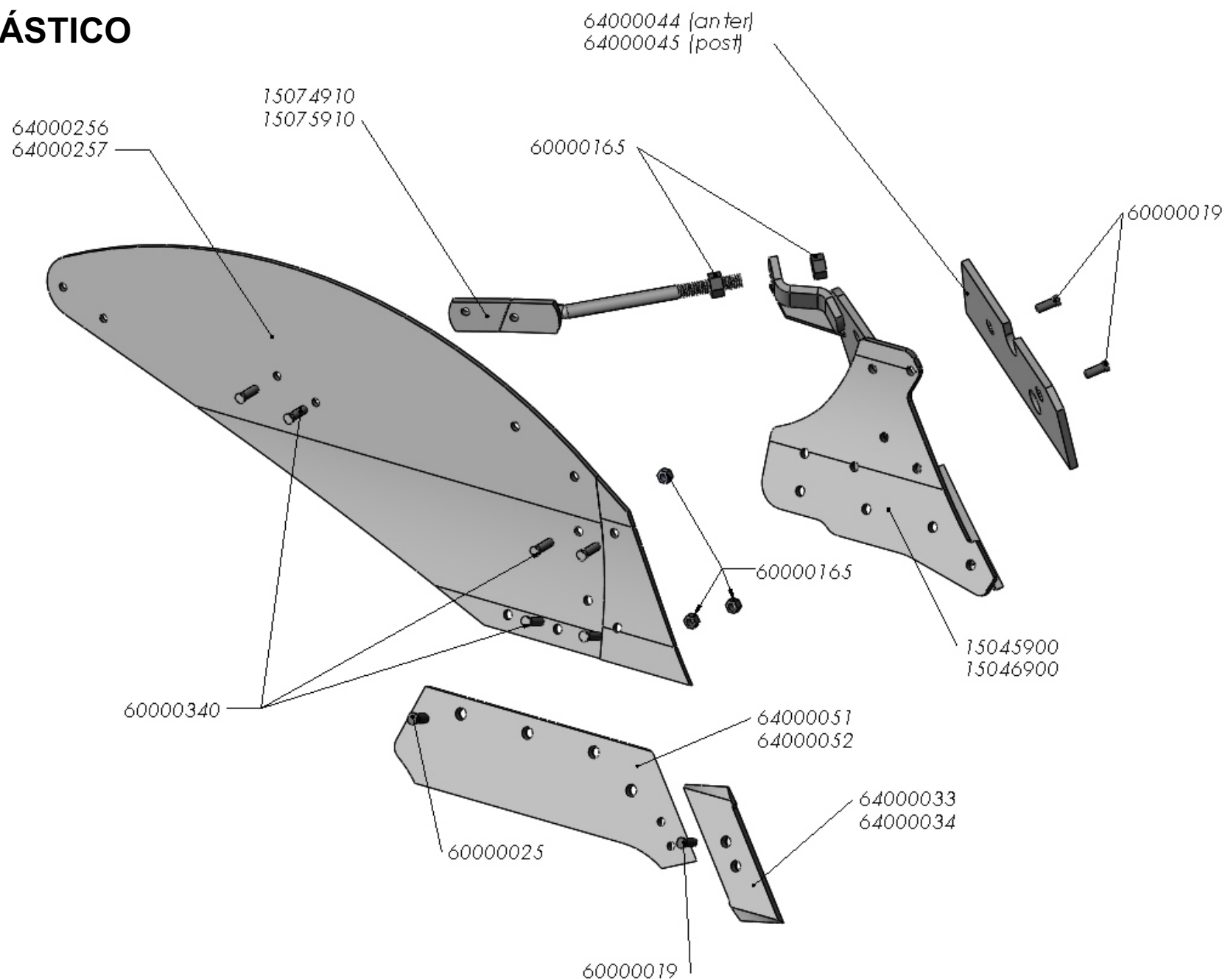
en 20 mm.



BODIES LOV

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
60000014	TORN.ARADO C/OV/934 12*33 12.9	64000184	CORTANTE I-LK 3492891
60000019	TORN.ARADO C/OV/934 12*36 12.9	64000335	PUNTA REJA I LOV 15mm.
60000080	TORN.EXAG.DIN-931 16* 60 8.8 ZINC.	64000453	LAMINA 2-D (D/09-11)
60000098	TORN.EXAG.DIN-931 20* 60 8.8	64000454	LAMINA 2-I (D/09-11)
60000100	TORN.EXAG.DIN-931 20* 70 8.8	64000455	LAMINA 3-D (D/09-11)
60000160	TUER.EXAG.DIN-934 16 8.8 ZINC.	64000456	LAMINA 3-I (D/09-11)
60000165	TUER.EXAG.DIN-934 22 8.8 ZINC.	64000457	LAMINA 4-D (D/09-11)
60000227	TORN.ALLEN DIN-7991 20* 60 12.9	64000458	LAMINA 4-I (D/09-11)
60000228	TORN.ALLEN DIN-7991 20* 70 12.9	64000573	COSTANERA XL D/I LOV
60000381	TORN.ARADO DIN-608/934 10*40 8.8	64000575	PUNTA REJA D LOV REVERS.
60000465	TORN.ARADO C/OV/934 10*33 12.9	64000576	PUNTA REJA I LOV REVERS.
61000008	ARAND.DIN-125 12 ZINC.	64000585	LAMINA 1-D-XL REVERS.
64000128	COMPLEMENTO D LOV	64000586	LAMINA 1-I-XL REVERS.
64000129	COMPLEMENTO I LOV	64100130	SOP.TENSOR D LOV RFZD.
64000136	COSTANERA D/I LOV	64100131	SOP.TENSOR I LOV RFZD.
64000137	PUNTA COSTAN.D LOV	64100181	TENSOR CORTO RFZD.LOV
64000138	PUNTA COSTAN.I LOV	64100182	TENSOR LARGO RFZD.LOV
64000172	PUNTA REJA D LOV 15mm.	90048900	PORTA-REJAS DCH.LOV
64000179	REJA 20"D LOV	90049900	PORTA-REJAS IZQD.LOV
64000180	REJA 20"I LOV	90050900	PLETINA UNION VERT-REJA LOV
64000183	CORTANTE D-LK 3492890		

BODIES V-PLÁSTICO

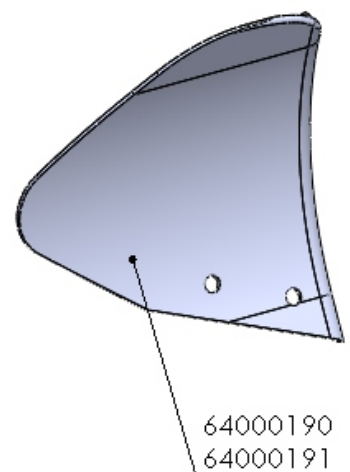


BODIES V-PLÁSTICO

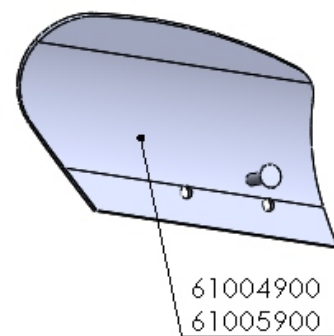
REFERENCIA	DESCRIPCIÓN
64000044	COSTANERA CORTA 2338-CAV-BAR
64000045	COSTANERA LARGA 2339-CAV-BAR
60000019	TORN.ARADO C/OV/934 12*36 12.9
60000165	TUER.EXAG.DIN-934 22 8.8 ZINC.
15045900	PORTA-REJAS DCH.1797/1834 (D/04)
15074910	TENSOR 1797 CORTO DCH.(D/04)
64000256	VERTEDERA PLASTIC.D A73286M (1797)
60000340	TORN.ARADO DIN-603 12*40 8.8 ZINC.
60000025	TORN.ARADO C/OV/934 14*35 12.9
60000019	TORN.ARADO C/OV/934 12*36 12.9
64000033	PUNTA REJA 1365-D 65x12mm.
64000051	REJA 1434-17-D-CAV
15046900	PORTA-REJAS IZQD.1797/1834 (D/04)
64000257	VERTEDERA PLASTIC.I A73287M (1797)
64000052	REJA 1434-17-I-CAV
64000034	PUNTA REJA 1365-I 65x12mm.
15075910	TENSOR 1797 CORTO IZQD.(D/04)

SKIMMERS SB - SH

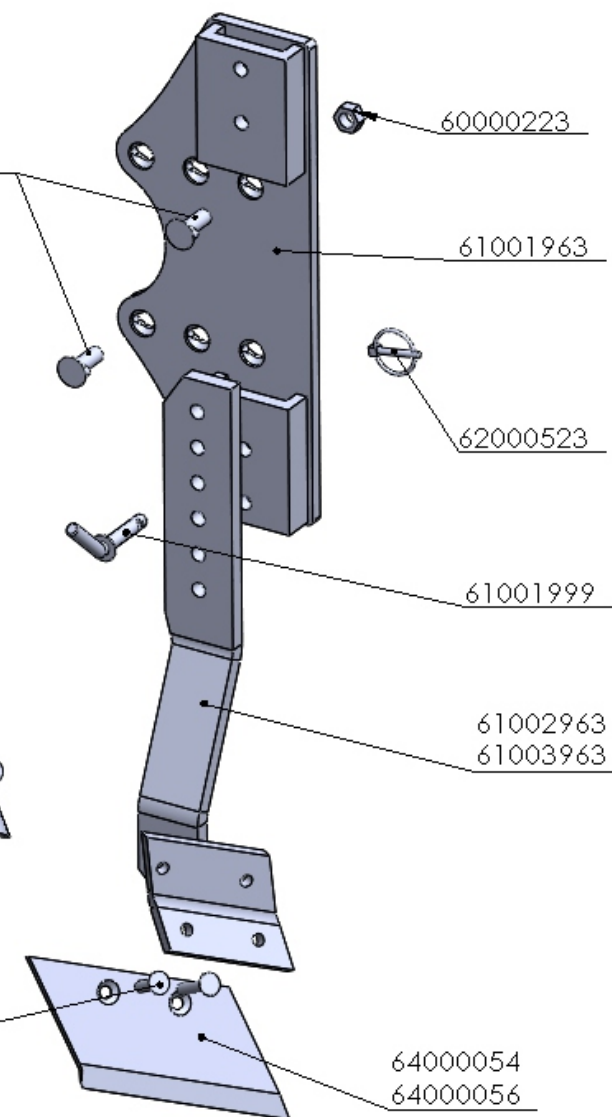
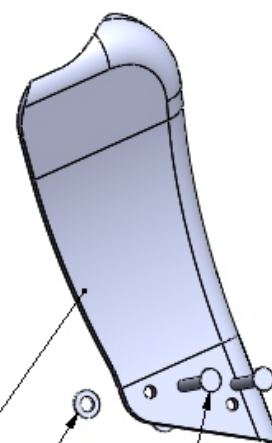
GRAN CAPACIDAD



UNIVERSAL



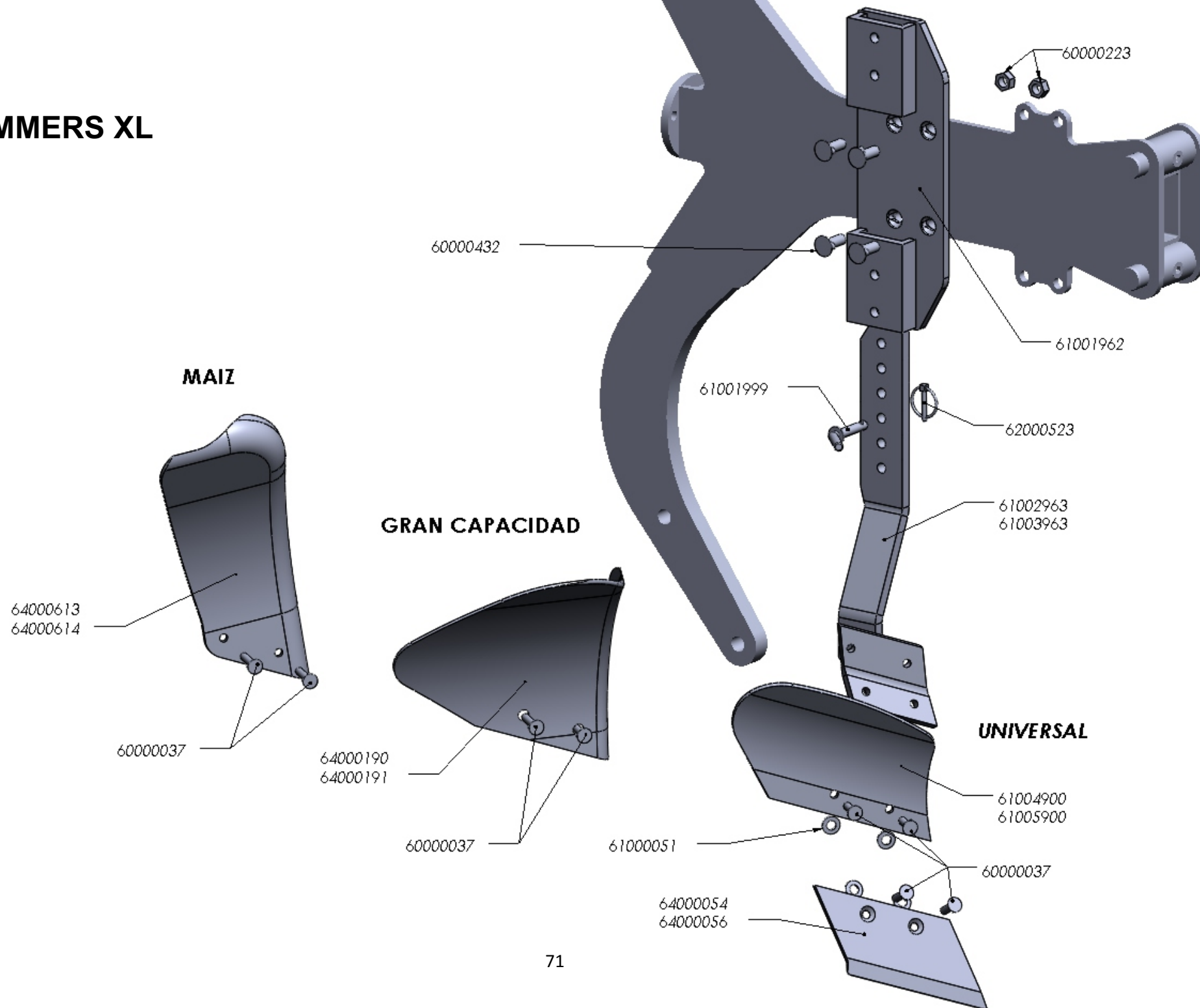
MAÍZ



SKIMMERS SB - SH

REFERENCIA	DESCRIPCIÓN
60000037	TORN.ARADO 2TET/934 10*35 10.9 ZINC.
60000213	TORN.ARADO 2TET/934 10*45 10.9 ZINC.
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.
60000432	TORN.ARADO 2TET/934 14*40 10.9 ZINC.
61000051	ARAND.DIN-125 10 ZINC.
61001963	SOP.RASETAS SBHN D/76cm.(D/13)
61001999	BULON D=12*120mm. REG.RASETAS
61002963	BRAZO RASETA SB/H-LVB/H DCH.(D/13-AG)
61003963	BRAZO RASETA SB/H-LVB/H IZQD.(D/13-AG)
61004900	RASETA UNIV.1855-D-CAV
61005900	RASETA UNIV.1855-I-CAV
62000523	ANILLA PASADOR INOX-316 1,8x25
64000054	REJA RASETA 1394-D-CAV
64000056	REJA RASETA 1394-I-CAV
64000190	RASETA 1705-D-CAV BORO
64000191	RASETA 1705-I-CAV BORO
64000613	RASETA MAIZ OVLAC-D BORO
64000614	RASETA MAIZ OVLAC-I BORO

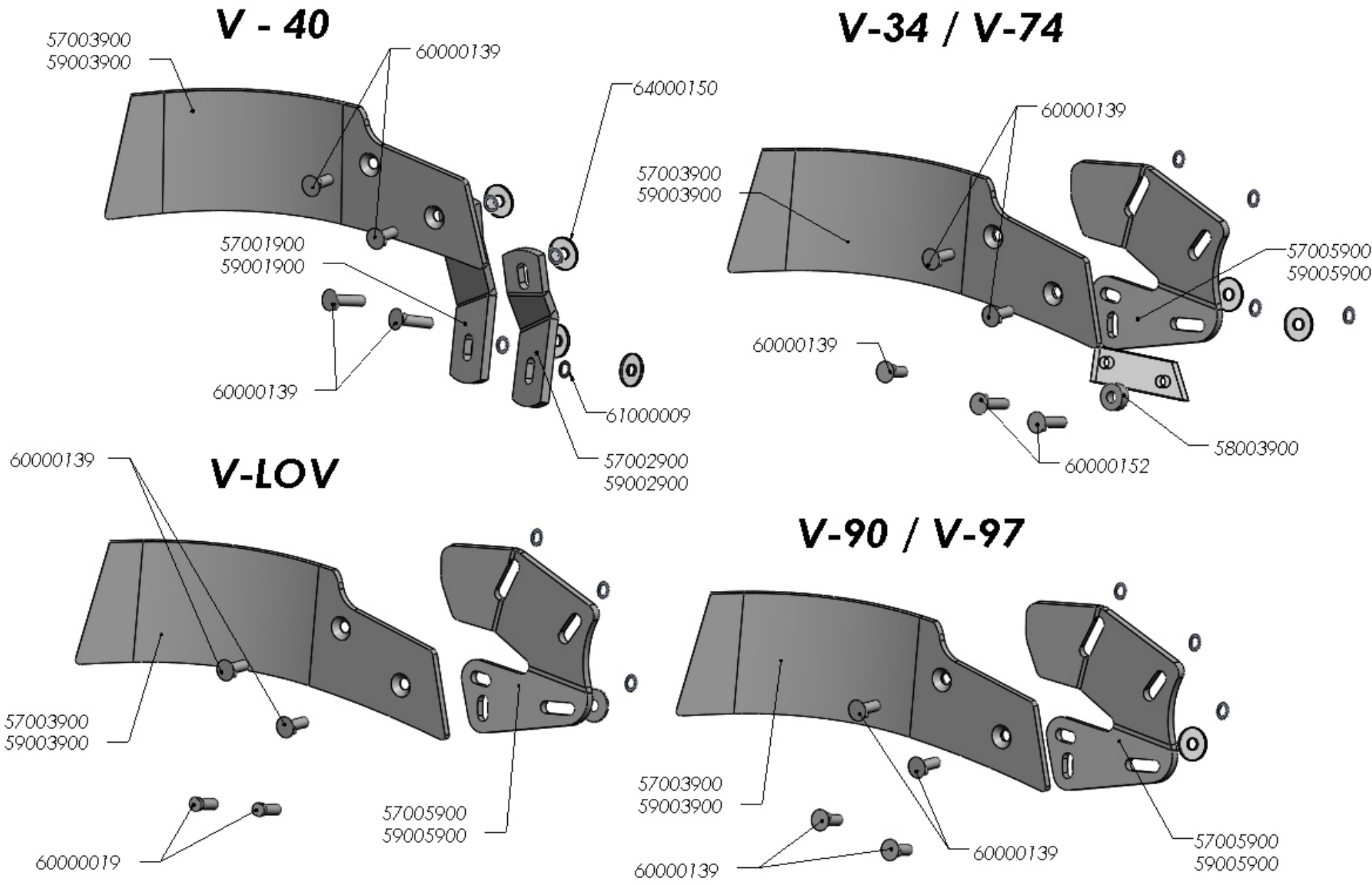
SKIMMERS XL



SKIMMERS XL

REFERENCIA	DESCRIPCIÓN
60000037	TORN.ARADO 2TET/934 10*35 10.9 ZINC.
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.
60000432	TORN.ARADO 2TET/934 14*40 10.9 ZINC.
61000051	ARAND.DIN-125 10 ZINC.
61001962	SOP.RASETAS LVH D/76 (D/13)
61001999	BULON D=12*120mm. REG.RASETAS
61002963	BRAZO RASETA SB/H-LVB/H DCH.(D/13-AG)
61003963	BRAZO RASETA SB/H-LVB/H IZQD.(D/13-AG)
61004900	RASETA UNIV.1855-D-CAV
61005900	RASETA UNIV.1855-I-CAV
62000003	PASADOR ANILLA 6 ZINC.
64000054	REJA RASETA 1394-D-CAV
64000056	REJA RASETA 1394-I-CAV
64000190	RASETA 1705-D-CAV BORO
64000191	RASETA 1705-I-CAV BORO
64000613	RASETA MAIZ OVLAC-D BORO
64000614	RASETA MAIZ OVLAC-I BORO

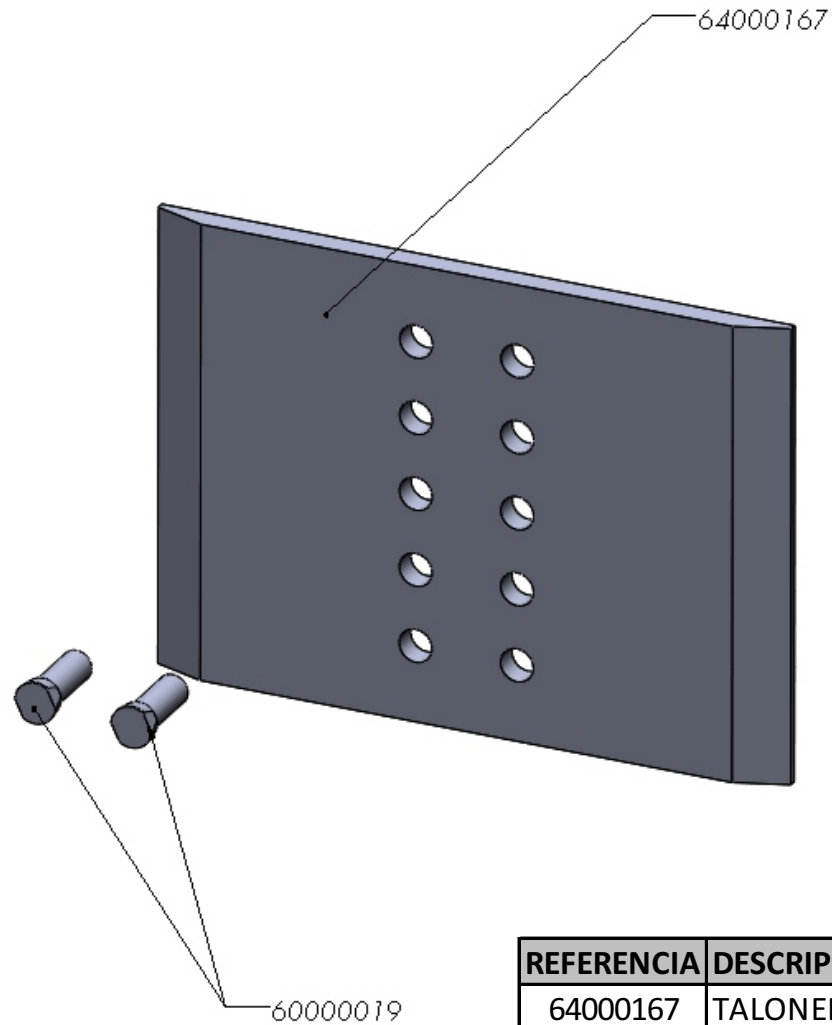
COVER BOARDS



COVER BOARDS

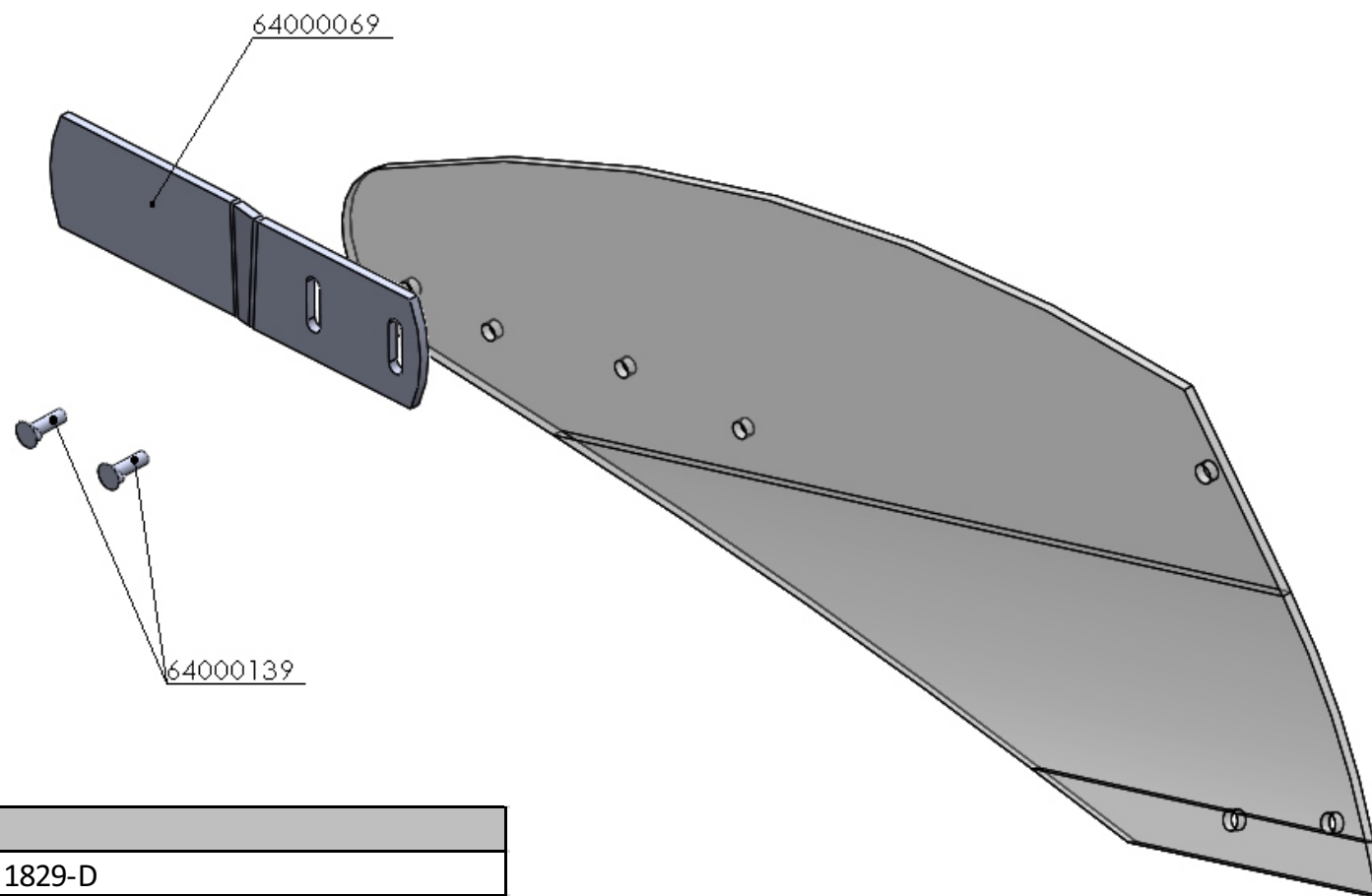
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53000004	ENGRASADOR AC° DIN-71412 8*125	63000030	RETEN 35-52-7
60000003	TORN.ALLEN DIN-7991 10* 40 10.9 ZINC.	63000031	ANILLO ELASTICO DIN-472 62
60000067	TORN.EXAG.DIN-931 12* 70 8.8 ZINC.	64000102	DISCO PLANO LISO ARADO 1983-20" 5mm.R-68
60000073	TORN.EXAG.DIN-931 14* 70 8.8 ZINC.	67009910	BUJE DISCOS 20"
60000085	TORN.EXAG.DIN-931 16*110 8.8 ZINC.	67010900	ABRAZ.REGULACION
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.	67013900	SOP.GIRO DISCOS 20"
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.	67014900	TAPA DISCOS
60000160	TUER.EXAG.DIN-934 16 8.8 ZINC.	67015900	BRAZO DISCOS 20"
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	67016900	TORNILLO EJE GIRO DISCO
60000211	TUER.AUTO.DIN-985 20 8.8	67017900	ANILLO CALZO EJE DISCO 20"
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	67301900	BRAZO SOP.DISCOS 670mm.
60000296	TORN.EXAG.DIN-931 20* 90 8.8 ZINC.	67302900	SEMI-MANIVELA CORTA
63000025	ANILLO INTERIOR IR 30*35*17	67302910	SEMI-MANIVELA LARGA
63000029	RODAM.3206 (DISCOS 20")		

LANDSLIDE EXTENSION



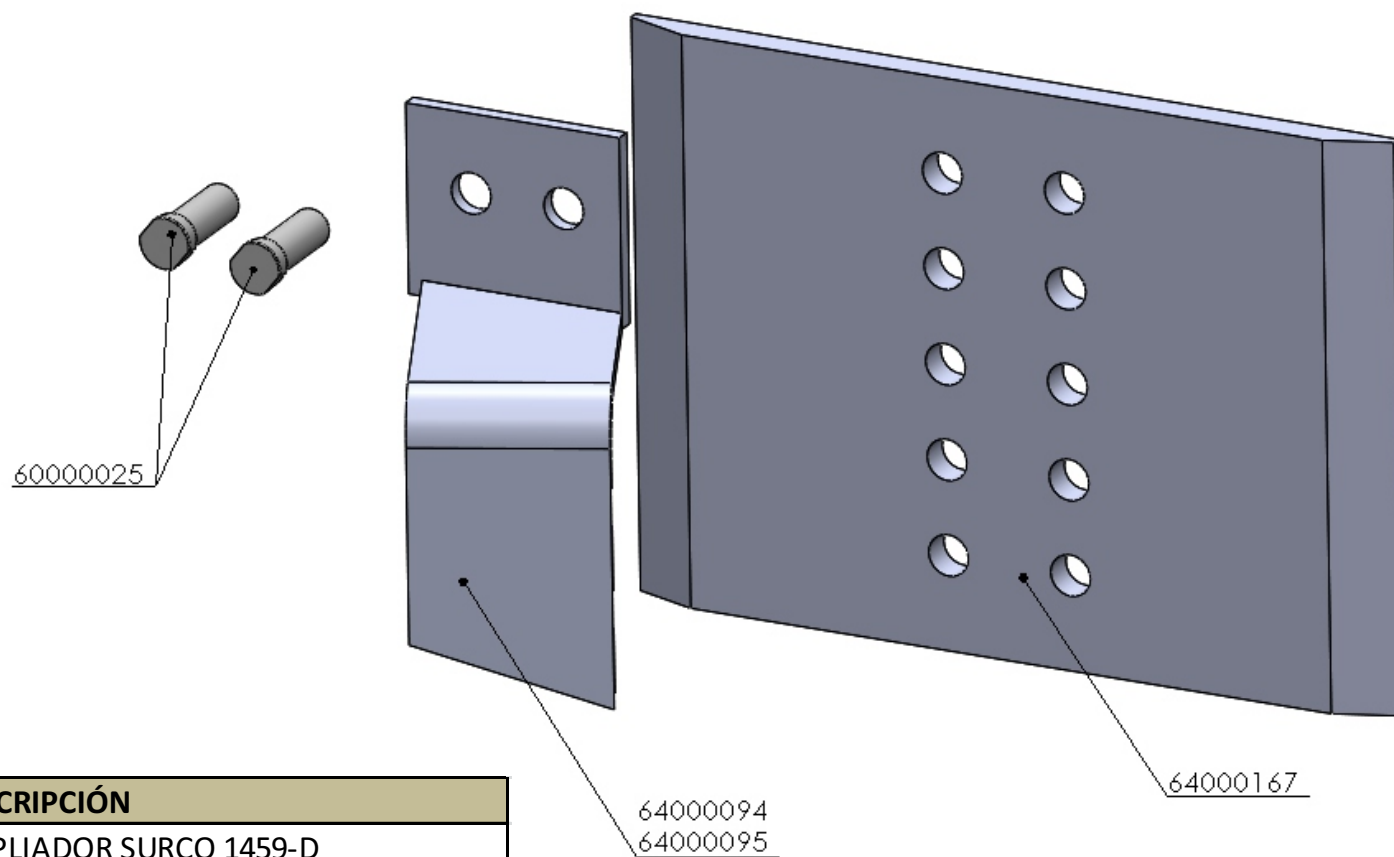
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64000167	TALONERA 2357
60000019	TORN.ARADO C/OV/934 12*36 12.9

SUPL. EXTENSION MOULBOARD



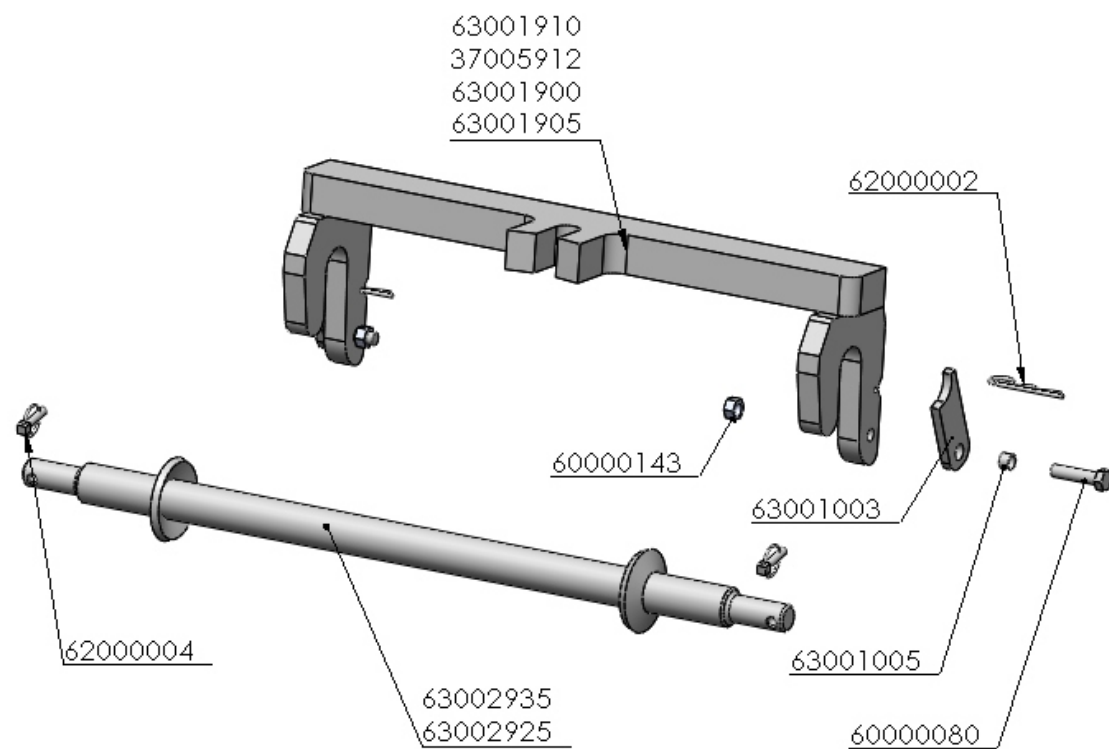
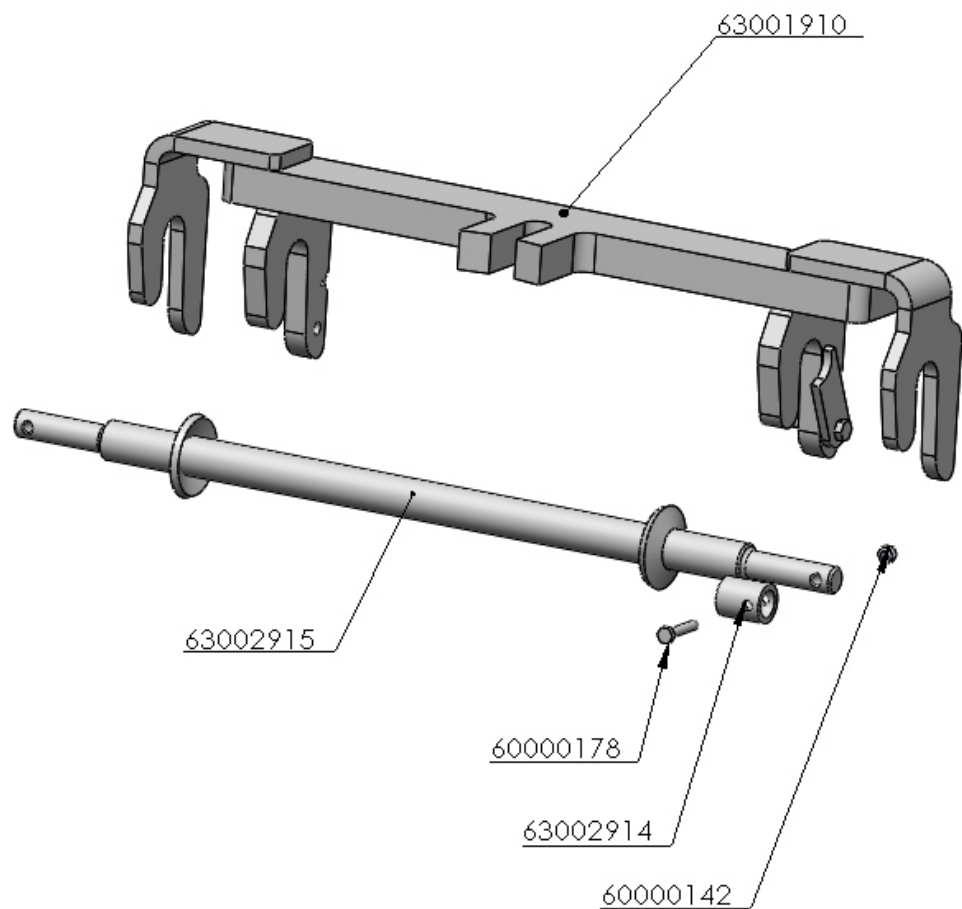
REFERENCIA	DESCRIPCIÓN
64000069	COLA VEREDERA 1829-D
60000139	TORN.ARADO 2TET/934 12*35 8.8 ZINC.

SUPL. EXPANDER GROOVE



REFERENCIA	DESCRIPCIÓN
64000094	AMPLIADOR SURCO 1459-D
64000095	AMPLIADOR SURCO 1459-I
64000167	TALONERA 2357
60000025	TORN.ARADO C/OV/934 14*35 12.9

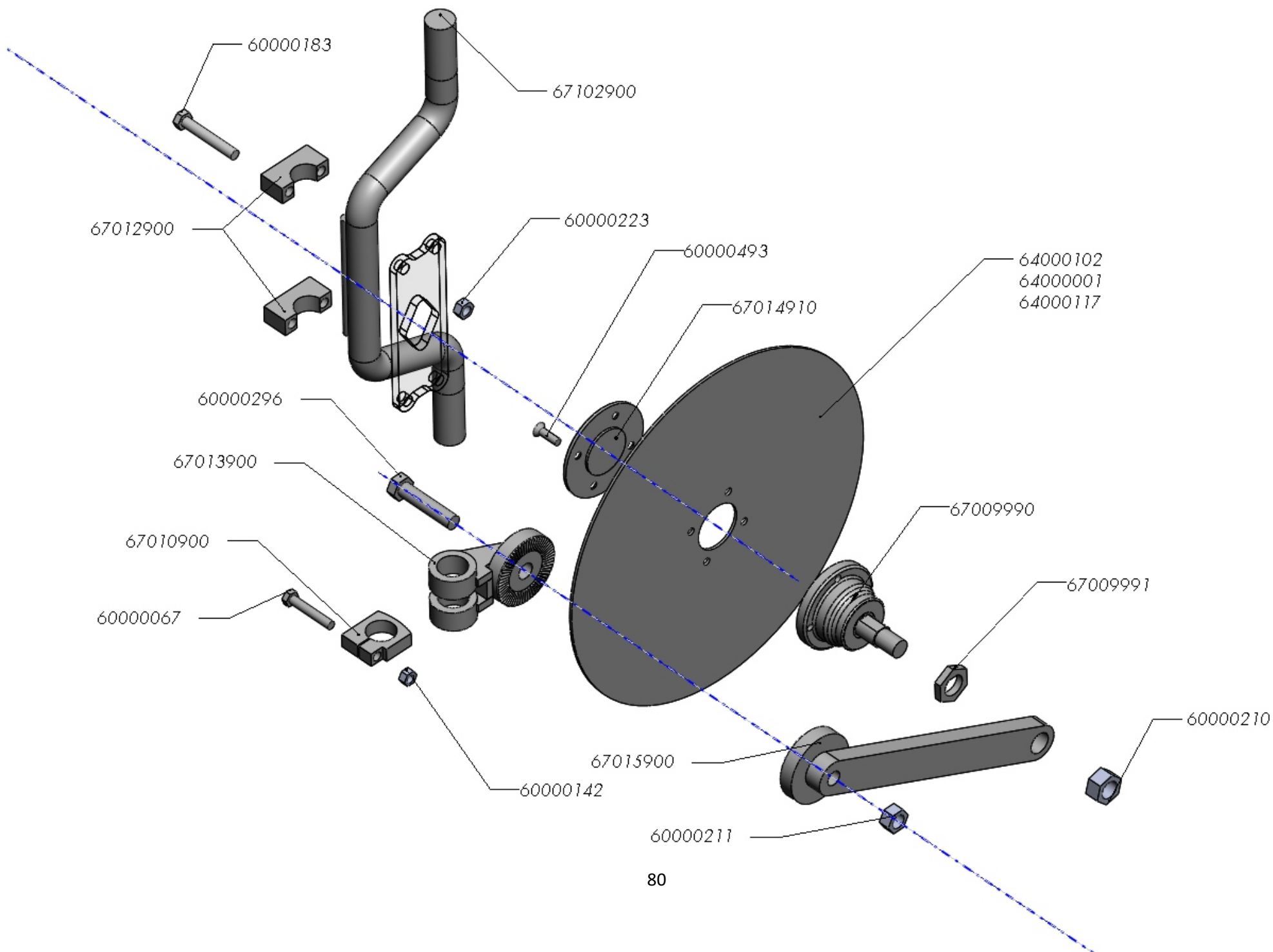
FAST HITCH



FAST HITCH

REFERENCIA	DESCRIPCIÓN
37005912	BALANC.P/ENG.RAP.50mm.MR-8
60000080	TORN.EXAG.DIN-931 16* 60 8.8 ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
60000178	TORN.EXAG.DIN-931 12* 65 8.8 ZINC.
62000002	PASADOR "R" 5 ZINC.
62000004	PASADOR ANILLA 10 ZINC.
63001003	GATILLO ENG.RAP.
63001005	SEP.TUBO 20*13mm.
63001900	BALANC.P/ENG.RAP.50mm.
63001905	BALANC.P/ENG.RAP.50mm.PENTAS.CAT-II/III
63001910	BALANC.P/ENG.RAP.50mm.PENTAS.CAT-III RFZD.
63001910	BALANC.P/ENG.RAP.50mm.PENTAS.CAT-III RFZD.
63002914	CASQ.D= 50/37*60mm.ENG.RAP.CAT-III RFZD.
63002915	BARRA ENG.RAP.CAT III RFZD.
63002925	BARRA ENG.RAP.CAT-II/III
63002935	BARRA ENG.RAP.CAT-III

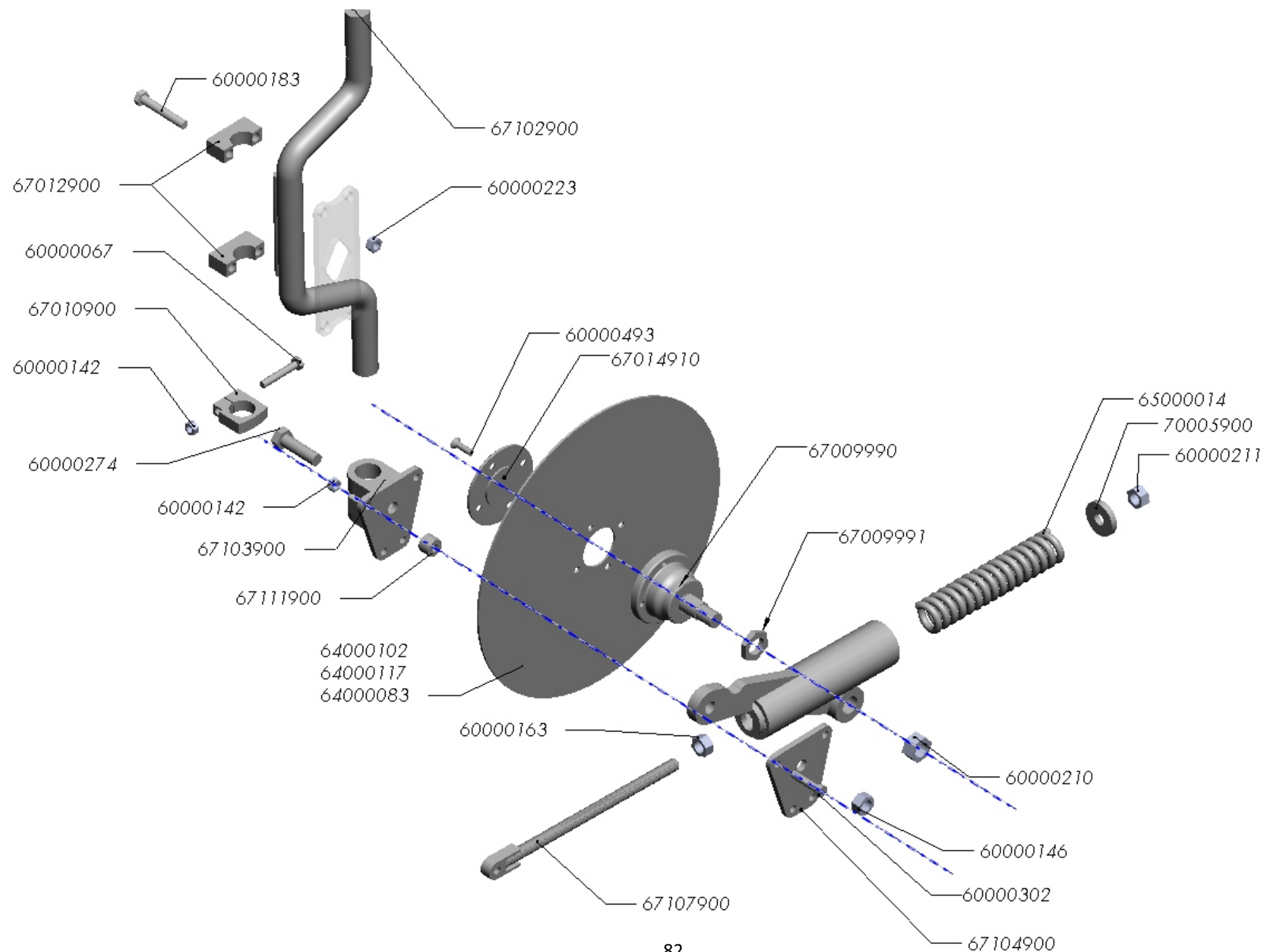
DISC COULTERS SB - SH



DISC COULTERS SB - SH

REFERENCIA	DESCRIPCIÓN
60000067	TORN.EXAG.DIN-931 12* 70 8.8 ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
60000183	TORN.EXAG.DIN-931 14* 90 8.8 ZINC.
60000210	TUER.AUTO.DIN-985 1" SAE 8.8
60000211	TUER.AUTO.DIN-985 20 8.8
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.
60000296	TORN.EXAG.DIN-931 20* 90 8.8 ZINC.
60000493	TORN.ALLEN DIN-7991 10* 25 10.9 ZINC.
64000001	DISCO PLANO LISO ARADO 1983-18" 5mm.R-68
64000102	DISCO PLANO LISO ARADO 1983-20" 5mm.R-68
64000117	DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68
67009990	CONJ.BUJE + EJE DISCOS 20" (D/16)
67009991	ARANDELA FRENO BUJE DISCOS
67010900	ABRAZ.REGULACION
67012900	ABRAZ.PRISION ZINC.
67013900	SOP.GIRO DISCOS 20"
67014910	TAPA DISCOS (D/16)
67015900	BRAZO DISCOS 20"
67102900	MANIVELA DISCO SB/SH

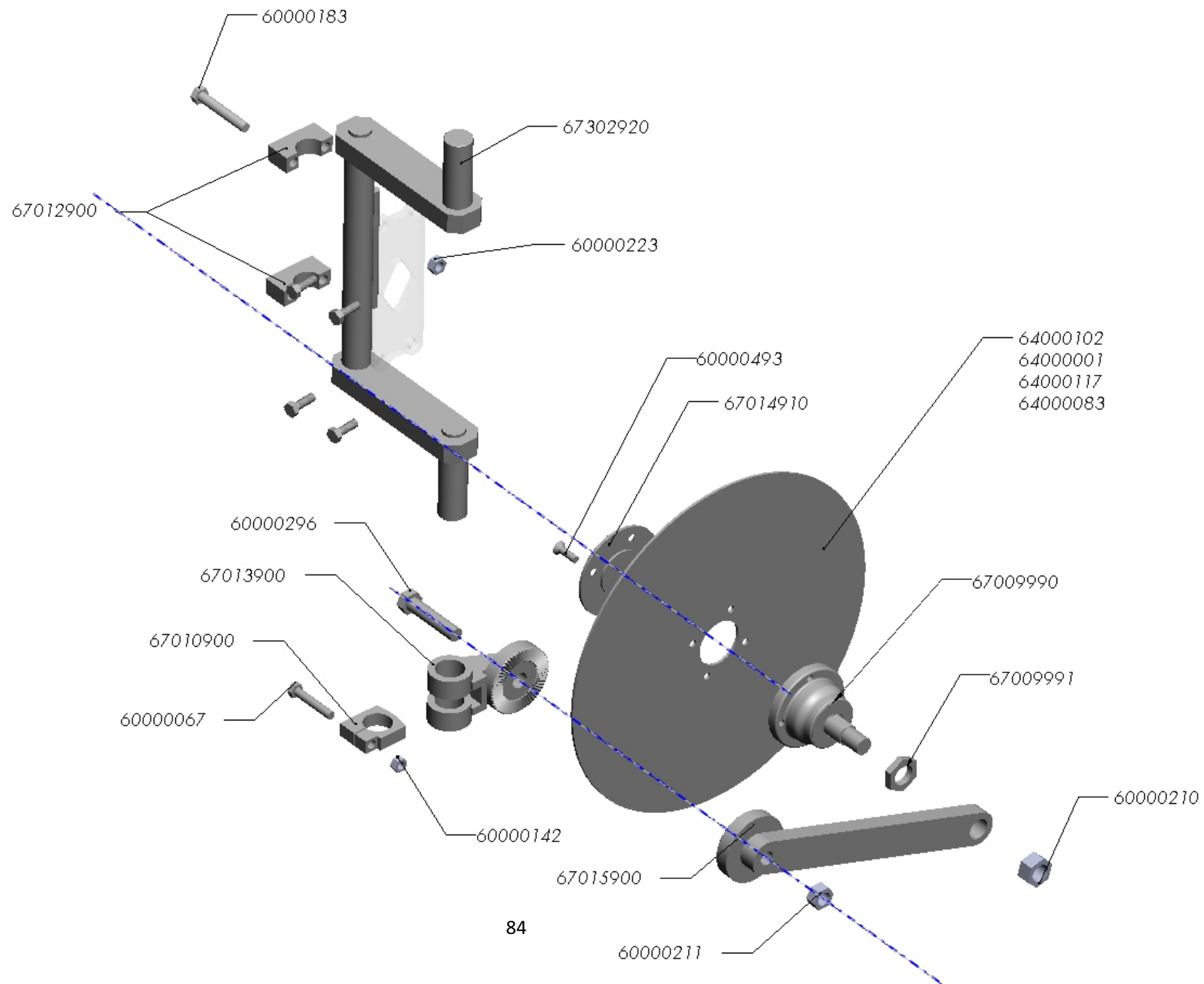
DISC COULTERS NON STOP SB - SH



DISC COULTERS NON STOP SB - SH

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
60000067	TORN.EXAG.DIN-931 12* 70 8.8 ZINC.	65000014	MUELLE COMPR.CILIN.275*57*12 LUZ-5
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.	67009990	CONJ.BUJE + EJE DISCOS 20" (D/16)
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	67009991	ARANDELA FRENO BUJE DISCOS
60000163	TUER.EXAG.DIN-934 20 8.8	67010900	ABRAZ.REGULACION
60000183	TORN.EXAG.DIN-931 14* 90 8.8 ZINC.	67012900	ABRAZ.PRISION ZINC.
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	67014910	TAPA DISCOS (D/16)
60000211	TUER.AUTO.DIN-985 20 8.8	67102900	MANIVELA DISCO SB/SH
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	67103900	GIRO DISCOS NON-STOP
60000274	TORN.EXAG.DIN-931 20* 70 8.8 ZINC.	67104900	PLACA SOP.GIRO DISCOS NON-STOP
60000302	TORN.EXAG.DIN-931 12* 55 8.8	67105900	BRAZO DISCOS NON-STOP
60000493	TORN.ALLEN DIN-7991 10* 25 10.9 ZINC.	67107900	CORREDERA MUELLE DISCOS NON-STOP
64000083	DISCO PLANO MUESC.ARADO 1983-18" 5mm.R-68	67111900	CASQ.D= 30/12,5*21mm.SEP.SOP.DISCOS NON-STOP
64000102	DISCO PLANO LISO ARADO 1983-20" 5mm.R-68	70005900	ARAND.RFZO.D= 58*21 E-10mm.
64000117	DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68		

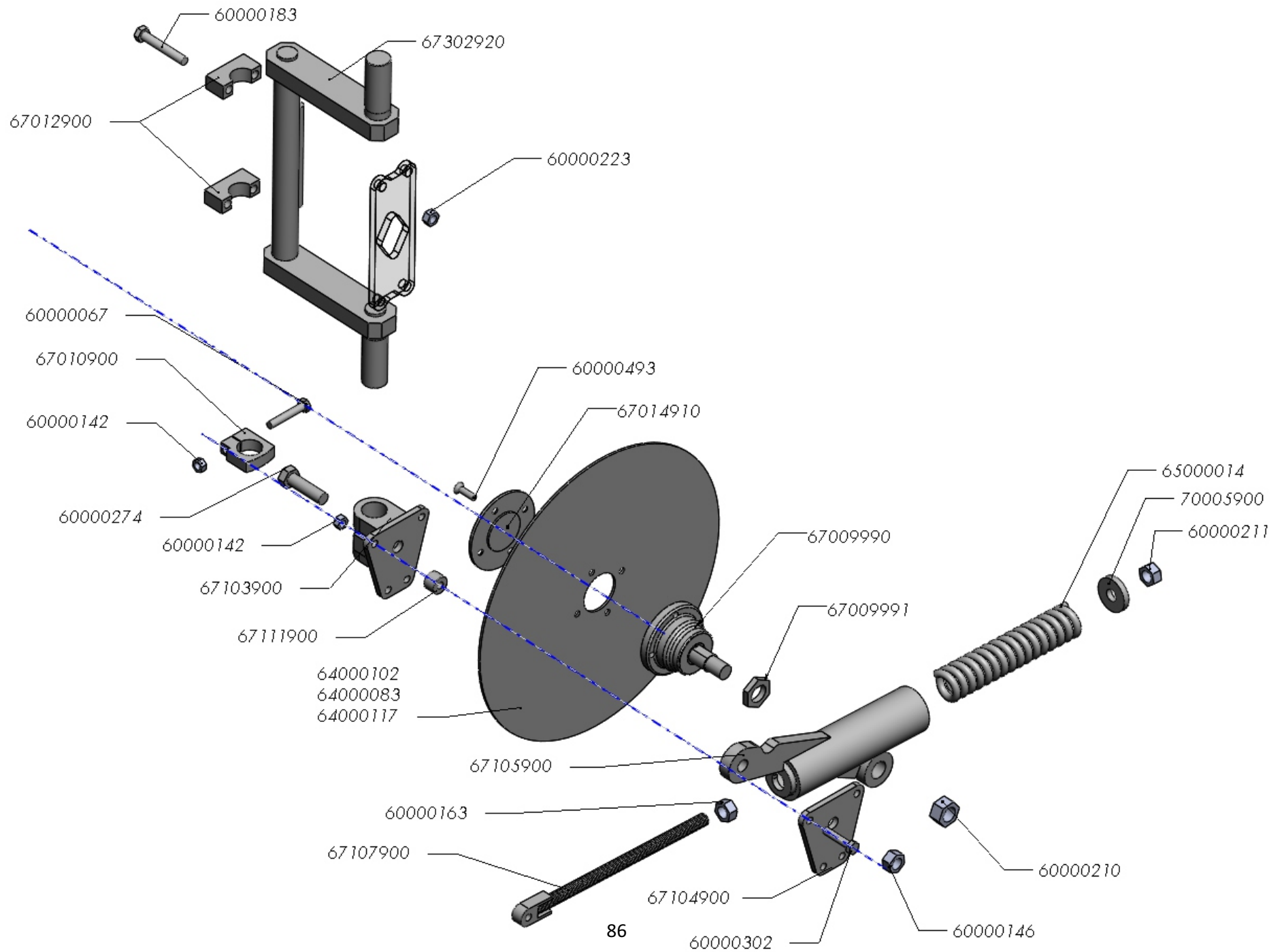
DISC COULTERS SB – SH XL



DISC COULTERS SB – SH XL

REFERENCIA	DESCRIPCIÓN
60000067	TORN.EXAG.DIN-931 12* 70 8.8 ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
60000183	TORN.EXAG.DIN-931 14* 90 8.8 ZINC.
60000210	TUER.AUTO.DIN-985 1" SAE 8.8
60000211	TUER.AUTO.DIN-985 20 8.8
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.
60000296	TORN.EXAG.DIN-931 20* 90 8.8 ZINC.
60000493	TORN.ALLEN DIN-7991 10* 25 10.9 ZINC.
64000102	DISCO PLANO LISO ARADO 1983-20" 5mm.R-68
64000117	DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68
67009990	CONJ.BUJE + EJE DISCOS 20" (D/16)
67009991	ARANDELA FRENO BUJE DISCOS
67010900	ABRAZ.REGULACION
67012900	ABRAZ.PRISION ZINC.
67013900	SOP.GIRO DISCOS 20"
67014910	TAPA DISCOS (D/16)
67015900	BRAZO DISCOS 20"
67302920	MANIVELA LVB/H

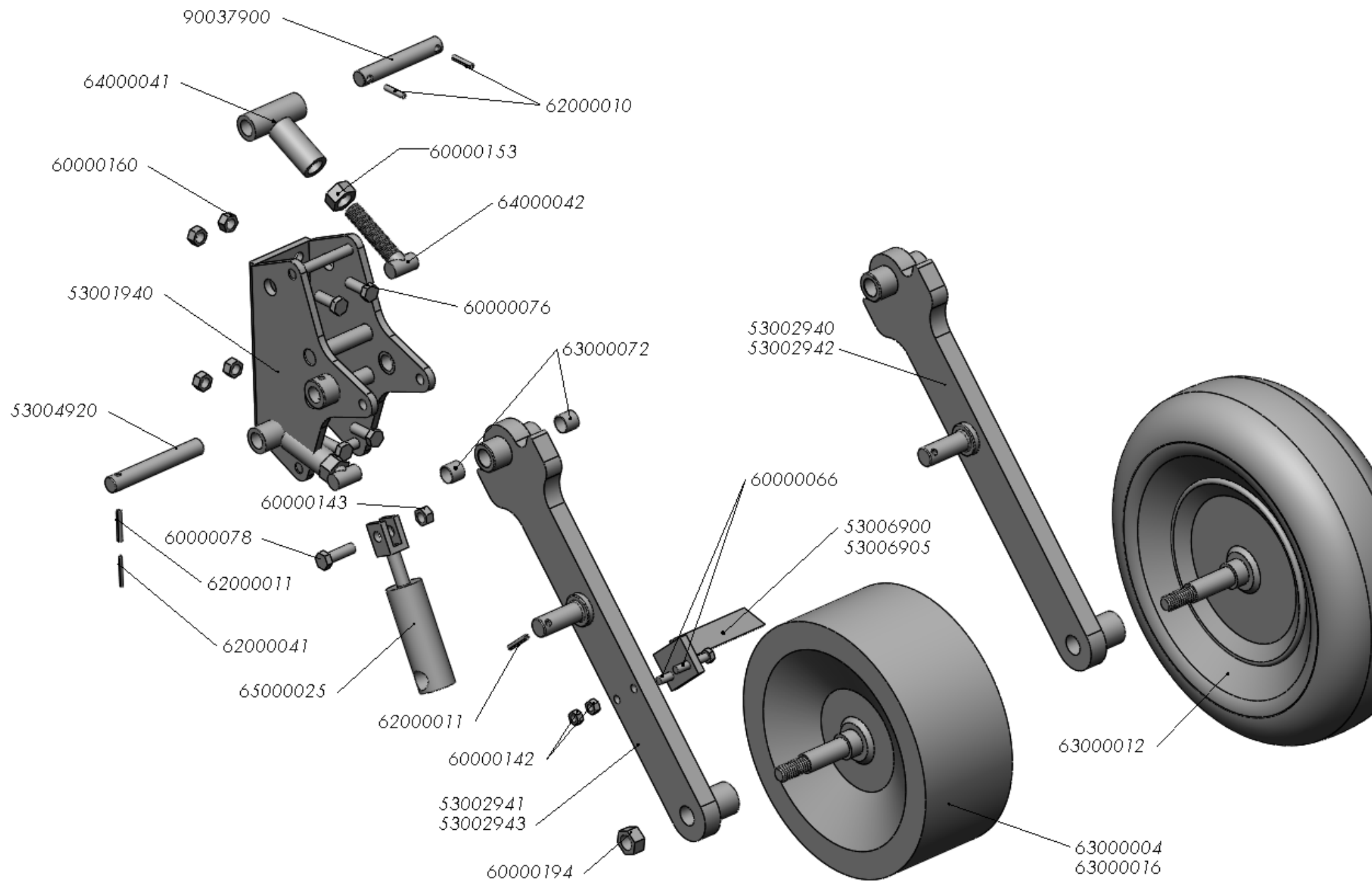
DISC COULTERS NON STOP SB – SH XL



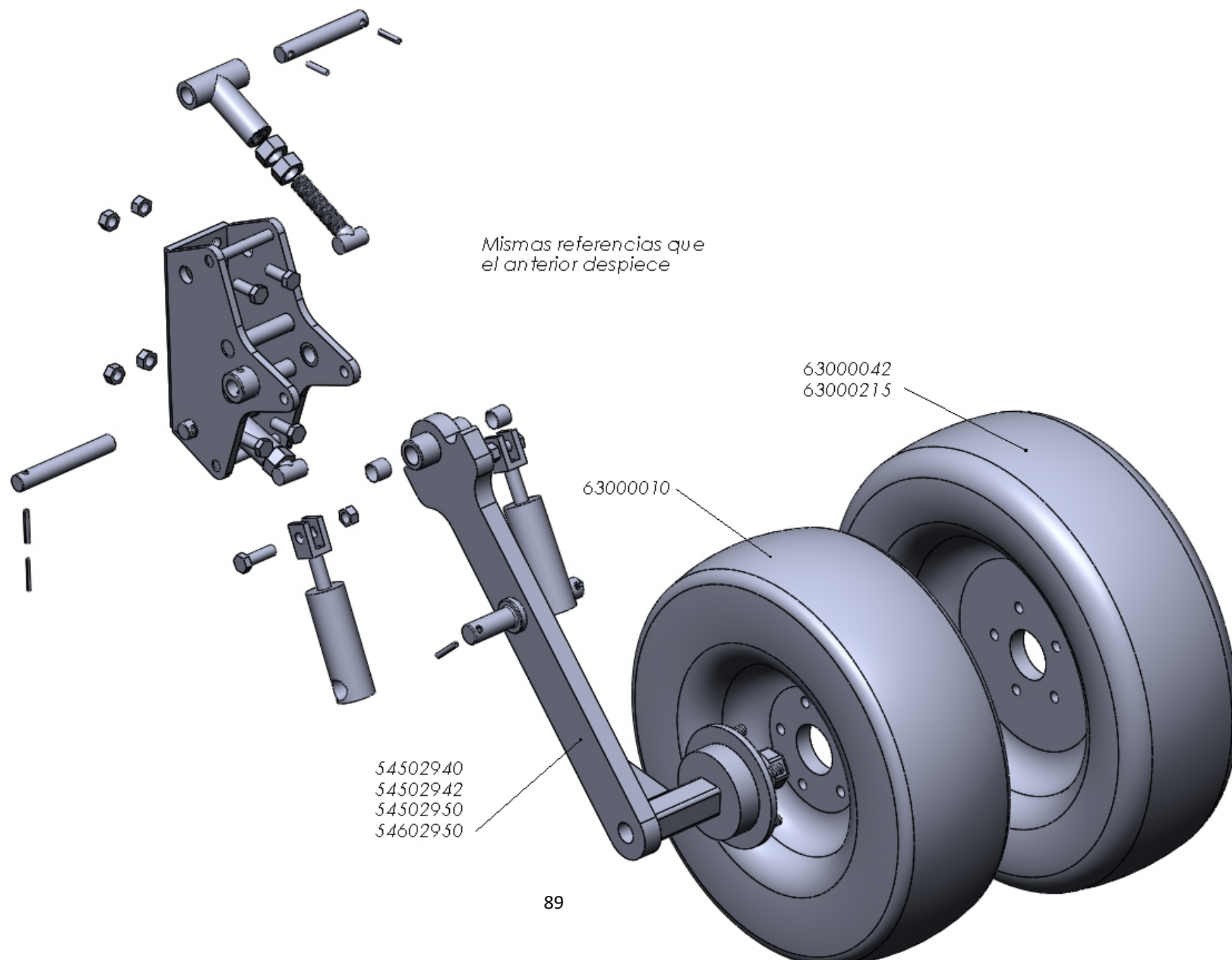
DISC COULTERS NON STOP SB – SH XL

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
60000067	TORN.EXAG.DIN-931 12* 70 8.8 ZINC.	64000117	DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.	65000014	MUELLE COMPR.CILIN.275*57*12 LUZ-5
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	67009990	CONJ.BUJE + EJE DISCOS 20" (D/16)
60000163	TUER.EXAG.DIN-934 20 8.8	67009991	ARANDELA FRENO BUJE DISCOS
60000183	TORN.EXAG.DIN-931 14* 90 8.8 ZINC.	67010900	ABRAZ.REGULACION
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	67012900	ABRAZ.PRISION ZINC.
60000211	TUER.AUTO.DIN-985 20 8.8	67014910	TAPA DISCOS (D/16)
60000223	TUER.AUTO.DIN-980 14 8.8 ZINC.	67103900	GIRO DISCOS NON-STOP
60000274	TORN.EXAG.DIN-931 20* 70 8.8 ZINC.	67104900	PLACA SOP.GIRO DISCOS NON-STOP
60000302	TORN.EXAG.DIN-931 12* 55 8.8	67105900	BRAZO DISCOS NON-STOP
60000493	TORN.ALLEN DIN-7991 10* 25 10.9 ZINC.	67107900	CORREDERA MUELLE DISCOS NON-STOP
64000001	DISCO PLANO LISO ARADO 1983-18" 5mm.R-68	67111900	CASQ.D= 30/12,5*21mm.SEP.SOP.DISCOS NON-STOP
64000083	DISCO PLANO MUESC.ARADO 1983-18" 5mm.R-68	67302920	MANIVELA LVB/H
64000102	DISCO PLANO LISO ARADO 1983-20" 5mm.R-68	70005900	ARAND.RFZO.D= 58*21 E-10mm.
64000117	DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68		

CONTROL WHEEL



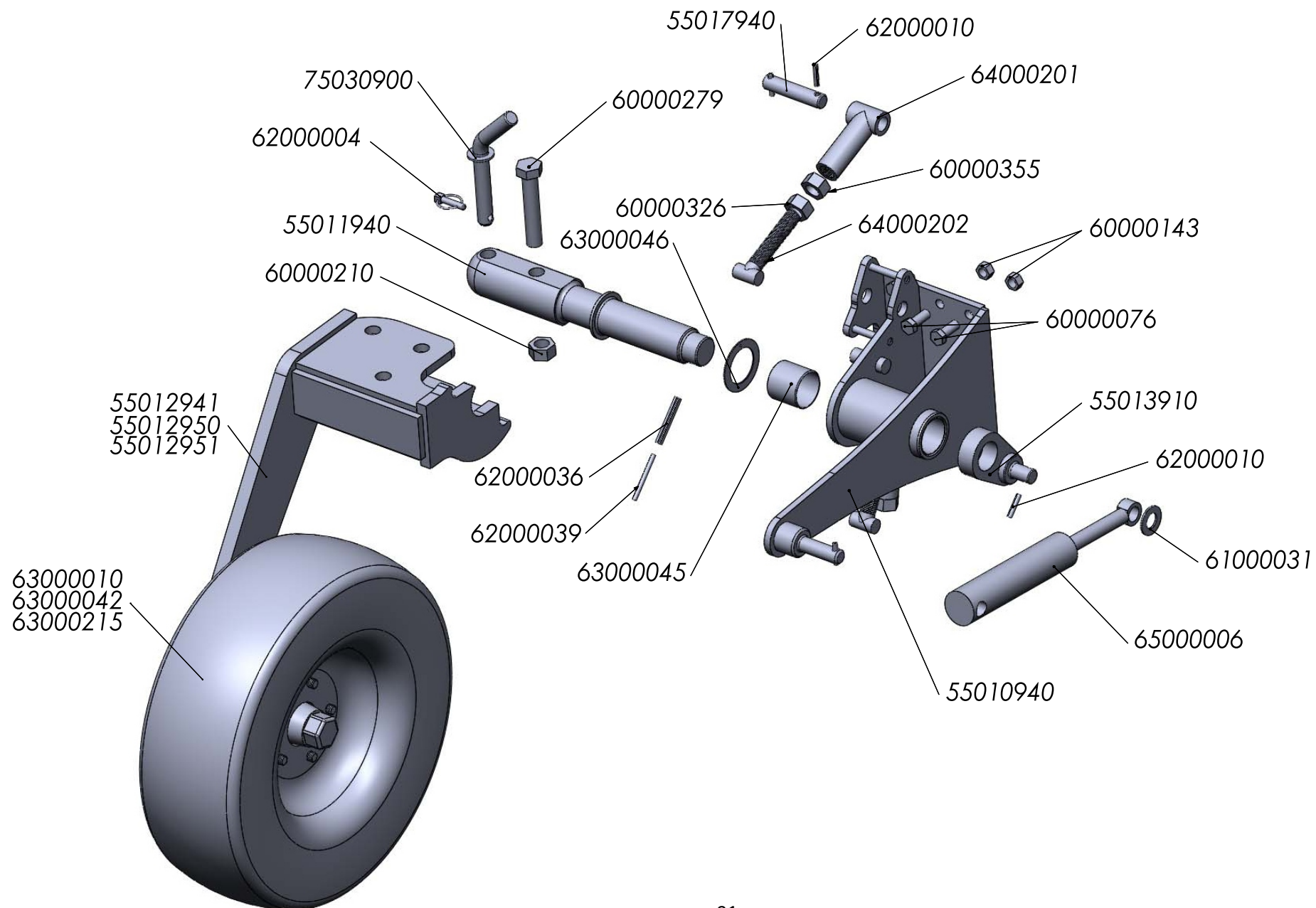
CONTROL WHEEL 608 - 686



CONTROL WHEEL 608 - 686

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
53001940	SOP.RDA.CONTROL (D/04)	60000153	TUER.EXAG.DIN-934 1"SAE 8.8 ZINC.
53002940	BRAZO RDA.NEUM.REV.(D/04)	60000160	TUER.EXAG.DIN-934 16 8.8 ZINC.
53002941	BRAZO RDA.MET.REV.(D/04)	60000194	TUER.AUTO.DIN-985 24/200 8.8
53002942	BRAZO RDA.NEUM.REV.D/85 (D/04)	62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
53002943	BRAZO RDA.MET.REV.D/85 (D/04)	62000011	PASADOR ELAST.DIN-1481 8* 50 ZINC.
53004920	BULON D=25*175mm.BRAZO RDA.(D/03)	62000041	PASADOR ELAST.DIN-1481 5* 50
53006900	CUCHILLA RDA.	63000004	R.M.C/EJE 400*170*3 RAL-3001
53006905	CUCHILLA RDA.(5)	63000010	R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029
54502940	BRAZO RDA.NEUM.(608*205) REV.(D/04)	63000012	R.N.C/EJE 6.00*9"-10PR V50 RAL-6029
54502942	BRAZO RDA.NEUM.(608*205/685*260) REV.D/85cm.(D/04)	63000016	R.M.C/EJE 500*180*3 RAL-3001
54502950	BRAZO RDA.NEUM.(685*260) REV.(D/04)	63000042	R.N.C/ATAQUE 250/65*14,5"-12PR RAL-6029
54602950	BRAZO RDA.NEUM.(686*304) REV.(D/04)	63000072	CASQ.FRICCION PAP 2525 P10
60000066	TORN.EXAG.DIN-931 12* 60 8.8 ZINC.	63000215	R.N.C/ATAQUE 320/60-12 132A8 421TT
60000076	TORN.EXAG.DIN-933 16* 40 8.8 ZINC.	64000041	SOP.TOPE MOVIL ZINC.
60000078	TORN.EXAG.DIN-933 16* 50 8.8 ZINC.	64000042	TOPE MOVIL TRATADO + ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.	65000025	AMORTIGUADOR C/HORQ. 20/50/ 39
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	90037900	BULON D=25*154mm.TOPE RDA.

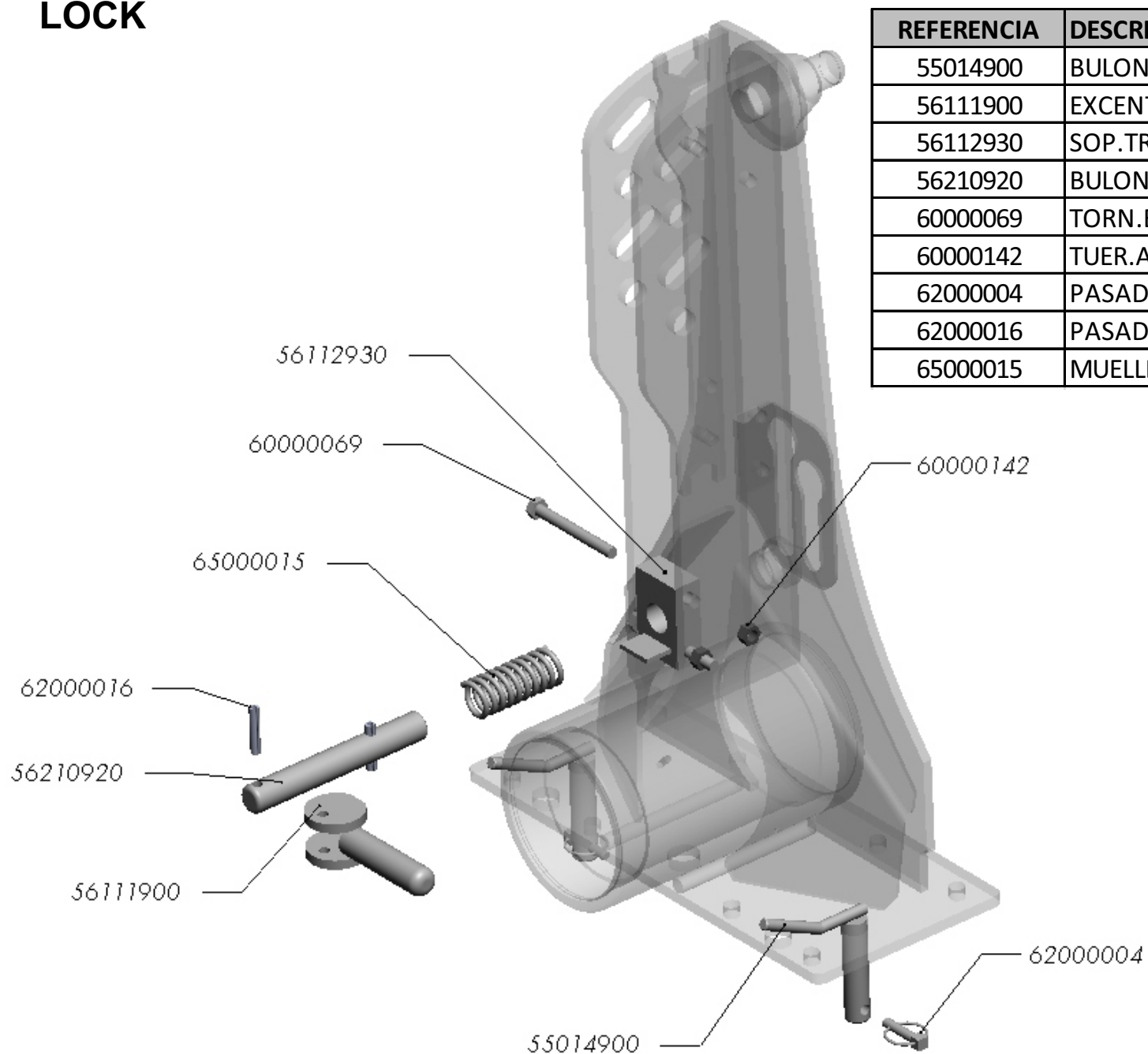
BACK C/T WHEEL



BACK C/T WHEEL

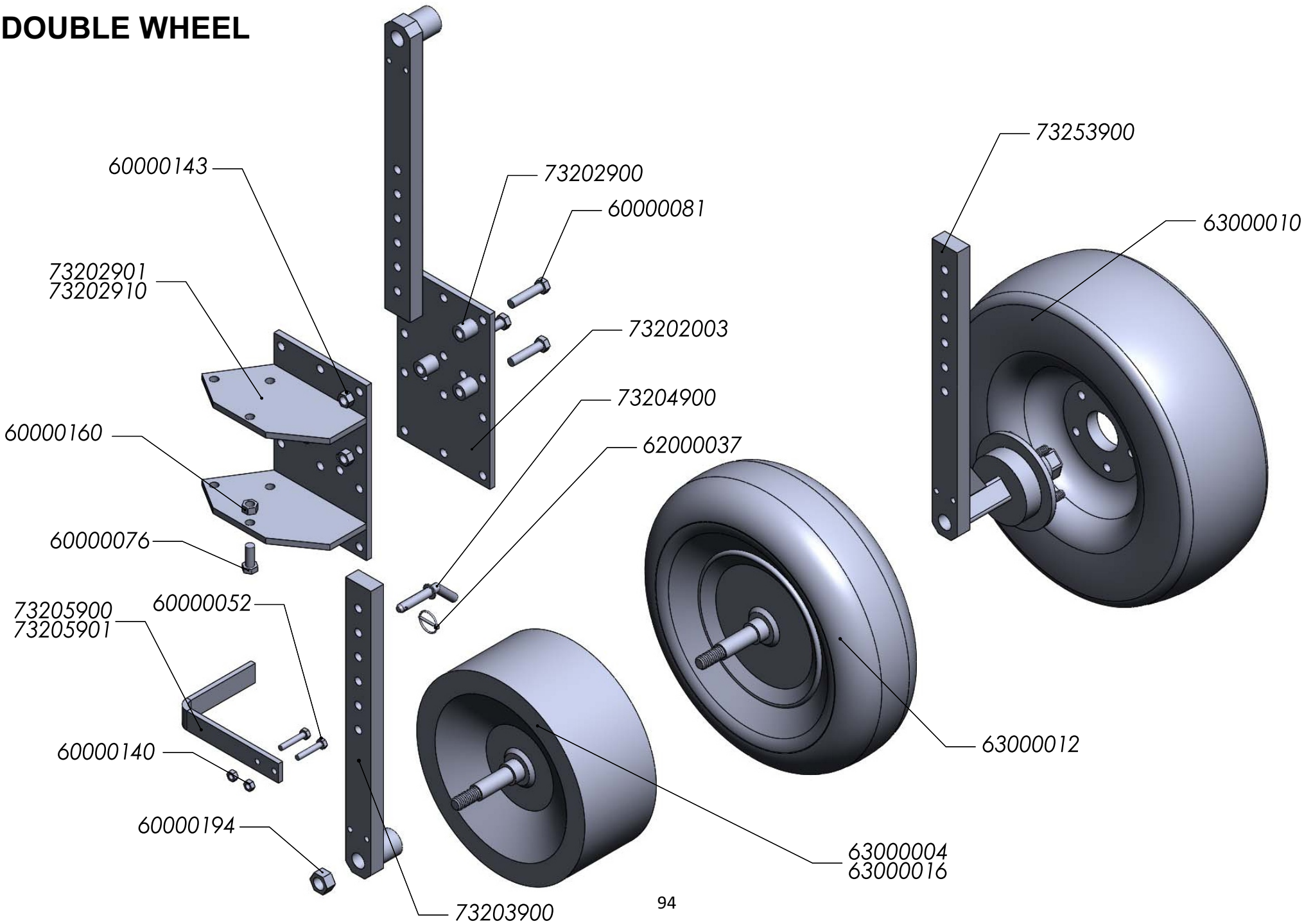
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
55010940	SOP.RDA.C/T (D/03)	62000004	PASADOR ANILLA 10 ZINC.
55011940	EJE RDA.C/T (D/03)	62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
55012941	BRAZO RDA.C/T (608*205/685*260) D/85 (D/03)	62000036	PASADOR ELAST.DIN-1481 12* 80 ZINC.
55012950	BRAZO RDA.C/T (608*205/685*260)(D/03)	62000039	PASADOR ELAST.DIN-1481 7* 80 ZINC.
55012951	BRAZO RDA.C/T (686*304) (D/03)	63000010	R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029
55013910	EXCENTRICA RDA.C/T (D/02)	63000042	R.N.C/ATAQUE 250/65*14,5"-12PR RAL-6029
55017940	BULON D=25*116mm.TOPE RDA.C/T	63000045	CASQ.FRICCION PAP 6060 P10
60000076	TORN.EXAG.DIN-933 16* 40 8.8 ZINC.	63000046	DISCO FRICCION PAW 62 P10
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	63000215	R.N.C/ATAQUE 320/60-12 132A8 421TT
60000210	TUER.AUTO.DIN-985 1" SAE 8.8	64000201	SOP.TOPE MOVIL RDA.C/T ZINC.
60000279	TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC.	64000202	TOPE MOVIL RDA.C/T TRATADO + ZINC.
60000326	TUER.BAJA DIN-936 30/200 8.8 ZINC.	65000006	AMORTIGUADOR C/ROT. 25/50/145
60000355	TUER.TOPE VOLTEO 30/200 8.8 ZINC.	75030900	BULON D=25*255mm.RDA.C/T
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)		

LOCK



REFERENCIA	DESCRIPCIÓN
55014900	BULON D=25*110mm.BLOQUEO/BRAZO RODILLO
56111900	EXCENTRICA TRABADERO
56112930	SOP.TRABADERO (C-120/150)
56210920	BULON D=29,5*214mm.TRABADERO (D/03)
60000069	TORN.EXAG.DIN-931 12*110 8.8 ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
62000004	PASADOR ANILLA 10 ZINC.
62000016	PASADOR ELAST.DIN-1481 10* 50 ZINC.
65000015	MUELLE COMPR.CILIND.110*40*5 ZINC.

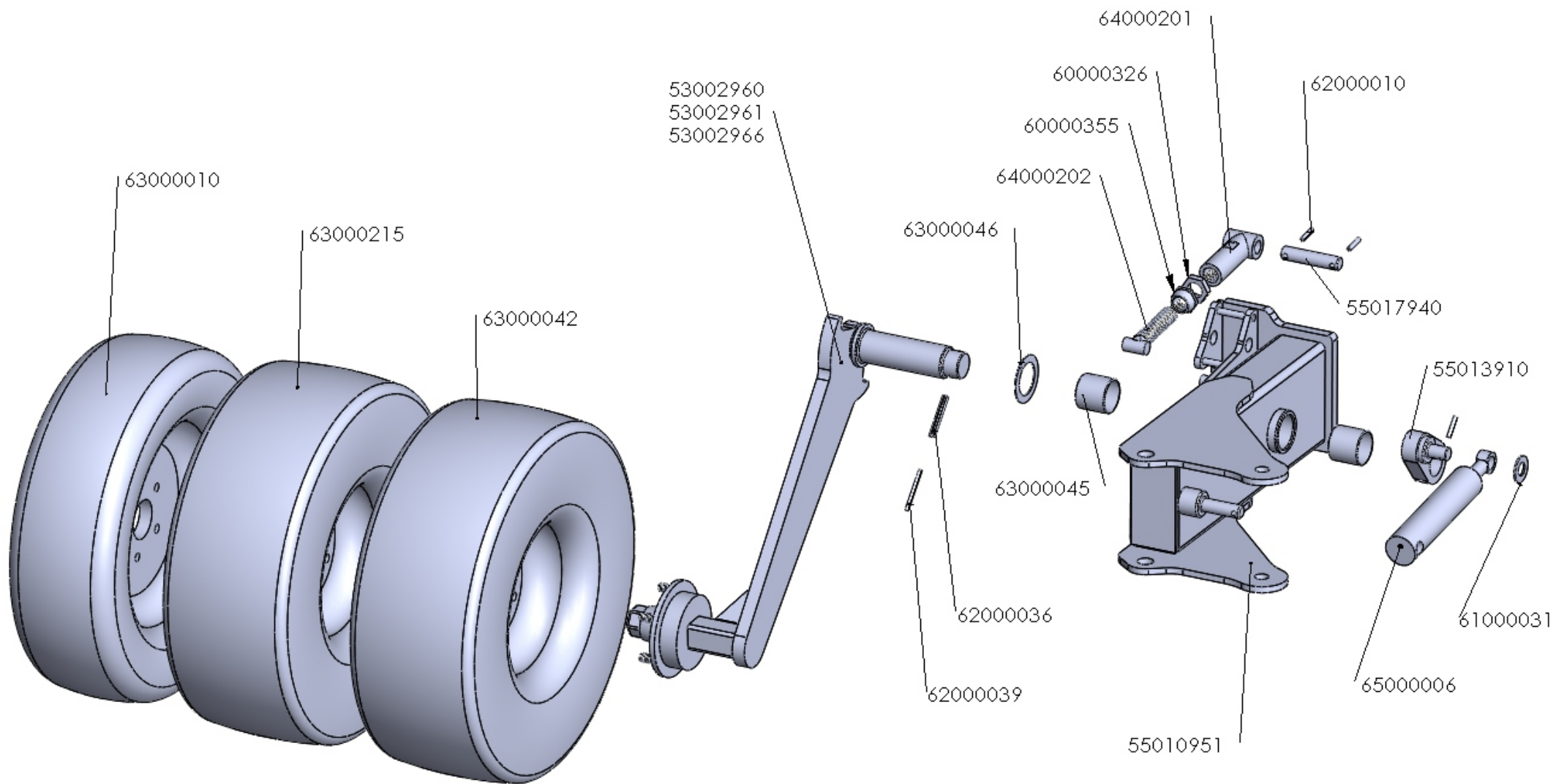
DOUBLE WHEEL



DOUBLE WHEEL

REFERENCIA	DESCRIPCIÓN
60000052	TORN.EXAG.DIN-931 10* 55 10.9 ZINC.
60000076	TORN.EXAG.DIN-933 16* 40 8.8 ZINC.
60000081	TORN.EXAG.DIN-931 16* 70 8.8 ZINC.
60000140	TUER.AUTO.DIN-980 10 8.8 ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
60000160	TUER.EXAG.DIN-934 16 8.8 ZINC.
60000194	TUER.AUTO.DIN-985 24/200 8.8
62000037	PASADOR ANILLA 4,5 ZINC.
63000004	R.M.C/EJE 400*170*3 RAL-3001
63000010	R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029
63000012	R.N.C/EJE 6.00*9"-10PR V50 RAL-6029
63000016	R.M.C/EJE 500*180*3 RAL-3001
73202003	PLACA LAT.RDA.DOBLE S (D/03)
73202900	CASQ.D= 30/16,5*31,5mm.SEP.SOP.RDA.DOBLE
73203900	BRAZO RDA.DOBLE MET./NEUM.
73204900	BULON D=16*150mm.REG.RDA.DOBLE
73205900	CUCHILLA RDA.MET.DOBLE
73205901	CUCHILLA RDA.DOBLE (5)
73202901	SOP.RDA.DOBLE S/SN
73202910	SOP.RDA.DOBLE LN
73253900	BRAZO RDA.DOBLE NEUM.(608*205)

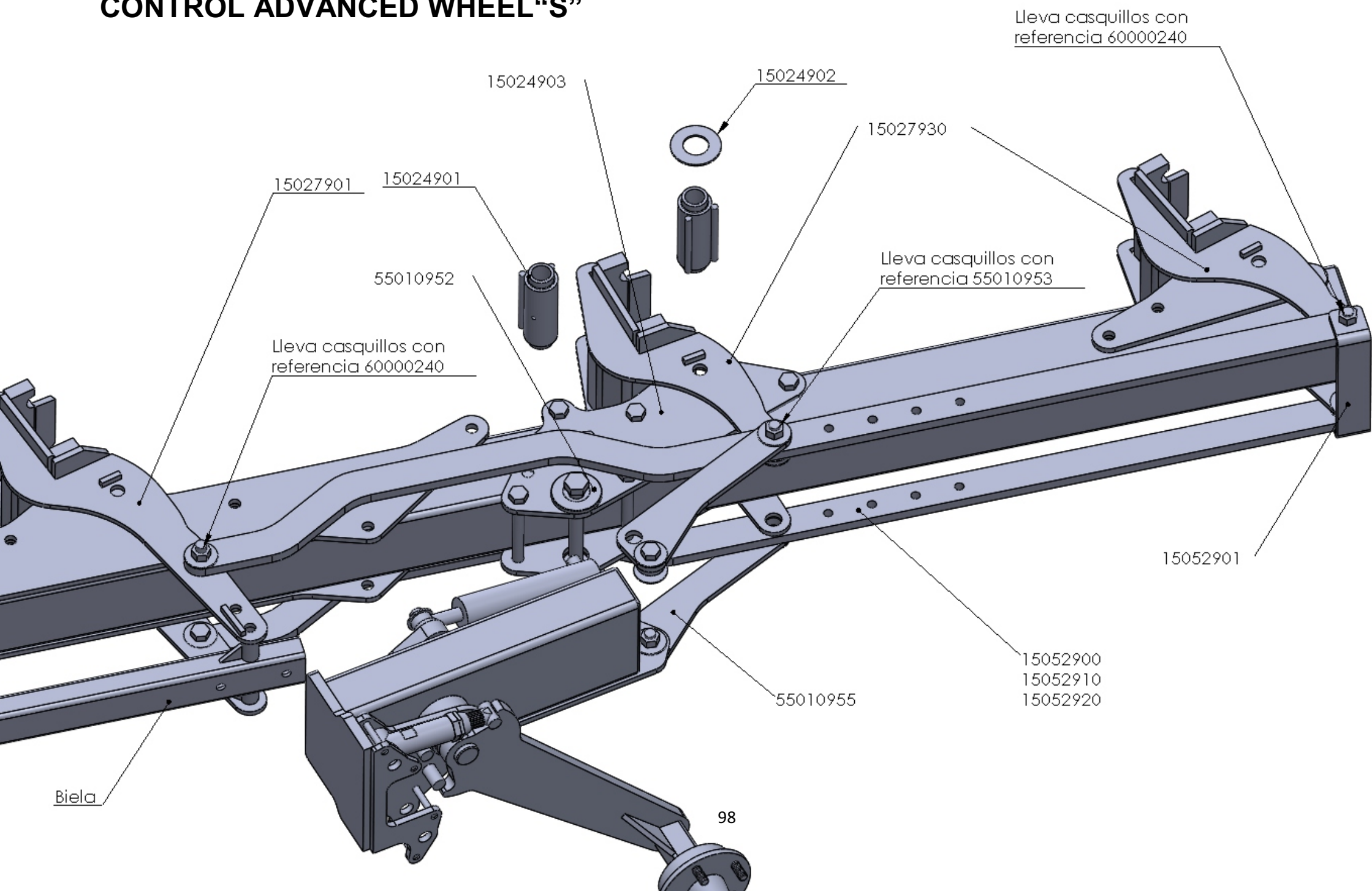
CONTROL ADVANCED WHEEL “S”



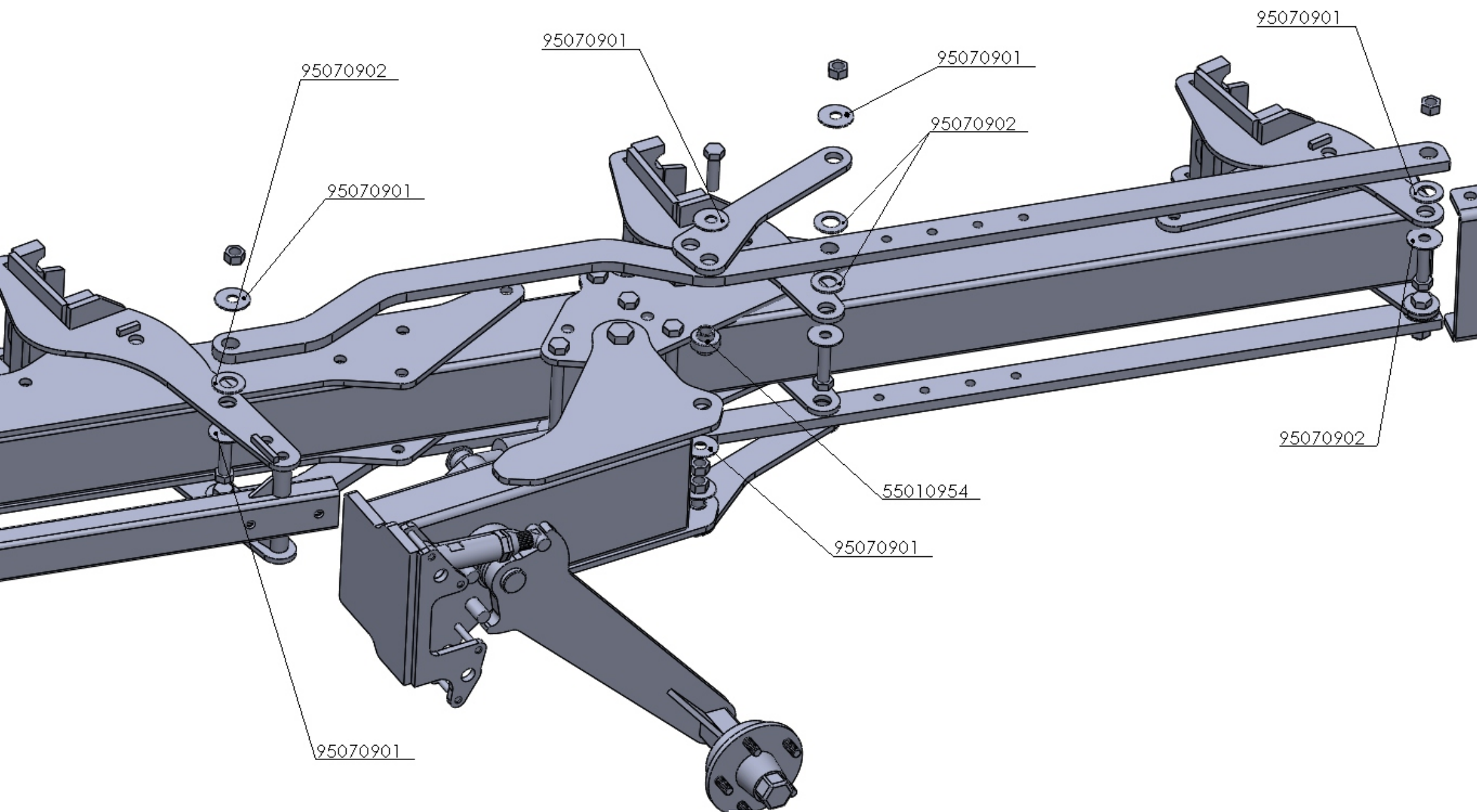
CONTROL ADVANCED WHEEL“S”

REFERENCIA	DESCRIPCIÓN
53002960	BRAZO RDA.NEUM(608*205/685*260) AVZD.
53002961	BRAZO RDA.NEUM(608*205/685*260) AVZD.D/85
53002966	BRAZO RDA.NEUM(686*304) AVZD.
55010951	SOP.RDA.AVZD.S (D/13)
55013910	EXCENTRICA RDA.C/T (D/02)
55017940	BULON D=25*116mm.TOPE RDA.C/T
60000326	TUER.BAJA DIN-936 30/200 8.8 ZINC.
60000355	TUER.TOPE VOLTEO 30/200 8.8 ZINC.
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
62000036	PASADOR ELAST.DIN-1481 12* 80 ZINC.
62000039	PASADOR ELAST.DIN-1481 7* 80 ZINC.
63000010	R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029
63000042	R.N.C/ATAQUE 250/65*14,5"-12PR RAL-6029
63000045	CASQ.FRICCION PAP 6060 P10
63000046	DISCO FRICCION PAW 62 P10
63000215	R.N.C/ATAQUE 320/60-12 132A8 421TT
64000201	SOP.TOPE MOVIL RDA.C/T ZINC.
64000202	TOPE MOVIL RDA.C/T TRATADO + ZINC.
65000006	AMORTIGUADOR C/ROT. 25/50/145

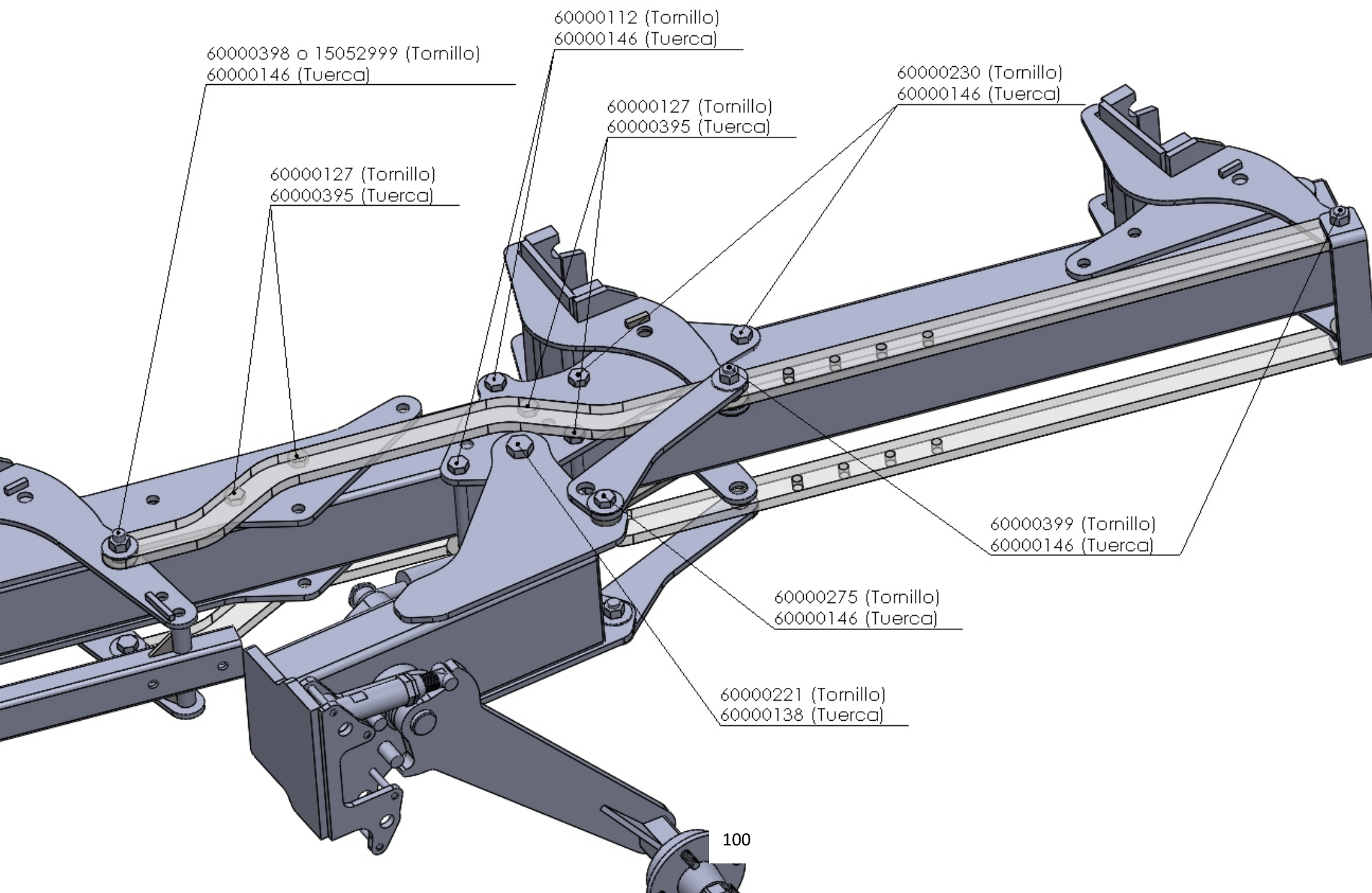
CONTROL ADVANCED WHEEL "S"



CONTROL ADVANCED WHEEL "S"



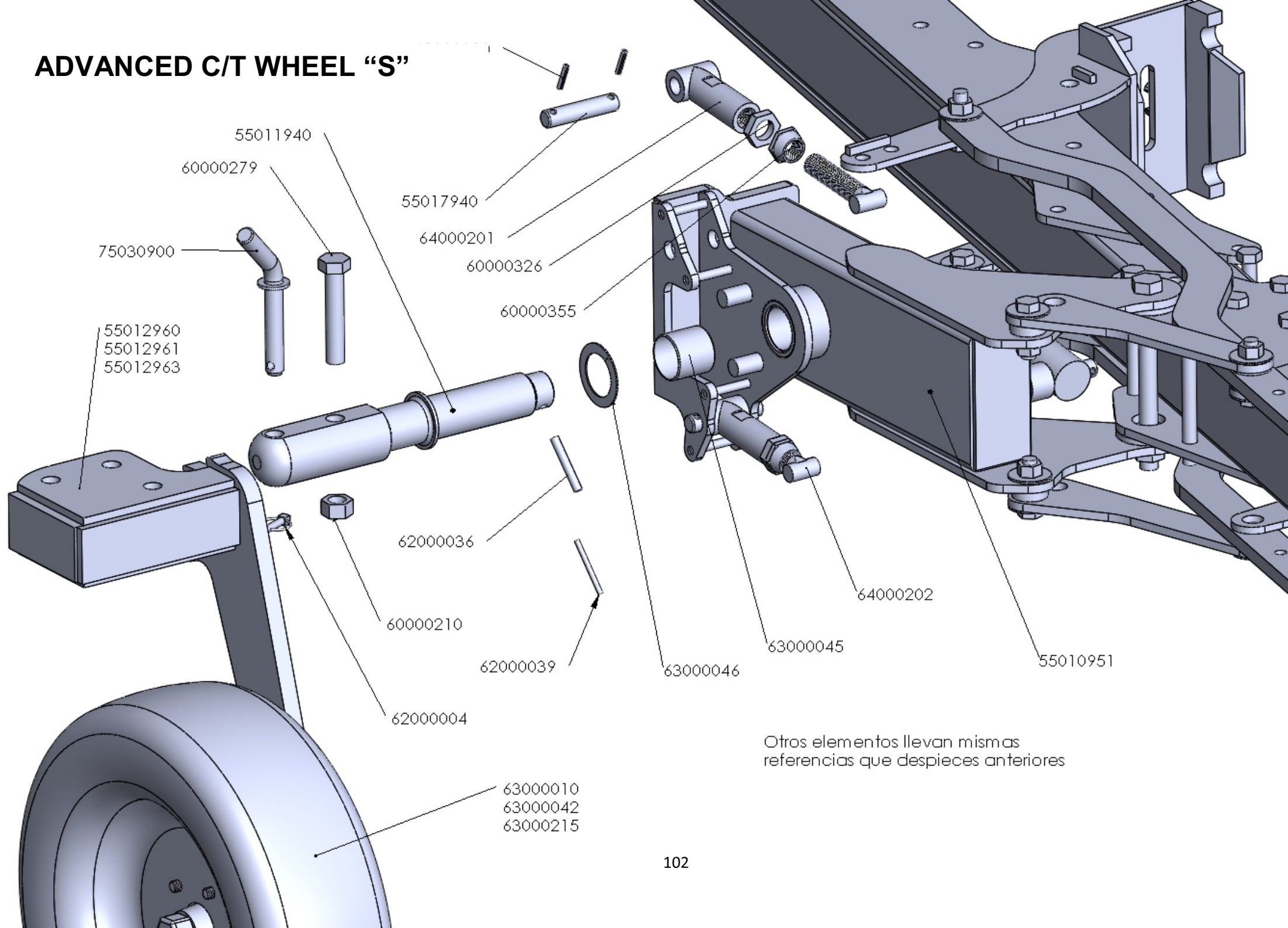
CONTROL ADVANCED WHEEL "S"



CONTROL ADVANCED WHEEL “S”

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15024901	CASQ.D= 60/45,9/35*183mm.C/VAR.PORTAC.SN	60000112	TORN.EXAG.DIN-931 20*200 8.8
15024902	ARAND.D=90/46*4mm.CEM.PORTAC.SN	60000127	TORN.EXAG.DIN-931 20*190 8.8
15024903	PLACA SOP.GIRO PORTACAMBAS/RDA SN	60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
15027901	SOP.ARTIC.CAMBA SBN (BIEL.MET.LARGO)	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15027930	SOP.ARTIC.CAMBA SBN (BIEL.MET.CORTO)	60000221	TORN.EXAG.C/LAR.1"*260 SAE 12.9
15052900	EMPALME BIELA RDA AVZD.95	60000230	TORN.EXAG.C/LAR.20*200 12.9
15052901	LLANTA UNION BIELAS METIDAS	60000240	CASQ.D= 29,7/20,5*34mm.CEM.ARTIC.BIELA SS
15052910	EMPALME BIELA RDA AVZD.85	60000275	TORN.EXAG.DIN-931 20* 80 8.8 ZINC.
15052920	EMPALME BIELA RDA AVZD.105	60000395	TUER.AUTO.DIN-980 20 8.8 BAJA ZINC.
15052999	TORNILLO BIELA RDA.AVANZADA	60000398	TORN.EXAG.DIN-931 20* 70 8.8 BAJO
55010953	CASQ.D= 29,7/20,5*49mm.CEM.ARTIC.BIELA SS	60000399	TORN.EXAG.DIN-931 20* 80 8.8 BAJO
55010954	CASQ.SEP.BIELA RDA C/T AVZDA.	95070901	ARAND.DIN-9021 20 CEMENTADA
55010955	BIELA SOP. RDA C/T AVZDA.	95070902	ARAND.DIN-125 30 CEMENTADA
60000100	TORN.EXAG.DIN-931 20* 70 8.8		

ADVANCED C/T WHEEL "S"



Otros elementos llevan mismas referencias que despieces anteriores

ADVANCED C/T WHEEL “S”

REFERENCIA	DESCRIPCIÓN
55010951	SOP.RDA.AVZD.S (D/13)
55011940	SOP.RDA.C/T (D/03)
55012960	BRAZO RDA.C/T AVZD.(608*205/685*260)(D/10)
55012961	BRAZO RDA.C/T AVZD.D/85 (608*205/685*260)(D/10)
55012963	BRAZO RDA.C/T AVZD.(686*304) (D/10)
55017940	BULON D=25*116mm.TOPE RDA.C/T
60000210	TUER.AUTO.DIN-985 1" SAE 8.8
60000279	TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC.
60000326	TUER.BAJA DIN-936 30/200 8.8 ZINC.
60000355	TUER.TOPE VOLTEO 30/200 8.8 ZINC.
62000004	PASADOR ANILLA 10 ZINC.
62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
62000036	PASADOR ELAST.DIN-1481 12* 80 ZINC.
62000039	PASADOR ELAST.DIN-1481 7* 80 ZINC.
63000010	R.N.C/ATAQUE 200/60*14,5"-10PR RAL-6029
63000042	R.N.C/ATAQUE 250/65*14,5"-12PR RAL-6029
63000045	CASQ.FRICCION PAP 6060 P10
63000046	DISCO FRICCION PAW 62 P10
63000215	R.N.C/ATAQUE 320/60-12 132A8 421TT
64000201	SOP.TOPE MOVIL RDA.C/T ZINC.
64000202	TOPE MOVIL RDA.C/T TRATADO + ZINC.
75030900	BULON D=25*255mm.RDA.C/T



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FÁBRICA Y ADMINISTRACIÓN

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