ovlac

INSTRUCTION MANUAL AND SPARE PARTS

CE

TO BE READ CAREFULLY BEFORE STARTING THE MACHINE

REVISION 2020

XP

USER CONSIDERATIONS

This instruction manual, which must be considered an integral part of the machine, describes the **Rules of Use and Maintenance and includes spare parts for the machines indicated.**

You have just acquired an OVLAC machine, and we thank you for the confidence you have placed in us by your choice.

After a long period of testing, research and continuous improvement, we have arrived at the design and manufacture of this equipment.

- OPTIMAL USE OF THE MACHINE

This agricultural equipment, called **XPERIENCE-XP Plough**, is designed for soil cultivation, coupled to a tractor with a lifting device and a universal three-point linkage.

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 jeopardize 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.

- IMPROVEMENTS

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 STANDARDS

Read all instructions for use of this machine carefully.

The manufacturer declines all responsibility for any inconvenience caused by failure to comply with the Safety and Accident Prevention Standards described below.

1.- Follow the safety instructions in this instruction manual (Fig. 1) and on the machine.

2.- Always carry out repairs and adjustments to the equipment with the engine stopped and the tractor locked.

3.- It is strictly forbidden to transport people or animals on the machine.

4.- It is strictly forbidden to entrust the driving of the tractor with the machine attached to persons without a driving license, inexperienced or in poor health**.**

5.- Strictly observe all the recommended accident prevention measures described in this manual.

6.- When fitting additional equipment to the tractor, the weight distribution on the tractor axles must be different.

7.- Before starting up the tractor and the **XPERIENCE-XP Plough**, check that all safety devices for transport and operation are in perfect condition.

8.- The symbols with warnings on the machine give appropriate hints for the use of the machine.

9.- When driving on the road, it is necessary to observe the traffic regulations in force in the country of use.

10.- Comply with the maximum permissible tractor weight, the permissible total weight, the transport regulations and the traffic regulations.

11.- Before starting work, familiarize yourself with the control devices.

12.- Pay particular attention to coupling and uncoupling the machine.

13.- Never leave the driver's seat when the tractor is in motion.

14.- Keep in mind that handling, steering and braking can vary considerably due to the presence of attached equipment.

15.- It is strictly forbidden to stay within the operating area of the machine.

16.- Before leaving the tractor lower the mounted implement, switch off the engine, apply the parking brake and remove the ignition key from the control panel.

17.- The category of the coupling bolts on the cultivator must correspond to the category of the linkage coupling.

18.- Pay particular attention when working in the area of the tractor's extension arms, as this is a very dangerous area.

19.- It is strictly forbidden to stand between the tractor and the machine when operating the external lifting gear.

20.- For road transport with attached equipment, move the operating lever of the hydraulic lift to the locking position.

21.- Spare parts must correspond to the requirements specified by the manufacturer. Always use original spare parts.

22.- The safety decals must always be visible. Clean them and replace them if they are not legible (they can be ordered from your dealer).

23.- The operating manual must be kept for the entire life of the machine.

(Fig.1) WARNING

Before you start working, read the instructions contained in this manual.

DANGER

Do not handle the tool when it is lifted, as there is a risk of been crushed. Keep a safe distance.

DANGER

Turning the XPERIENCE XP PLOUGH over can cause injury on approach. Maintain a safe distance.

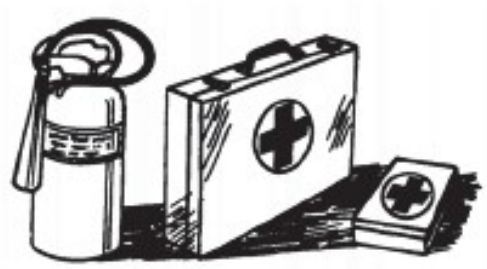
Be prepared in case of emergency

Keep a first aid kit and fire extinguisher handy. Write down the phone numbers of doctors, ambulances and firefighters and keep them by the phone.

Wear appropriate clothing

Avoid loose clothing and use safety equipment appropriate for the type of work. Operating the machine in a safe manner requires the full attention of the operator.

Do not wear headphones to listen to the radio while working with the machine.



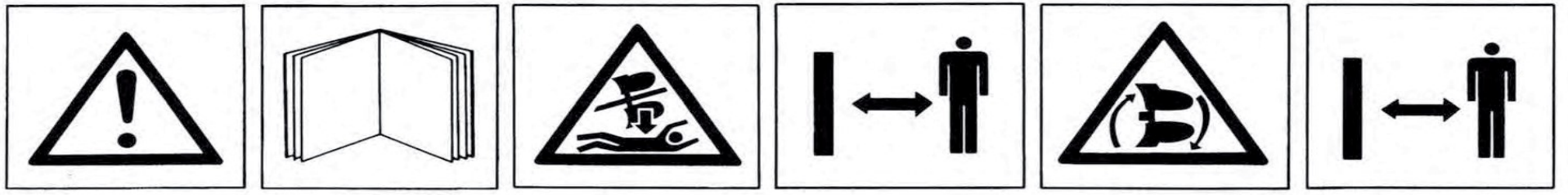


Fig. 1

2. SPECIFIC INSTRUCTIONS FOR WELDING REPAIRS

Where welding repairs are authorized by the manufacturer, the following points should be taken into account in general.

In special cases, appropriate welding instructions must be provided for each application.

1. Repair welding must be carried out by qualified welders and in accordance with good practice, both technically and in terms of safety.

2. Before welding repairs are carried out, remove paint, rust, dirt or any other harmful substances.

To avoid damage to mechanical or hydraulic components such as bearings, shafts, hydraulic cylinders, hydraulic systems, etc., care must be taken to ensure that the earthling point is located in a good contact area, free of paint and rust.

In hydraulic bending machines, we have to make sure that the welding current does not pass through these elements, so we will place the earthling point on the same part of the machine to be repaired.

3. Our machines are made of high yield strength steels, which requires special attention in welding processes and filler materials. In general, E7016 or E7018 coated base electrodes will be used. For the MAG (semi-automatic) welding process, ER70S6 and Ar+20C02 wire should be used as shielding gas.

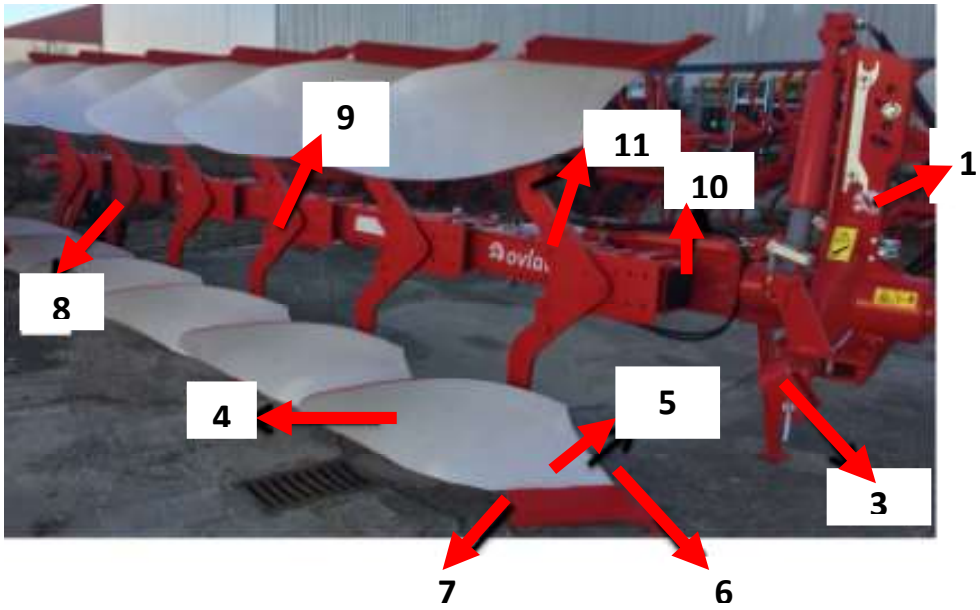
In both cases, observe the drying times and temperatures recommended by the manufacturers of the filler material.

5. When the parts to be welded are thicker than 15 mm or the ambient temperature is below 15ºC, it is recommended to preheat them with a flame at a temperature between 75 and 100ºC.

6. It is strictly forbidden to cool the welds with water, air or any other substance. In case of doubt during repair, please contact the manufacturer through the usual means of communication.

3. DESCRIPTION AND TECHNICAL DATA

1. HEADSTOCK
2. NUMBER PLATE / IDENTIFICATION
3. BALANCING BAR / OUTRIGGER
4. MOULDBOARD
5. MOULBOARD COMPLEMENT
6. POINT
7. SHARE
8. DEPTH CONTROL WHEEL
9. SECURITY SYSTEM
10. FRAME / BEAM
11. ANCHOR / ARM / FROG



Note: The Manufacturer's manufacturing number, engraved on the Nameplate, must match the number engraved on the frame or on the headstock.

NUMBER PLATE / IDETIFICATION (2)

4. VARILABOR (VARIABLE WIDTH ADJUSTMENT)

The **XPERIENCE-XP Plough** incorporates the exclusive **OVLAC** system for the control of the first mouldboard and the variable furrow -**Varilabor**-, which allows to adopt any working width between 10" (30 cm) and 20" (50 cm), with a single operation carried out on the turnbuckle A (Fig.3) (optional).

If you have purchased the hydraulic opening system, you can perform this operation from the tractor cab using the hydraulic cylinder B (Fig. 3), even while driving.

Indicator C (Fig. 3) shows the selected working width. The possibility of changing the furrow width allows the plough to be adapted to the soil conditions and the tractor power.

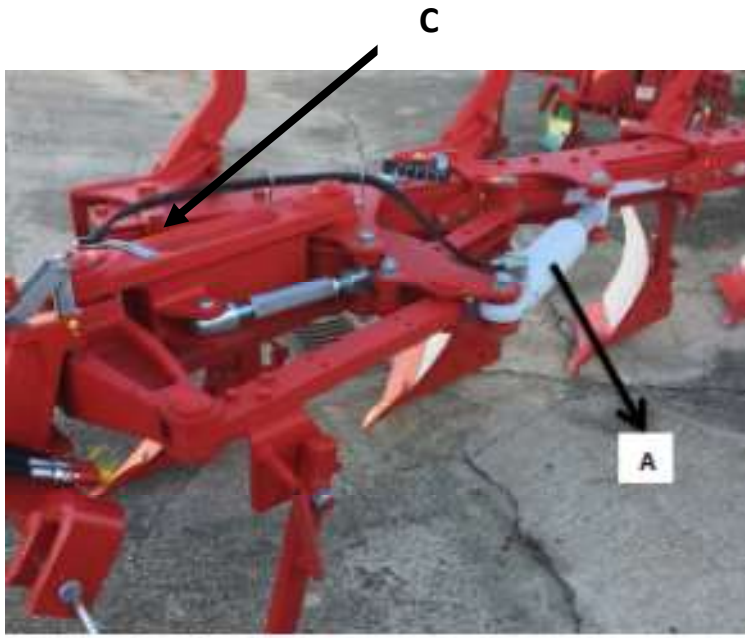


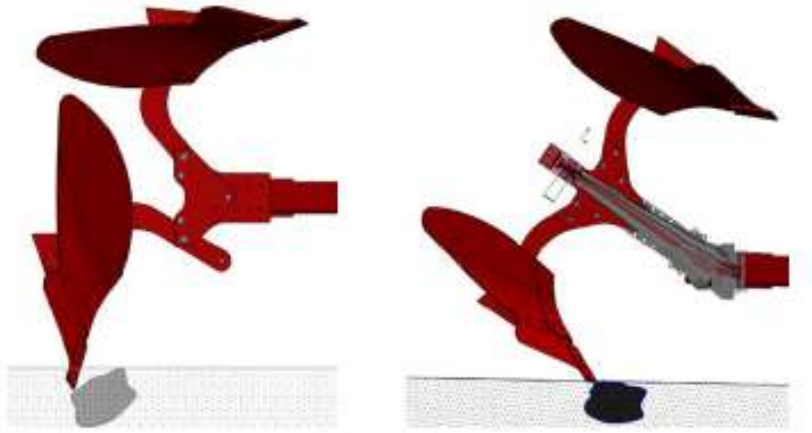
Fig. 3

5. NON-STOP SAFETY SYSTEMS

The **"Non-Stop"** (Hydro-pneumatic) safety systems operate automatically. When the tip / point hits an obstacle, the system gives way, allowing the arm to lift and save it and then return to its initial position without stopping the tractor (Fig. 4).

In this way, all impacts caused by the unevenness of the ground are absorbed by the safety system, thus protecting all the elements of the machine and, of course, the tractor as well.

For the same reason, the **"Non-Stop"** safety systems reduce the tractive effort by preventing the tractor from having to "deal" with all the obstacles that the terrain presents in order to carry out a uniform tillage of the soil.



Shearbolt **Non-Stop Hydropneumatic**

Fig. 4

Hydropneumatic models: In order to adapt the plough to the harsh conditions of the terrain, in the models with hydropneumatic safety system the shooting pressure can be regulated by injecting (in case of hard grounds) or withdrawing (in case of light grounds) circuit oil and thus modifying the pressure of the whole system (Fig.5).

This operation is carried out from the cabin of the tractor through the hose with pressure gauge supplied for such effect.

Note: OVLAC's Non-Stop safety systems are Factory set at optimum pressure for medium hardness ground average.

Fig. 5

6. GETTING STARTED

6.1 MOULDBOARDS

Remove the protective paint layer from the mouldboard before to start working to prevent the soil from sticking.

Check that the distances A1=A2 and B1=B2 as shown in the figure (Fig. 6). If these distances do not match, set by means of the tie rod C acting on the nuts D and D' (Fig. 7).

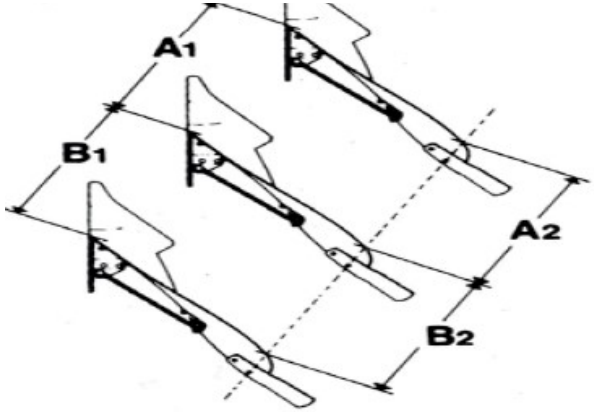


Fig. 6

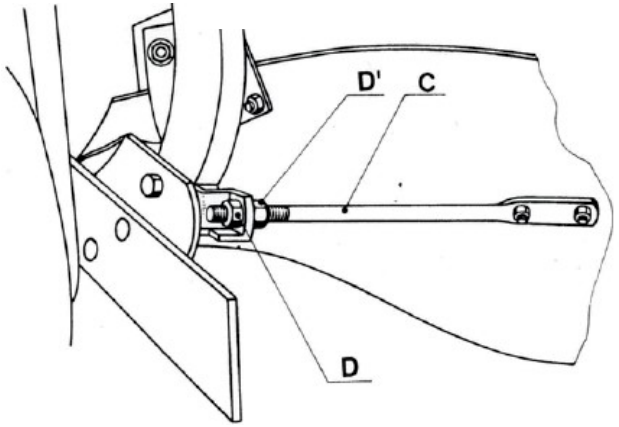


Fig. 7

6.2 COUPLING TO THE TRACTOR

The **XPERIENCE-XP OVLAC Ploughs** are designed to fit the universal three-point linkage of any tractor.

The pendulum, or drawbar, is supplied in two versions (centre-to-centre distance):

Category II 900 mm.
Category III 1,000 mm.

The drawbar must be of the correct length so that the tractive forces converge in the centre of the front axle, as shown in the figure (Fig. 8).

6.3 ALIGNMENT

The plough must work in line with the tractor otherwise, it will tend to leave the path of the furrow.

It should be checked that the distance A1= A2 (Fig. 8).

On ploughs OVLAC, the rudder effect is self-correcting thanks to the oscillating bar / outrigger.

On fixed ploughs with fixed hitch, the turnbuckle must be operated, optionally hydraulic cylinder for drift correction.

The top link must be attached so that the end which hooks onto the plough is slightly higher than the end which hooks onto the tractor (Fig. 9).

The third point should always be coupled to hole E (Fig. 9) for ploughs with less than 5 bodies, taking care that its length does not restrict free movement during work.

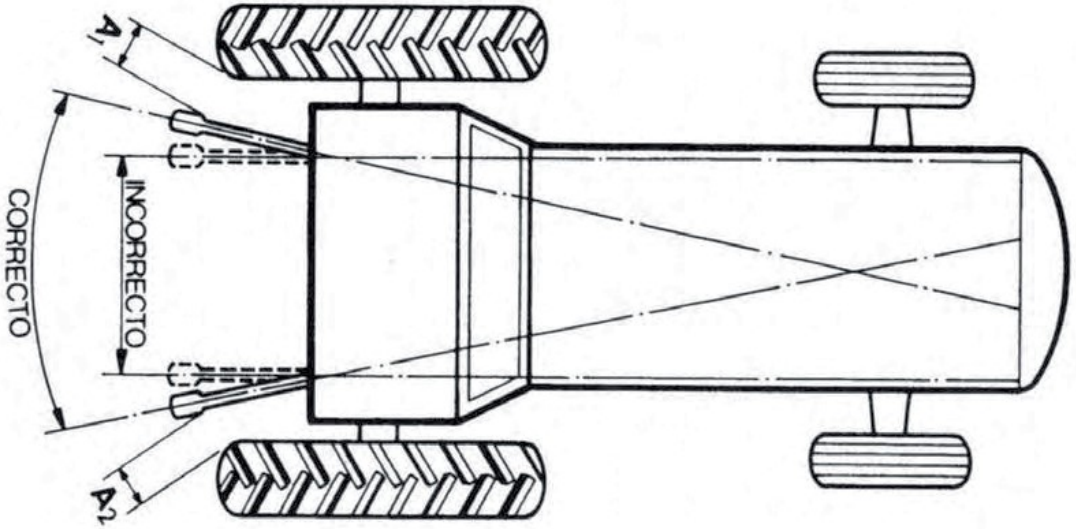


Fig. 8

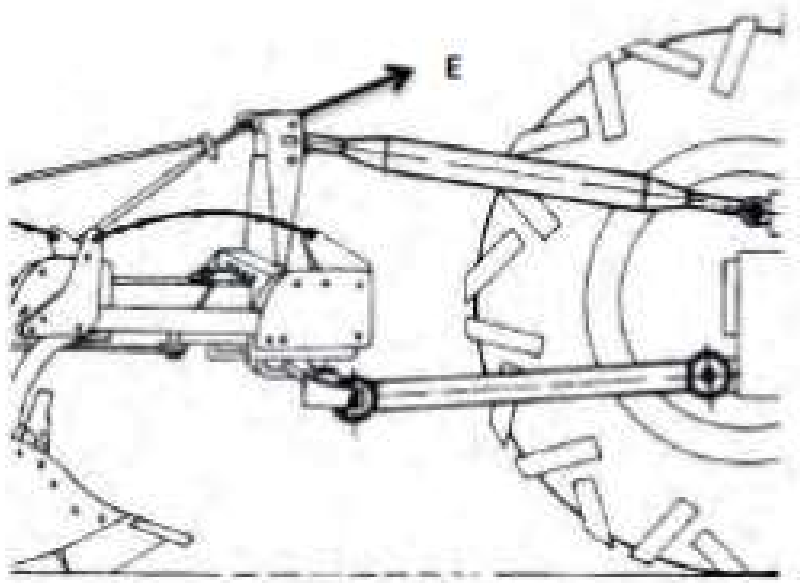


Fig. 9

6.4 WIDTH OF THE 1ST FURROW

The width of the first furrow is adjusted by acting on the turnbuckle "T" for the displacement of head C (Fig.10), that the observations described in the figure (Fig.11 and 12) are verified.

Fig. 10

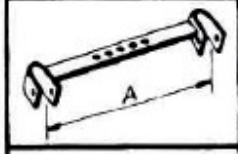
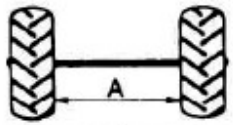
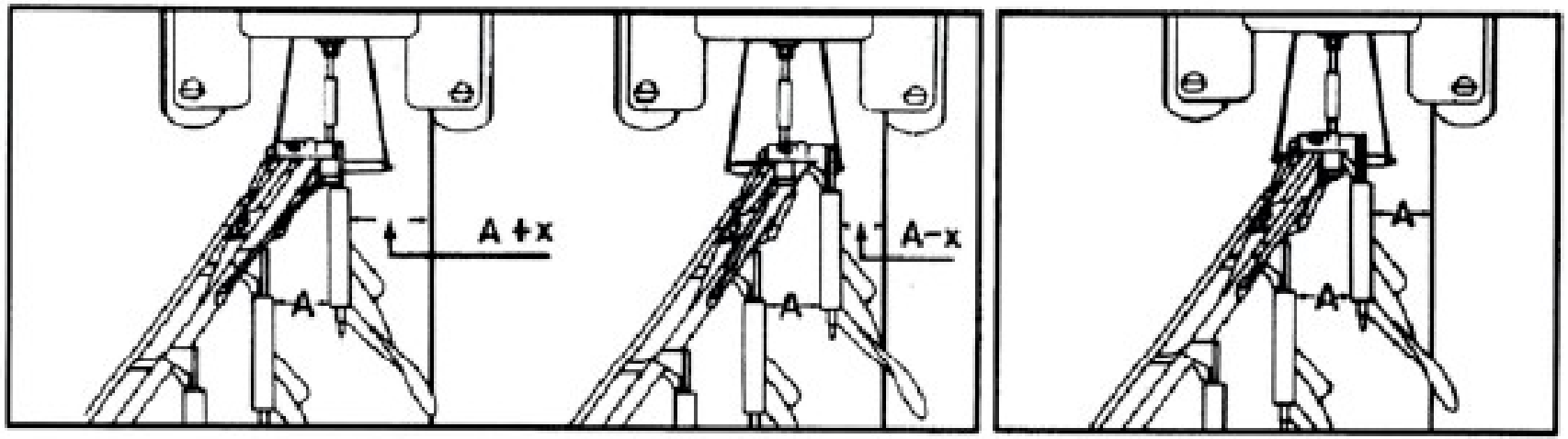
		Ancho de Surco Furrow Width Largeur Du Sillon
A = 90	120 130 140 150	30-45 40-50 35-45 40-50
A = 100	140 150 160	35-45 40-50 40-50

Fig. 11



Incorrecto / Wrong / Incorrect

Correcto / Right / Correct

Fig. 12

6.5 OTHER ADJUSTMENTS

The length of the third point must be set in such a way that the frame is parallel to the ground, otherwise the first row of discs will work at a different depth than the second row, resulting in uneven ploughing (Fig. 13)

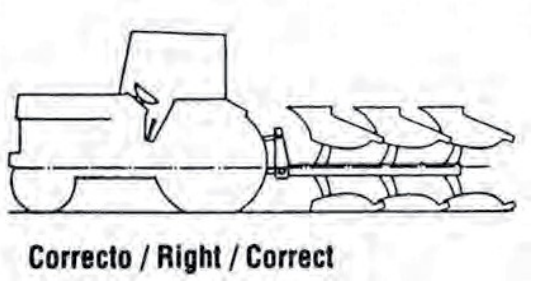


Fig. 13

The length of the third point must be set in such a way that the frame is parallel to the ground, otherwise the first row of discs will work at a different depth than the second row, resulting in uneven ploughing (Fig. 13)

For the same reason, it should be noted that during the work the anchors / frogs / arms adopt a perpendicular position to the soil (Fig. 14).

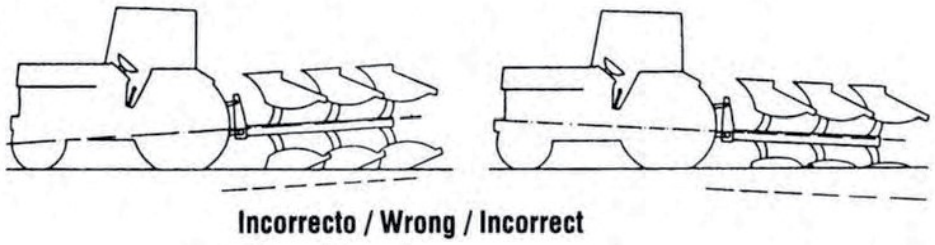


Fig. 13

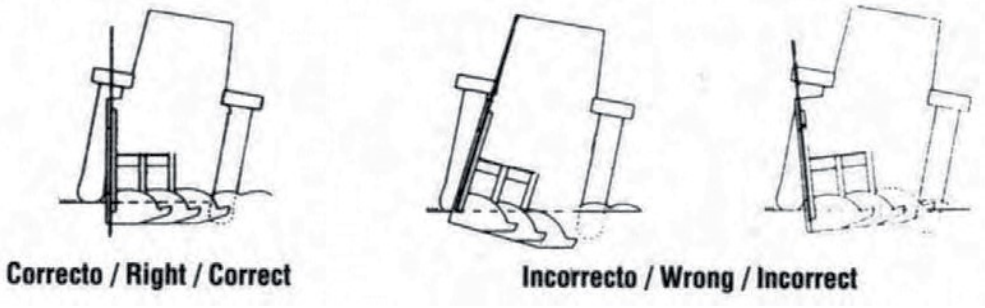


Fig. 14

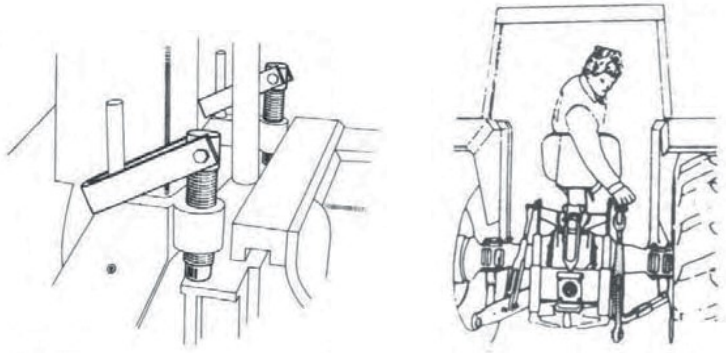


Fig. 15

7. WORKING DEPTH

The working depth is regulated by means of the tractor's lifting lever.

However, to achieve a uniform ploughing depth, all ploughs can be equipped with a depth control wheel (Fig. 16) whose height is adjusted by means of threaded stops A.

The following table provides an excellent reference between working width and depth, which when applied correctly, will give 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

8. TRANSPORT AND PARKING

To facilitate transport, the plough should be retracted to its minimum width by acting on the furrow control system (mechanical turnbuckle or hydraulic cylinder). The wide ploughs (4, 5 and 5 furrows) can be equipped with versatile control / transport wheels as an option.

To transport the plough on the control / transport wheel, place pin B in hole C

Pull the lever to remove the D-pin so that when the plough is turned it is locked in the half-turn position. Set the plough on the ground and unhook the top link / third point from the turret. Lock the balancing bar / outrigger with pins E (Fig. 17 and 18).

The support pin / leg (Fig. 19) ensures the static position of the plough in the parking lot.

Fig. 19

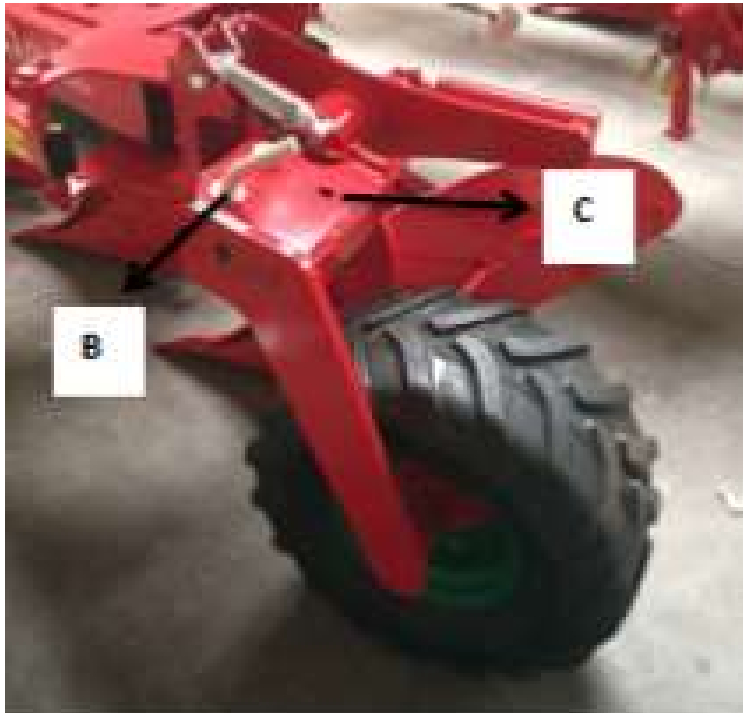


Fig. 17

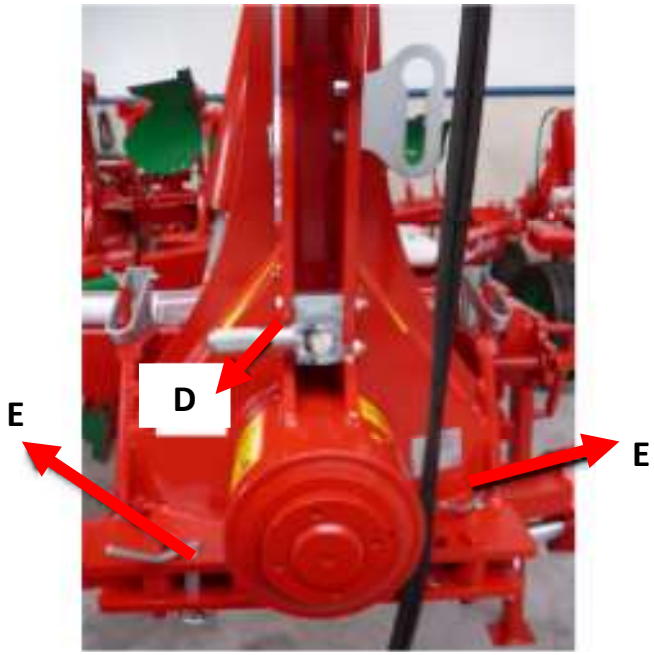


Fig. 18

9. MAINTENANCE

After the first 2 hours of operation, all screws must be checked for tightness, especially those on the chasers, teeth and tie rods. Thereafter, check every 100 hours of operation. At the end of the season, wash the cultivator and visually check that everything is in perfect condition.

Lubrication: The lubrication points must be greased regularly.

Safe maintenance

Familiarize yourself with maintenance procedures before performing any work. The work area must be clean and dry.

Do not perform lubrication, repair or adjustment work while the engine is running.

Always keep hands, feet and clothing away from moving parts. Place all controls in neutral to reduce pressure.

Lower all equipment to the ground. All components must be in good condition and properly installed.

Repair damage immediately.

Replace any worn or broken parts.

Keep all machine components clean and free of grease, oil, and accumulated dirt.

As this is suspended equipment, it is advisable to completely disconnect the machine from the tractor before carrying out welding work on the machine, or to use a switch installed on the tractor.

Beware of high pressure leaks

Fluids escaping from the system can be so powerful that they can penetrate the skin and cause serious injury.

Therefore, it is imperative to depressurize the system before loosening or disconnecting any piping and make sure all fittings and accessories are tight before applying pressure to the system again.

To locate a hydraulic oil leak, use a piece of cardboard and place it on the fittings. Keep hands and body away from high pressure leaks.

If, despite this precaution, an accident occurs, immediately consult a doctor who should remove the fluid surgically within a few hours to avoid gangrene.

Doctors who are not experienced in treating this type of injury may go to a specialized medical center.

For the storage of hydraulic hoses it is **IMPORTANT** :

Keep the connections clean. Abrasive particles, such as sand or metal shavings, can damage seals, liners and cylinders, causing internal leaks. After disconnecting from the tractor, make sure they do not come into contact with the ground**.**

10. OPTIONAL EQUIPMENT

The **XPERIENCE-XP Ovlac Ploughs** can be mounted with:

9.1 Trashboards (Fig.20).
9.2 Wearing plate (Fig.21).
9.3 Transport wheel (Fig.22)
9.4 Discs (Fig.23)
9.5 Advanced wheel (Fig.24)
9.6 Advanced transport wheel (Fig.25).

Fig. 20

Fig. 21

Fig. 22

Fig. 24

Fig. 23

Fig. 25

11. SPARE PARTS

Orders for spare parts must always be placed through the distributor and must always include the following information:

- Type, model and manufacturing number of the XPERIENCE-XP Plough. These data are shown on the cultivator's rating plate.

- Part number. It is shown in the exploded view catalogue.

- Part designation and quantity required.

- Shipping method. Transport costs are always borne by the recipient.

- NOTE: The term "Right" or "Left" in the denominations always means looking at the cultivator from the back in the direction of travel. In the case of share components, tines, etc., all those parts of the body which discharge to the right and vice versa are considered to be right-handed.

- Note on warranty: Orders for spare parts under warranty must be clearly specified. It is always the responsibility of the manufacturer to decide whether the part should be replaced under warranty or not. In addition, the warranty loses all its value if:

- Repairs not authorized by the manufacturer, installation of non-original spare parts or unsuitable screws.

- The permissible power limit indicated in the technical data table is exceeded or abnormal maneuvers or operations are carried out.

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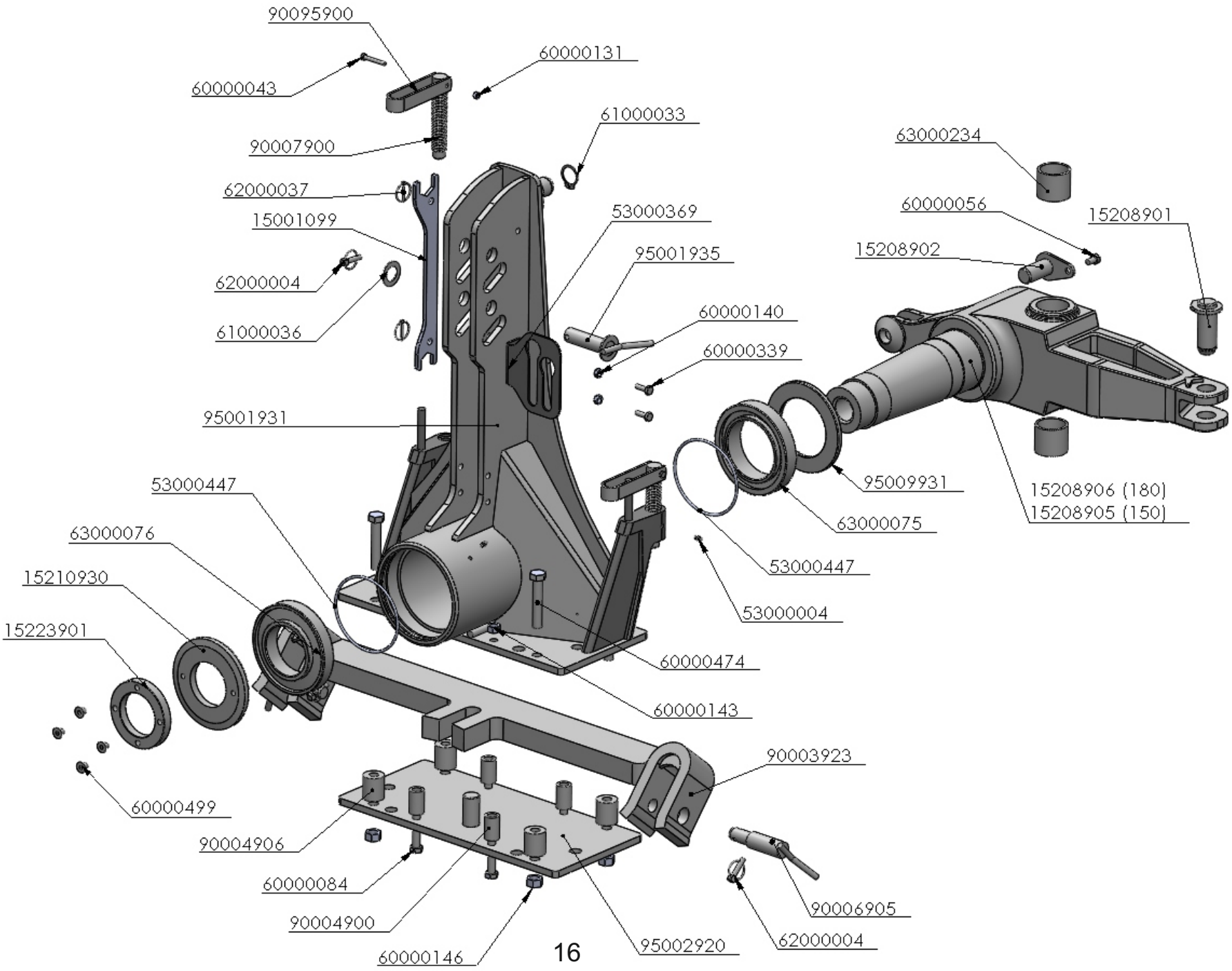
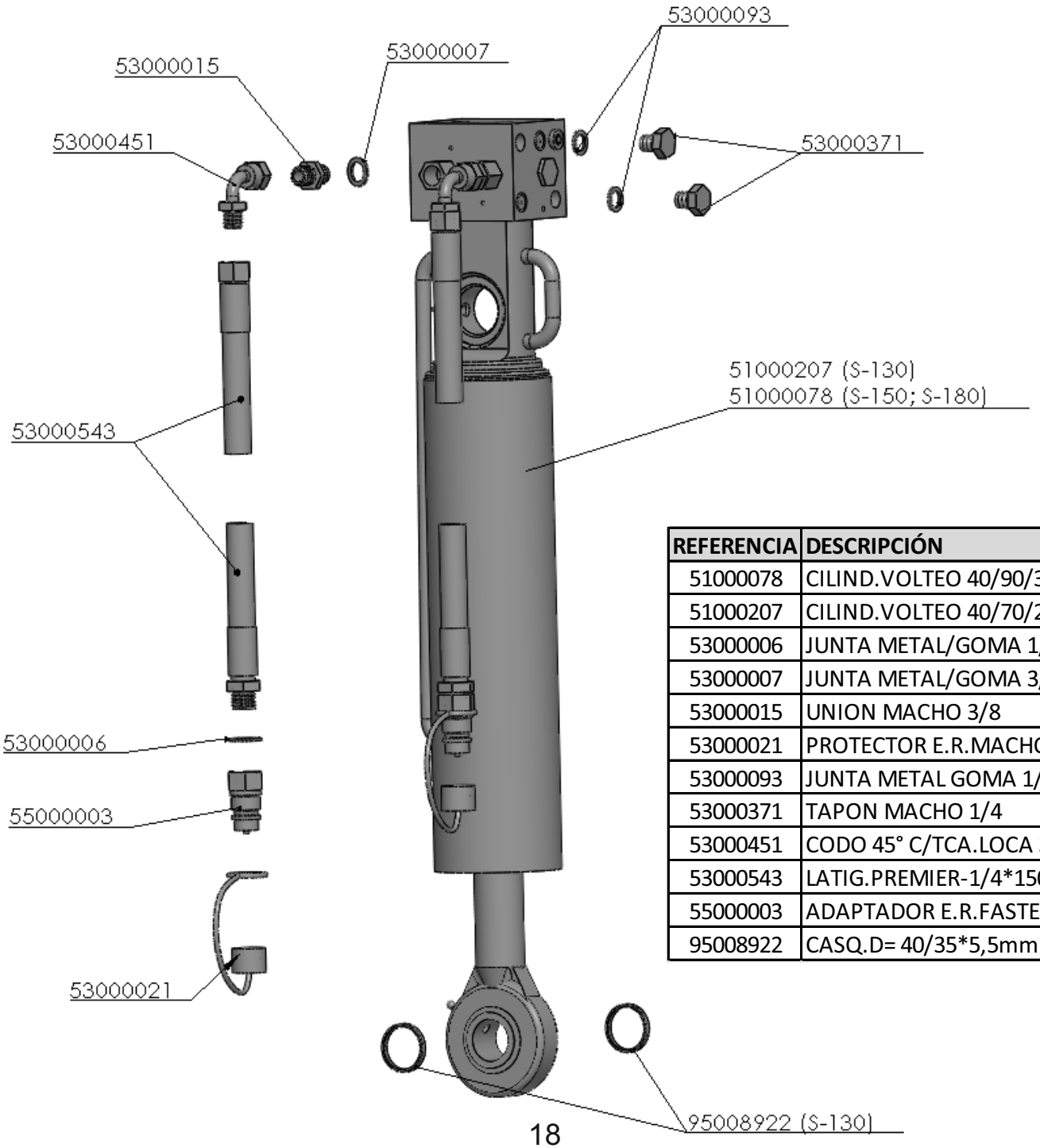
CONJUNTO CABEZAL 150-180



CONJUNTO CABEZAL 150-180

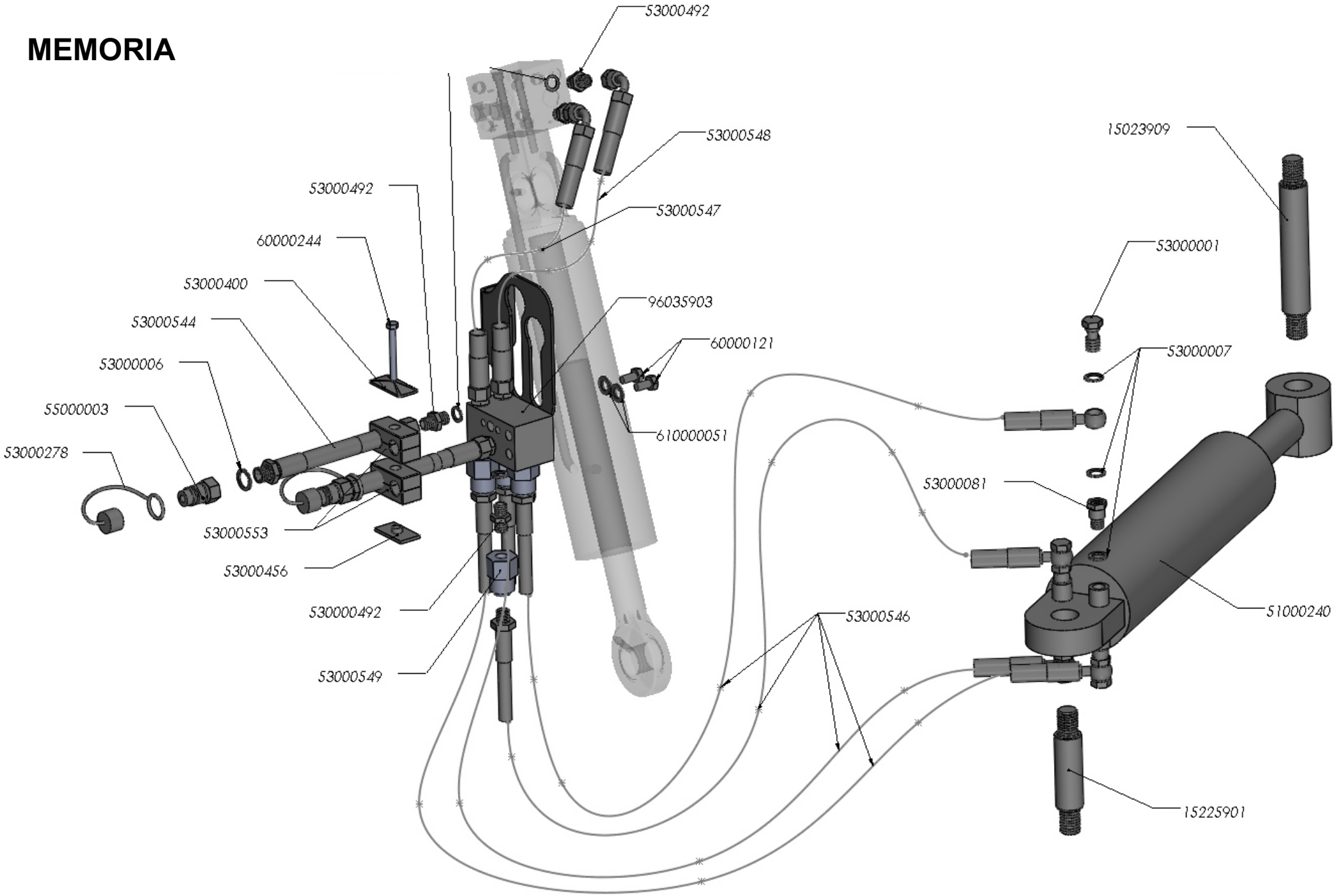
REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15001099	LLAVE 38-46	61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
15208902	BULON VOLTEO 150	61000033	ANILLO ELASTICO DIN-471 40
15208905	EJE CABEZAL 150 (D/16)	61000036	ARAND.ESTANDAR-A 32 ZINC.
15208906	EJE CABEZAL 180 (D/16)	62000004	PASADOR ANILLA 10 ZINC.
15210930	TUERCA EJE CABEZAL 150 (D/16)	62000037	PASADOR ANILLA 4,5 ZINC.
15223901	CONTRATUERCA EJE CABEZAL 150 (D/16)	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.	63000234	CASQ. 70*60*60
53000447	JUNTA TORICA 200-3 NBR	90003923	BALANC.50mm.PENTAS.CAT.III
60000043	TORN.EXAG.DIN-931 8* 55 8.8 ZINC.	90004900	SEP.B.P.32/20* 52mm.
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90004906	CASQ.D= 45/20,5*52mm.SEP.BALANC.PENTAS.
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.	90095900	MANILLA TOPE ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.	95001931	CABEZAL 150 (D/04)
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.	95001935	BULON D=31,2*115mm.3er.PTO.PENT.CAT.III (D/02)
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	95009931	ARAND.POST.150
60000499	TORN.ALLEN DIN-913 12* 20 14.9		

VOLTEO 150



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
53000543	LATIG.PREMIER-1/4*1500mm.MF-1/2/CTL-45°-3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
95008922	CASQ.D= 40/35*5,5mm.SEP.VOLTEO 150

MEMORIA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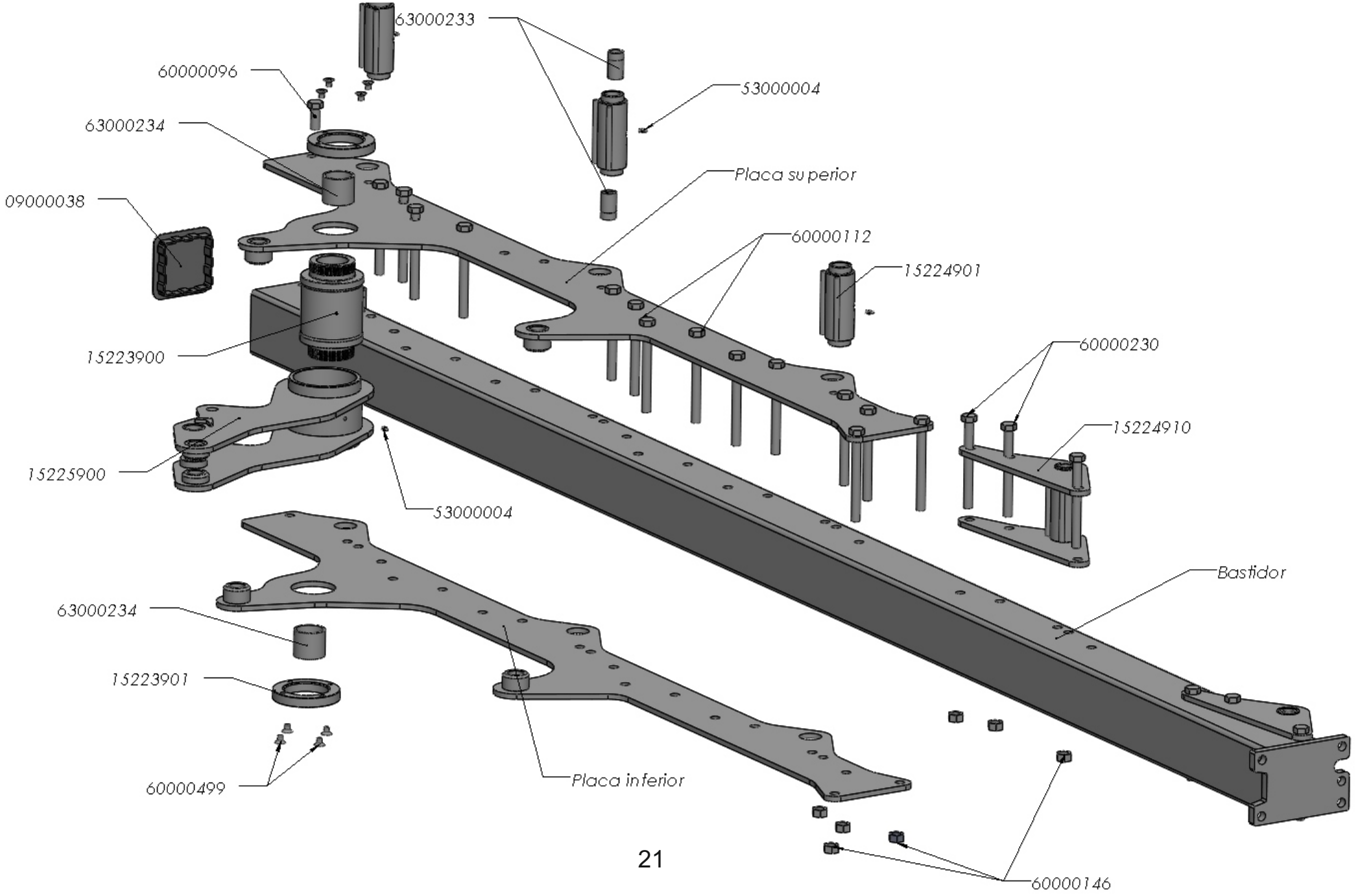
53000001
53000007
53000081
53000546
51000240
15225901

MEMORIA

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
51000240	CILIND.APERT./MEMª. 45/100/200 VALV.BLOQ.	53000547	LATIG.PREMIER-1/4*500mm.CTL-1/4/TL-1/4
53000001	TORNILLO SIMPLE 3/8 4022	53000548	LATIG.PREMIER-1/4*530mm.CTL-1/4/TL-1/4
53000006	JUNTA METAL/GOMA 1/2" 11603	53000549	RACOR GIRATORIO RECTO GGL 1/4 GAS
53000007	JUNTA METAL/GOMA 3/8" 11602	53000553	ABRAZ.DOBLE LAT.PREMIER 1/4
53000081	SUPLEMENTO 3/8" 4092	55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
53000093	JUNTA METAL GOMA 1/4" 11601	60000121	TORN.EXAG.DIN-933 10* 20 8.8 ZINC.
53000278	PROTECTOR E.R.MACHO 1/2" AMARILLO 5029-4PY	60000244	TORN.EXAG.DIN-931 8* 90 8.8 ZINC.
53000400	PLACA RFZO.AB.DOBLE 15/18	61000051	ARAND.DIN-125 10 ZINC.
53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D	96035903	SOP.TOMAS HIDRAULICAS AF
53000492	UNION MACHO 1/4	15225901	BULON D=34,8*165mm.ROSC.TENSOR + GEOMET
53000544	LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4	15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + GEOMET
53000546	LATIG.PREMIER-1/4*2750mm.MF-1/4/OR-3/8		

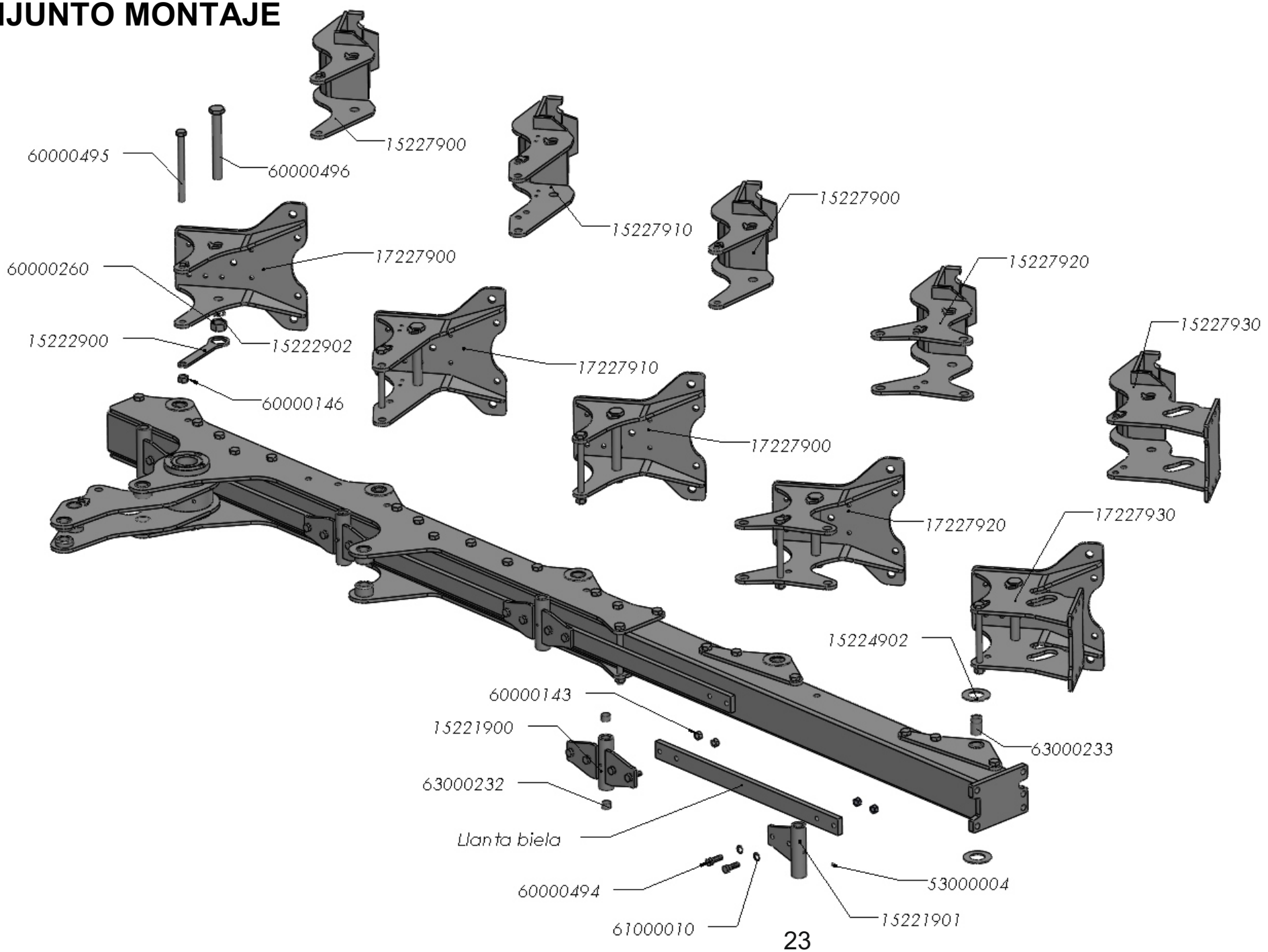
CONJUNTO MONTAJE BASTIDOR



CONJUNTO MONTAJE BASTIDOR

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
9000038	TAPON GOMA 150*150*10mm.	15225900	BIELA CENTRAL 150/180
15219925	BAST.AF-5-105	16219905	BAST.AH-5-95
15219955	BAST.AF-5-95-AMP	16219955	BAST.AH-5-95-AMP
15223900	CASQ.GIRO BAST.AF-150	40000015	ADHESIVO ENGRASE D=15mm.
15223901	CONTRATUERCA EJE CABEZAL 150 (D/16)	53000004	ENGRASADOR AC° DIN-71412 8*125
15223905	PLACA SUP.SOP.GIRO BAST.AF-5-95	60000096	TORN.EXAG.DIN-933 20* 50 8.8
15223906	PLACA SUP.SOP.GIRO BAST.AF-6-95	60000112	TORN.EXAG.DIN-931 20*200 8.8
15223925	PLACA SUP.SOP.GIRO BAST.AF-5-105	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15223955	PLACA INF.SOP.GIRO BAST.AF-5-95	60000230	TORN.EXAG.C/LAR.20*200 12.9
15223956	PLACA INF.SOP.GIRO BAST.AF-6-95	60000499	TORN.ALLEN DIN-913 12* 20 14.9
15223975	PLACA INF.SOP.GIRO BAST.AF-5-105	63000233	CASQ.FRICCION 38x30x40
15224901	CASQ.D= 65/49,9/38*183mm.C/VAR.PORTAC. A	63000234	CASQ. 70*60*60
15224910	SOP.GIRO PORTACAMBAS AF		

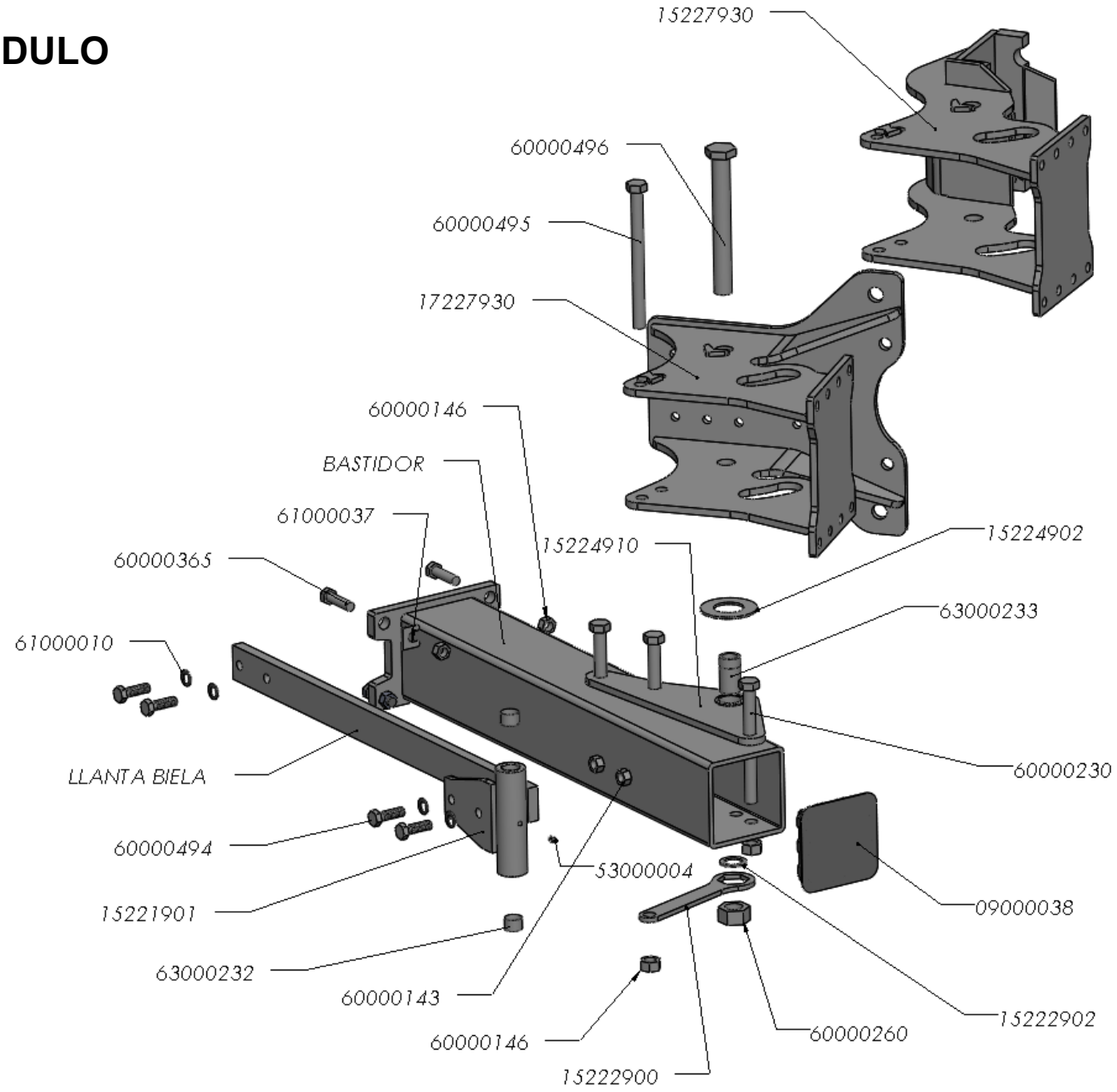
CONJUNTO MONTAJE



CONJUNTO MONTAJE

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15221900	NUDO BIELA DOBLE	17227910	SOP.ARTIC.MARCADOR AF
15221901	NUDO BIELA SIMPLE	17227920	SOP.ARTIC.RDA.AVZD.AF
15221910	LLANTA BIELA 95	17227930	SOP.ARTIC.RDA.AF
15221912	LLANTA BIELA 105	53000004	ENGRASADOR AC° DIN-71412 8*125
15222900	FRENO TORNILLO 150	60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
15222902	ARAND.CALZO 30	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15224902	ARAND.D=95/50*4mm.CEM.PORTAC. A	60000260	TUER.EXAG.DIN-934 30/200 8.8
15227900	SOP.ARTIC.CAMBA AH-150	60000494	TORN.EXAG.C/LAR. 16* 50 10.9 ZINC.
15227910	SOP.ARTIC.MARCADOR AH	60000495	TORN.EXAG.C/LAR. 20x240 10.9
15227920	SOP.ARTIC.RDA.AVZD.AH	60000496	TORN.EXAG.C/LAR. 30x240 12.9
15227930	SOP.ARTIC.RDA.AH	61000010	ARAND.DIN-125 16 ZINC.
17031900	PLACA PORTACAMBA EXT.SFN	63000232	CASQ.FRICCION 30x20x30
17227900	SOP.ARTIC.CAMBA AF-150		

MODULO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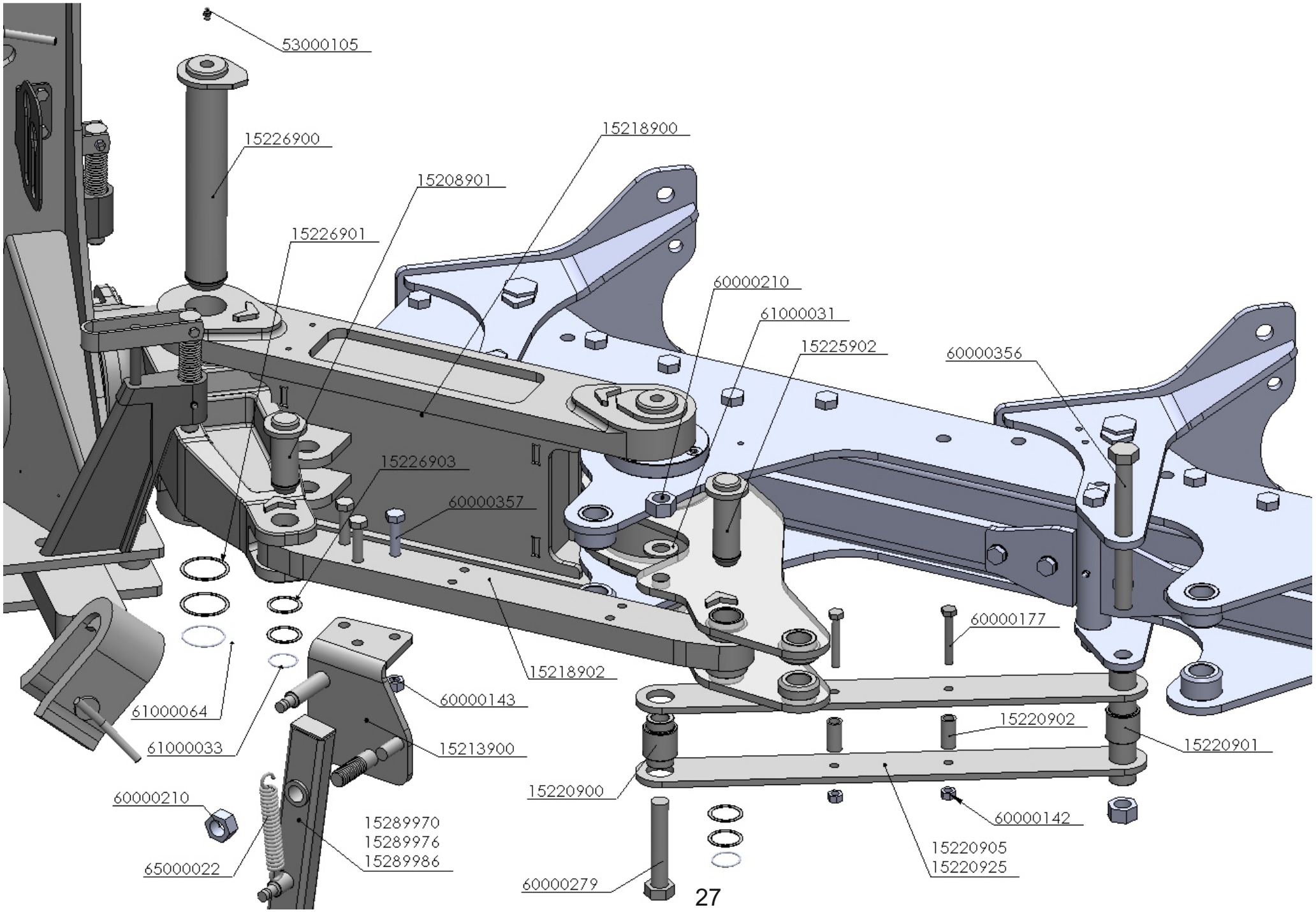
60000495
17227930
60000146
BASTIDOR
61000037
60000365
61000010
15224910
15224902
63000233
60000230
LLANTA BIELA
60000494
15221901
63000232
60000143
60000146
15222900
53000004
09000038
15222902
60000260

MODULO

REFERENCIA	DESCRIPCIÓN
9000038	TAPON GOMA 150*150*10mm.
15219951	BAST.AF-1-95-(150)
15221901	NUDO BIELA SIMPLE
15221910	LLANTA BIELA 95
15221912	LLANTA BIELA 105
15222900	FRENO TORNILLO 150
15224902	ARAND.D=95/50*4mm.CEM.PORTAC. A
15224910	SOP.GIRO PORTACAMBAS AF
15227930	SOP.ARTIC.RDA.AH
16219951	BAST.AH-1-95-(150)
17227930	SOP.ARTIC.RDA.AF
53000004	ENGRASADOR AC° DIN-71412 8*125
60000080	TORN.EXAG.DIN-931 16* 60 8.8 ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
60000230	TORN.EXAG.C/LAR.20*200 12.9
60000260	TUER.EXAG.DIN-934 30/200 8.8
60000365	TORN.EXAG.DIN-931 20* 70 12.9
60000494	TORN.EXAG.C/LAR. 16* 50 10.9 ZINC.
60000495	TORN.EXAG.C/LAR. 20x240 10.9
60000496	TORN.EXAG.C/LAR. 30x240 12.9
61000037	ARAND.CALZO BASTIDOR MODULO
63000232	CASQ.FRICCION 30x20x30
63000233	CASQ.FRICCION 38x30x40
61000010	ARAND.DIN-125 16 ZINC.

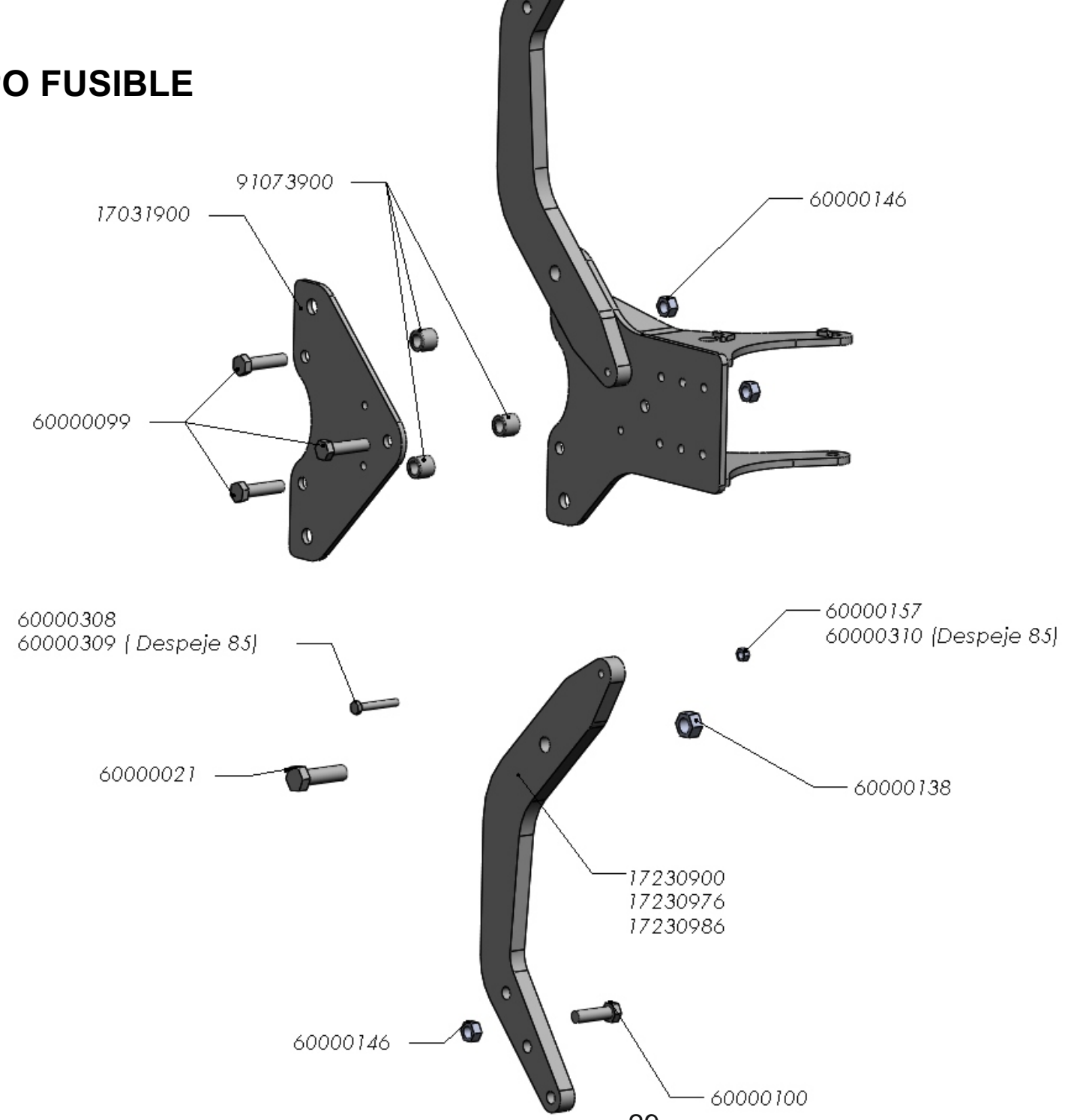
CONJUNTO PARALELOGRAMO



CONJUNTO PARALELOGRAMO

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15208901	BULON ANTERIOR PARALELO	15289986	PEON REVERSIBLE D/86cm.AF - S/76
15213900	SOP.PEON AF	53000105	ENGRASADOR MT-503 10*150
15218900	HORQUILLA ARADO 150/180	60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
15218902	BARRA PARALELOGRAMO AF	60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
15220900	CASQ.D=50/40/26*74mm. TIRO BIELA	60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
15220901	CASQ.D=50/40/26*184mm. TIRO BIELA	60000177	TORN.EXAG.DIN-931 12* 80 8.8
15220902	SEP.TUBO 22*16*45mm.	60000210	TUER.AUTO.DIN-985 1" SAE 8.8
15220905	PLACA TIRO BIELA 150-95	60000279	TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC.
15220925	PLACA TIRO BIELA 150-105	60000356	TORN.EXAG.C/LAR.1"*240 SAE 12.9
15225902	BULON POSTERIOR PARALELO	60000357	TORN.EXAG.DIN-931 16* 70 8.8
15226900	BULON HORQUILLA 150/180	61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
15226901	ARAND.CALZO 60	61000033	ANILLO ELASTICO DIN-471 40
15226903	ARAND.CALZO 40	61000064	ANILLO ELASTICO DIN-471 60
15289970	PEON REVERSIBLE D/70cm.AF	65000022	MUELLE TRACCIÓN 225/175*26*5 EECC 195mm
15289976	PEON REVERSIBLE D/76cm.AF - SL/70		

CUERPO FUSIBLE



CUERPO FUSIBLE

REFERENCIA	DESCRIPCIÓN
17031900	PLACA PORTACAMBA EXT.SFN
17230900	CAMBA AF 30mm.
17230976	CAMBA AF 30mm 75cm.DESPEJE
17230986	CAMBA AF 30mm.85cm.DESPEJE
60000021	TORN.EXAG.C/LAR.1"* 85 SAE 12.9
60000099	TORN.EXAG.C/LAR.20* 80 10.9
60000100	TORN.EXAG.DIN-931 20* 70 8.8
60000138	TUER.AUTO.DIN-980 1"SAE 10.9 ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
60000157	TUER.EXAG.DIN-934 12 8.8 ZINC.
60000308	TORN.EXAG.C/LAR.12* 70 12.9
60000309	TORN.EXAG.C/LAR.1/2"* 70 SAE 12.9
60000310	TUER.EXAG.DIN-934 1/2"SAE 10.9
91073900	CASQ.D= 35/21*31mm.SEP.PORTAC.SM/SF

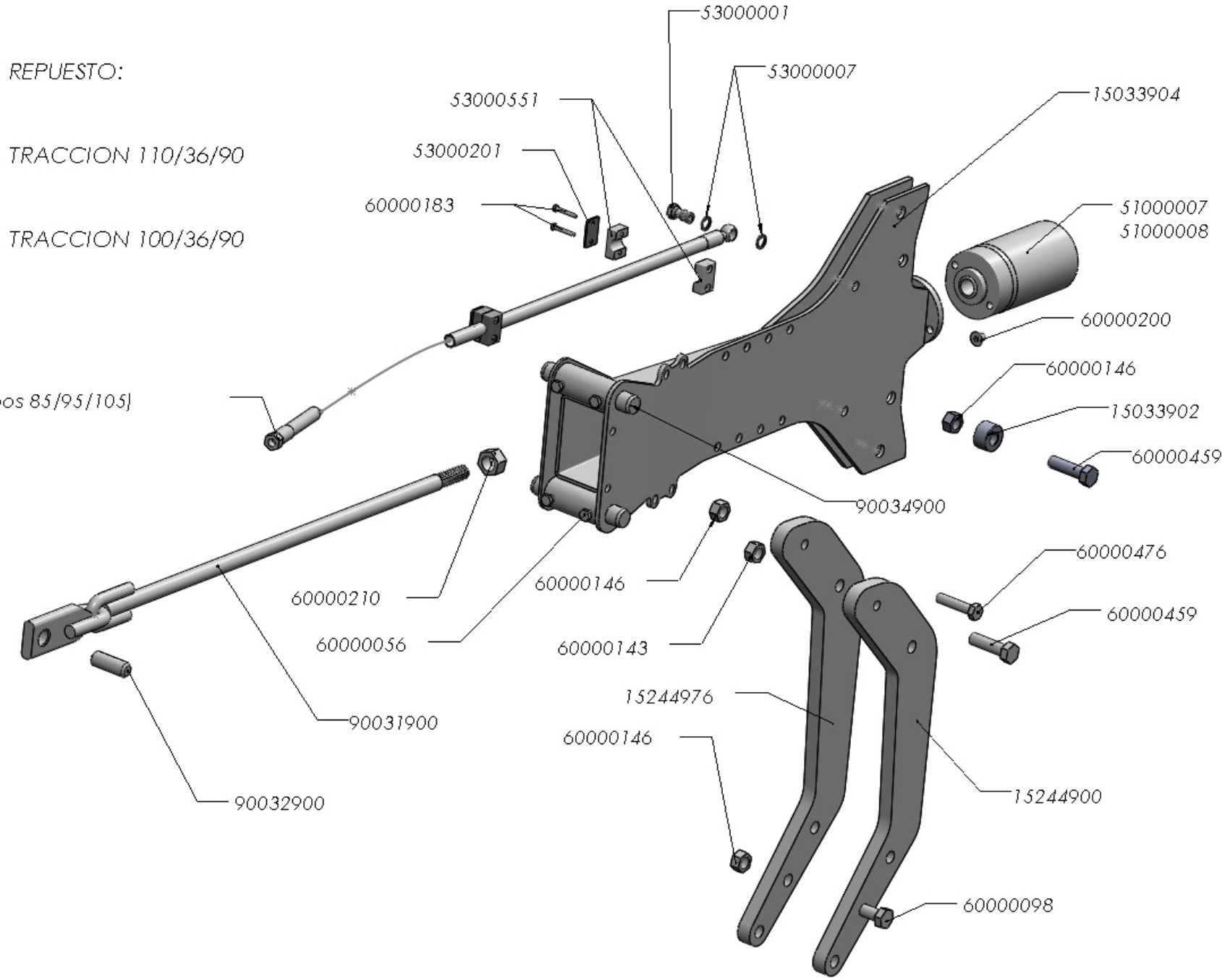
ANCORA

COMPONENTES PARA REPUESTO:

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

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

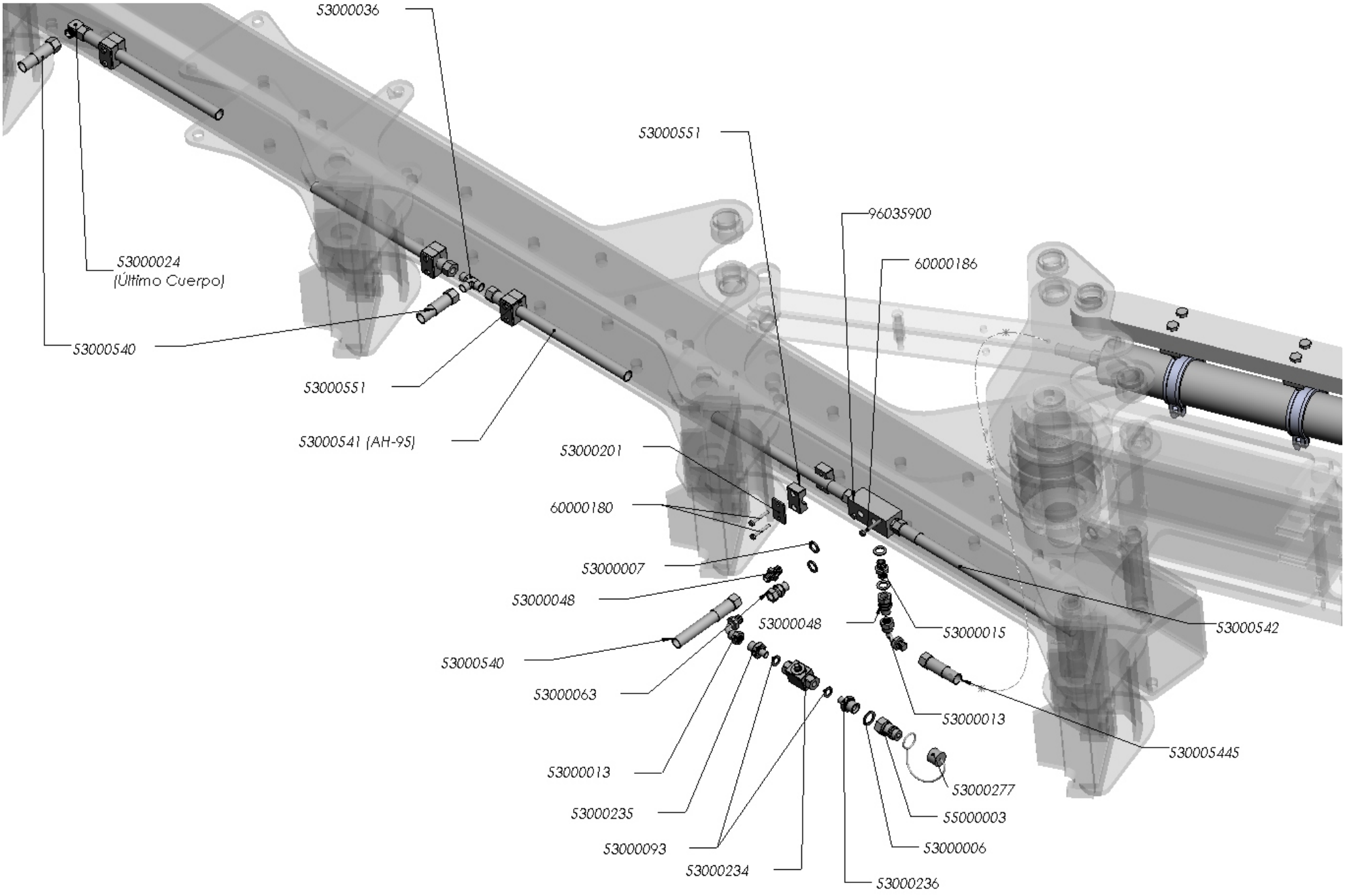
53000 (1° Cuerpo-85)
53000542 (1° Cuerpo-95)
53000 (1° Cuerpo-105)
53000540 (Resto de Cuerpos 85/95/105)



ANCORA

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15033902	CASQ.D= 45/20,5*26mm.PORTACAMBA SB	60000056	TORN.EXAG.DIN-933 12* 20 12.9
15033904	BRAZO PORTACAMBA SH (D/18)	60000098	TORN.EXAG.DIN-931 20* 60 8.8
15244900	CAMBA AH 25mm	60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
15244976	CAMBA AH 25mm 76cm DESPEJE.	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
51000007	CILIND.TRACCION 110/36/90 AR	60000180	TORN.EXAG.DIN-931 6* 40 8.8 ZINC.
51000008	CILIND.TRACCION 100/36/90 AR	60000182	TORN.EXAG.DIN-931 6* 35 8.8 ZINC.
53000001	TORNILLO SIMPLE 3/8 4022	60000200	TORN.ALLEN DIN-912 12* 25 8.8 ZINC.
53000007	JUNTA METAL/GOMA 3/8" 11602	60000210	TUER.AUTO.DIN-985 1" SAE 8.8
53000201	PLACA RFZO.AB.SIMPLE 18 DP2	60000459	TORN.EXAG.C/LAR. 20* 70 10.9
53000540	LATIG.PREMIER-3/8*1300mm.OR-3/8/TL-18	60000476	TORN.EXAG.C/LAR. 16* 65 10.9 (FUSIBLE)
53000542	LATIG.PREMIER-3/8*1900mm.OR-3/8/TL-18	90031900	BARRA TENSORA
53000551	ABRAZ.SIMPLE LAT.PREMIER 3/8	90032900	BULON D=25* 70mm.TIRO BARRA TENSORA
60000056	TORN.EXAG.DIN-933 12* 20 12.9	90034900	BULON APOYO ANCORA

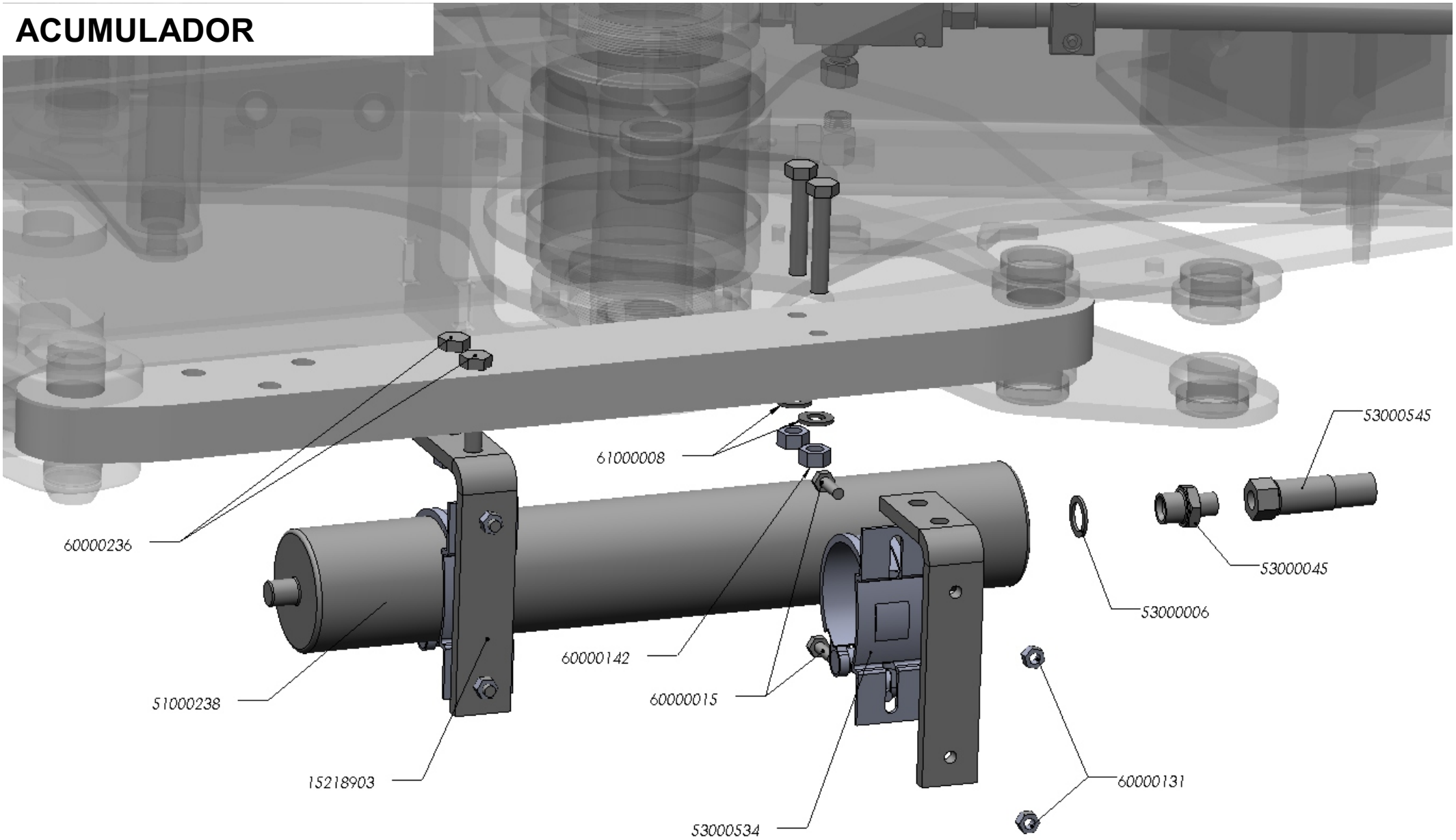
SIST. HIDRONEUMATICO



SIST. HIDRONEUMATICO

REFERENCIA	DESCRIPCIÓN
53000006	JUNTA METAL/GOMA 1/2" 11603
53000007	JUNTA METAL/GOMA 3/8" 11602
53000013	CODO 90° M/H-3/8" 4292
53000024	CODO TUBO/TUBO 12mm. W12-L
53000036	TE UNION IGUAL 12 T12-L
53000048	UNION MACHO BSP 3/8-12 GE12-L
53000063	ADAPTADOR M/H LOCA 3/8 4312
53000093	JUNTA METAL GOMA 1/4" 11601
53000201	PLACA RFZO.AB.SIMPLE 18 DP2
53000234	VALV.ESFERA 2/2 1/4 GE2 DN6
53000235	UNION REDUCCION 1/4-3/8 4071
53000236	UNION REDUCCION 1/4-1/2 4371
53000277	PROTECTOR E.R.MACHO 1/2" AZUL 5029-4PB
53000540	LATIG.PREMIER-3/8*1300mm.OR-3/8/TL-18
53000541	LATIG.PREMIER-3/8* 930mm.TL-18/TL-18
53000542	LATIG.PREMIER-3/8*1900mm.OR-3/8/TL-18
53000545	LATIG.PREMIER-3/8* 1050mm.TL-3/8/CTL-3/8
53000551	ABRAZ.SIMPLE LAT.PREMIER 3/8
55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
60000182	TORN.EXAG.DIN-931 6* 35 8.8 ZINC.
60000186	TORN.EXAG.DIN-931 6* 50 8.8 ZINC.
60000505	TORN.ALLEN DIN-912 6* 28 8.8 ZINC.
96035900	SOP.TOMAS HIDRAULICAS

ACUMULADOR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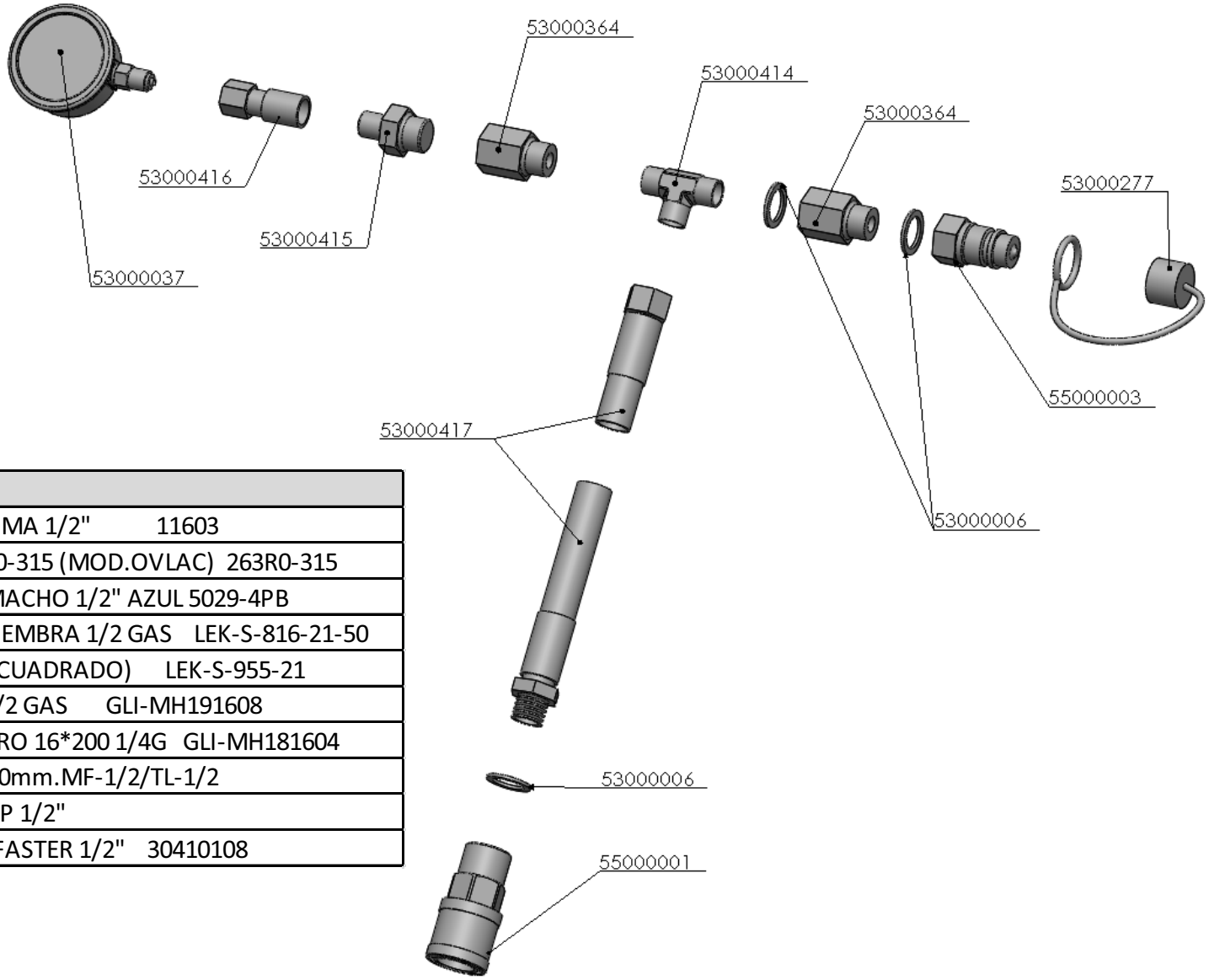
53000006
60000142
51000238
60000015
15218903
60000131
53000534

ACUMULADOR

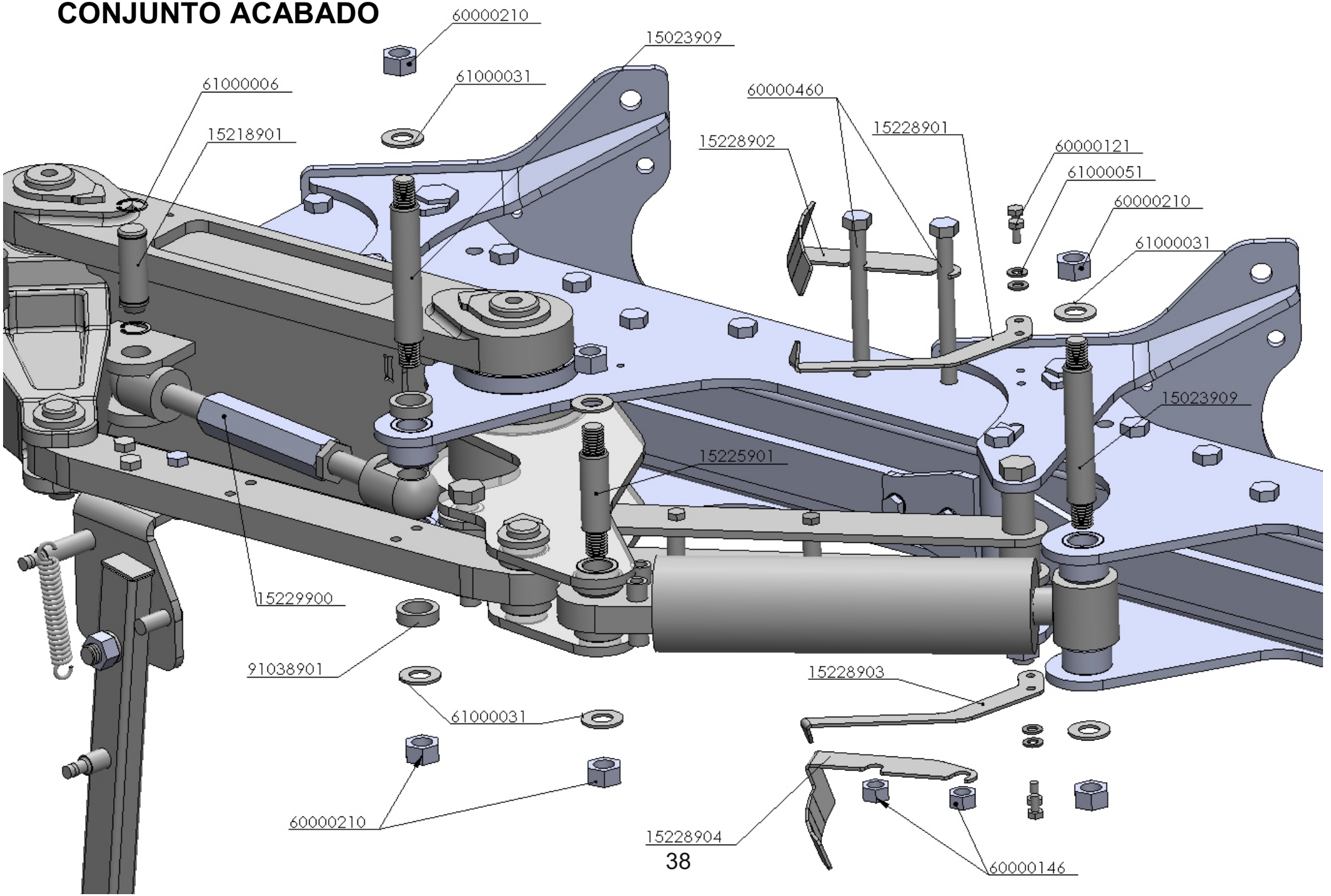
REFERENCIA	DESCRIPCIÓN
15218903	SOP.ACUMULADOR AH
51000238	ACUMULADOR PISTON P030A25N1-AC 1/2"BSP RAL-6029
53000006	JUNTA METAL/GOMA 1/2" 11603
53000045	UNION REDUCCION 3/8-1/2 4072
53000534	ABRAZ.ACUMULADOR 109/117 MPC
53000545	LATIG.PREMIER-3/8* 1050mm.TL-3/8/CTL-3/8
60000015	TORN.EXAG.DIN-933 8* 25 8.8 ZINC.
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
60000236	TORN.EXAG.DIN-933 12* 70 10.9 ZINC.
61000008	ARAND.DIN-125 12 ZINC.

LATIGUILLO CARGA



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

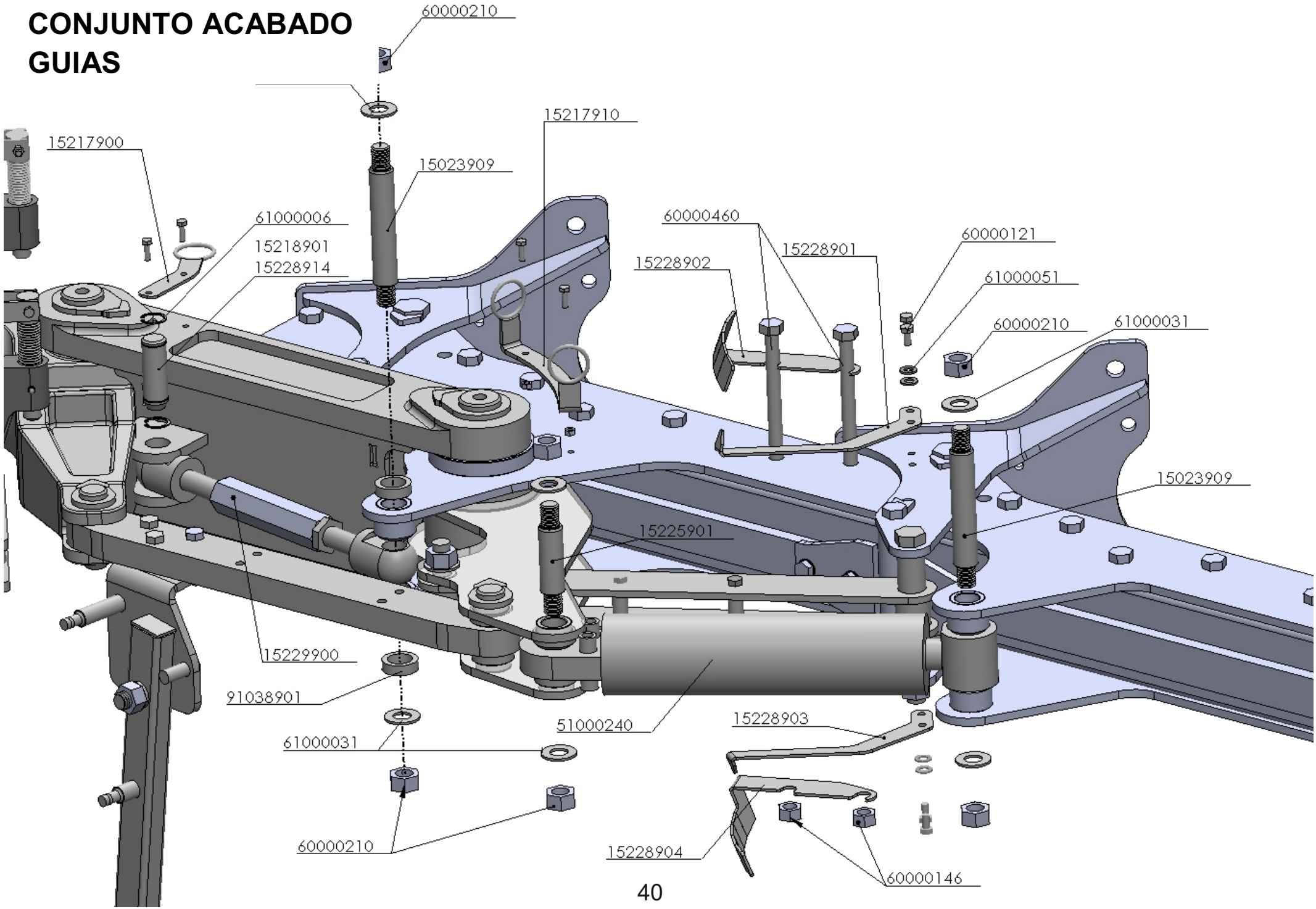
CONJUNTO ACABADO



CONJUNTO ACABADO

REFERENCIA	DESCRIPCIÓN
15225901	BULON D=34,8*165mm.ROSC.TENSOR + DACROMET
15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET
60000460	TORN.EXAG.DIN-931 20*210 8.8 ZINC.
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
60000210	TUER.AUTO.DIN-985 1" SAE 8.8
15218901	BULON D=34,8*105mm.ANT.PRIMER CUERPO
91038901	SEP.B.P.51/36* 15mm.ZINC.
15228901	AGUJA TAJO AF DCHA.
15228902	REGLA TAJO AF DCHA.
15228903	AGUJA TAJO AF IZQDA.
15228904	REGLA TAJO AF IZQDA.
15229900	TENSOR PRIMER CUERPO AF
61000006	ANILLO ELASTICO DIN-471 35
60000121	TORN.EXAG.DIN-933 10* 20 8.8 ZINC.
61000051	ARAND.DIN-125 10 ZINC.

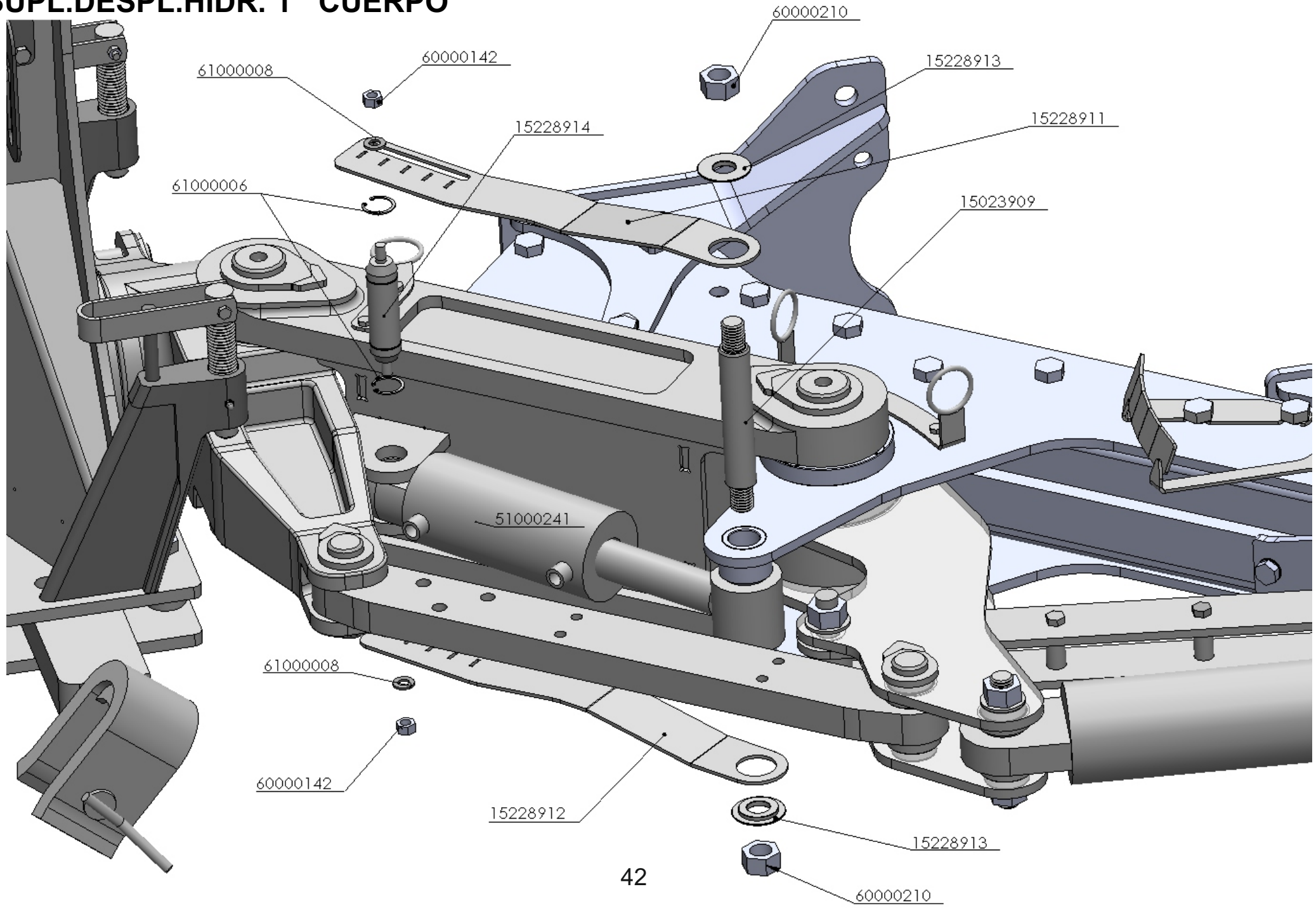
CONJUNTO ACABADO GUIAS



CONJUNTO ACABADO
GUIAS

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET	60000016	TORN.EXAG.DIN-933 8* 16 8.8 ZINC.
15217900	GUIA DEL.LATIG.AF	60000042	TORN.EXAG.DIN-933 8* 30 8.8 ZINC.
15217910	GUIA TRAS.LATIG.AF	60000121	TORN.EXAG.DIN-933 10* 20 8.8 ZINC.
15218901	BULON D=34,8*105mm.ANT.PRIMER CUERPO	60000131	TUER.AUTO.DIN-980 8 8.8 ZINC.
15225901	BULON D=34,8*165mm.ROSC.TENSOR + DACROMET	60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
15228901	AGUJA TAJO AF DCHA.	60000210	TUER.AUTO.DIN-985 1" SAE 8.8
15228902	REGLA TAJO AF DCHA.	60000460	TORN.EXAG.DIN-931 20*210 8.8 ZINC.
15228903	AGUJA TAJO AF IZQDA.	61000006	ANILLO ELASTICO DIN-471 35
15228904	REGLA TAJO AF IZQDA.	61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
15228914	BULON D=34,8*166mm.ANT.PRIMER CUERPO	61000051	ARAND.DIN-125 10 ZINC.
15229900	TENSOR PRIMER CUERPO AF	91038901	SEP.B.P.51/36* 15mm.ZINC.

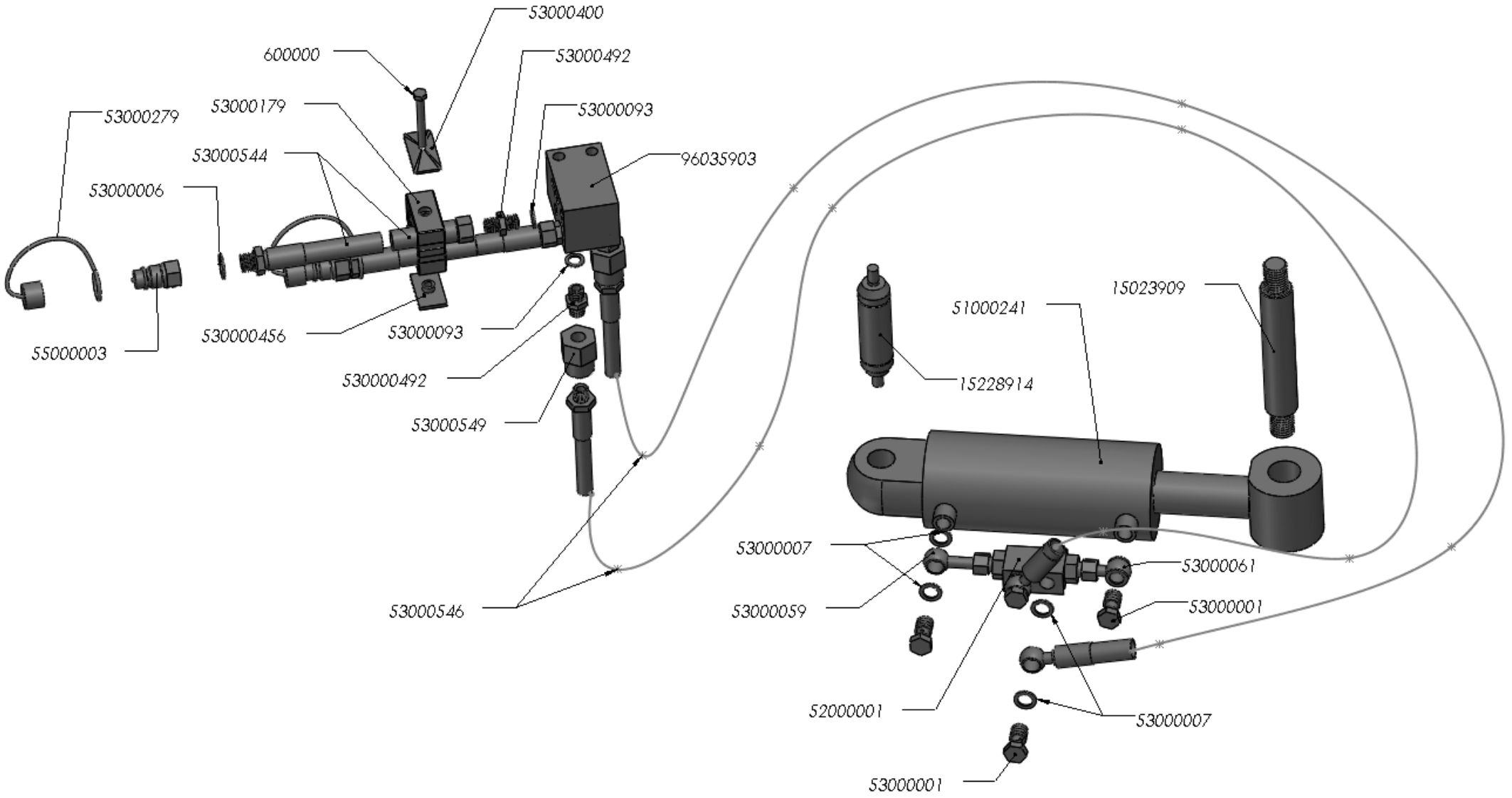
SUPL.DESPL.HIDR. 1er CUERPO



SUPL.DESPL.HIDR. 1er CUERPO

REFERENCIA	DESCRIPCIÓN
15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET
15228911	REGLA PRIMER CUERPO AF DCHA.
15228912	REGLA PRIMER CUERPO AF IZQDA.
15228913	CASQUILLO REGLA PRIMER CUERPO
15228914	BULON D=34,8*166mm.ANT.PRIMER CUERPO
51000241	CILIND.AJUSTE 1er.CPO.45/90/120
60000142	TUER.AUTO.DIN-980 12 8.8 ZINC.
60000210	TUER.AUTO.DIN-985 1" SAE 8.8
61000006	ANILLO ELASTICO DIN-471 35
61000008	ARAND.DIN-125 12 ZINC.

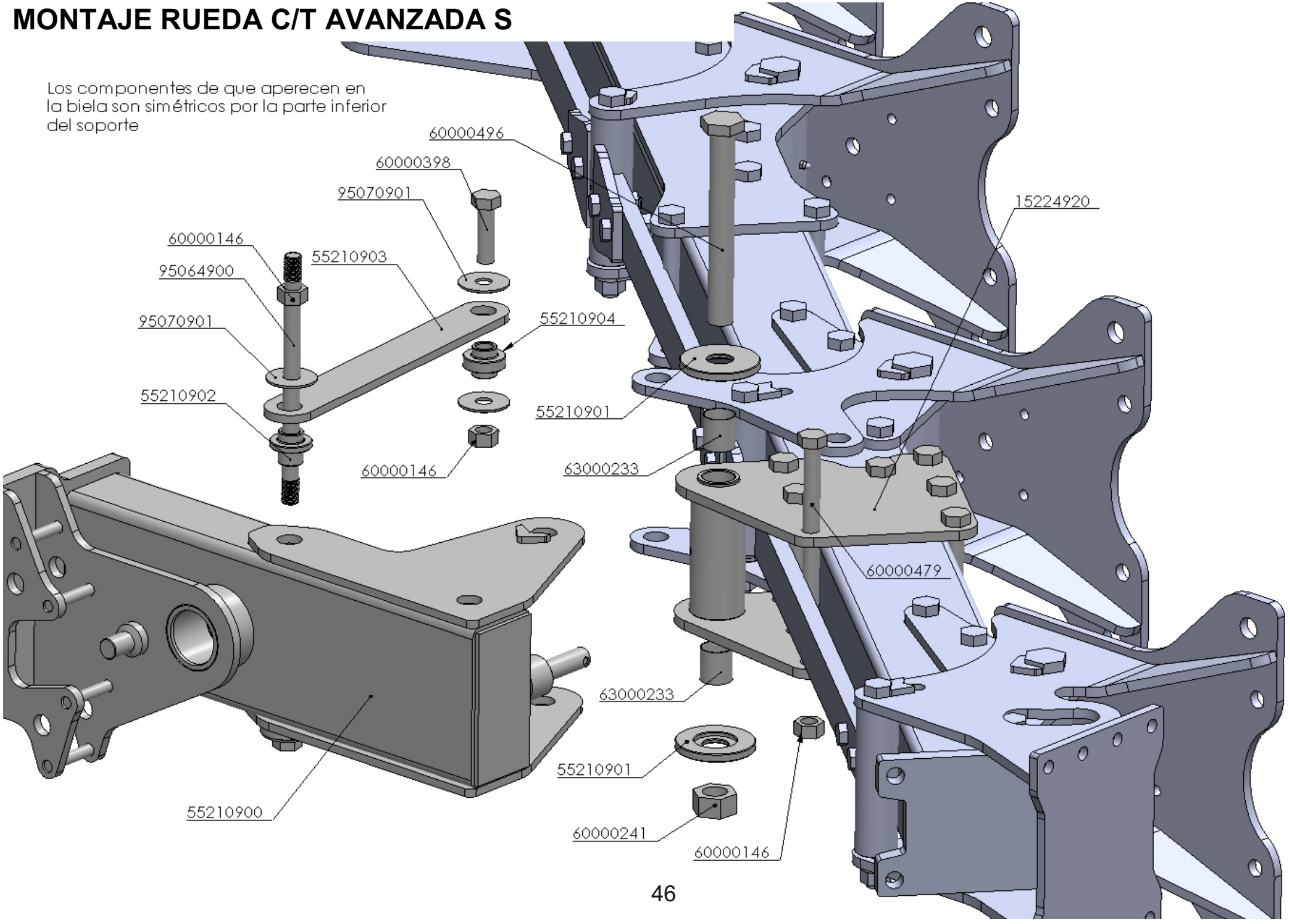
SIST. HIDR.DESPL. 1er CUERPO



SIST. HIDR.DESPL. 1er CUERPO

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15023909	BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET	53000179	ABRAZ.DOBLE D=15mm. 215-15PP
15228914	BULON D=34,8*166mm.ANT.PRIMER CUERPO	53000279	PROTECTOR E.R.MACHO 1/2" VERDE 5029-4PG
51000241	CILIND.AJUSTE 1er.CPO.45/90/120	53000400	PLACA RFZO.AB.DOBLE 15/18
52000001	VALV.BLOQUEO ZINC.12 VBD38	53000456	PLACA SOLDAR AB.DOBLE 15/18 SP2D
53000001	TORNILLO SIMPLE 3/8 4022	53000492	UNION MACHO 1/4
53000006	JUNTA METAL/GOMA 1/2" 11603	53000544	LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4
53000007	JUNTA METAL/GOMA 3/8" 11602	53000546	LATIG.PREMIER-1/4*2750mm.MF-1/4/OR-3/8
53000059	ESFERICO 3/8" TUBO 12mm.LG=40 4002E	53000549	RACOR GIRATORIO RECTO GGL 1/4 GAS
53000061	ESFERICO 3/8" TUBO 12mm.LG=200 4002E-200	55000003	ADAPTADOR E.R.FASTER 1/2" 30410108
53000075	TORNILLO SIMPLE 3/8 REDUCTOR 4022-T	96035903	SOP.TOMAS HIDRAULICAS AF
53000093	JUNTA METAL GOMA 1/4" 11601		

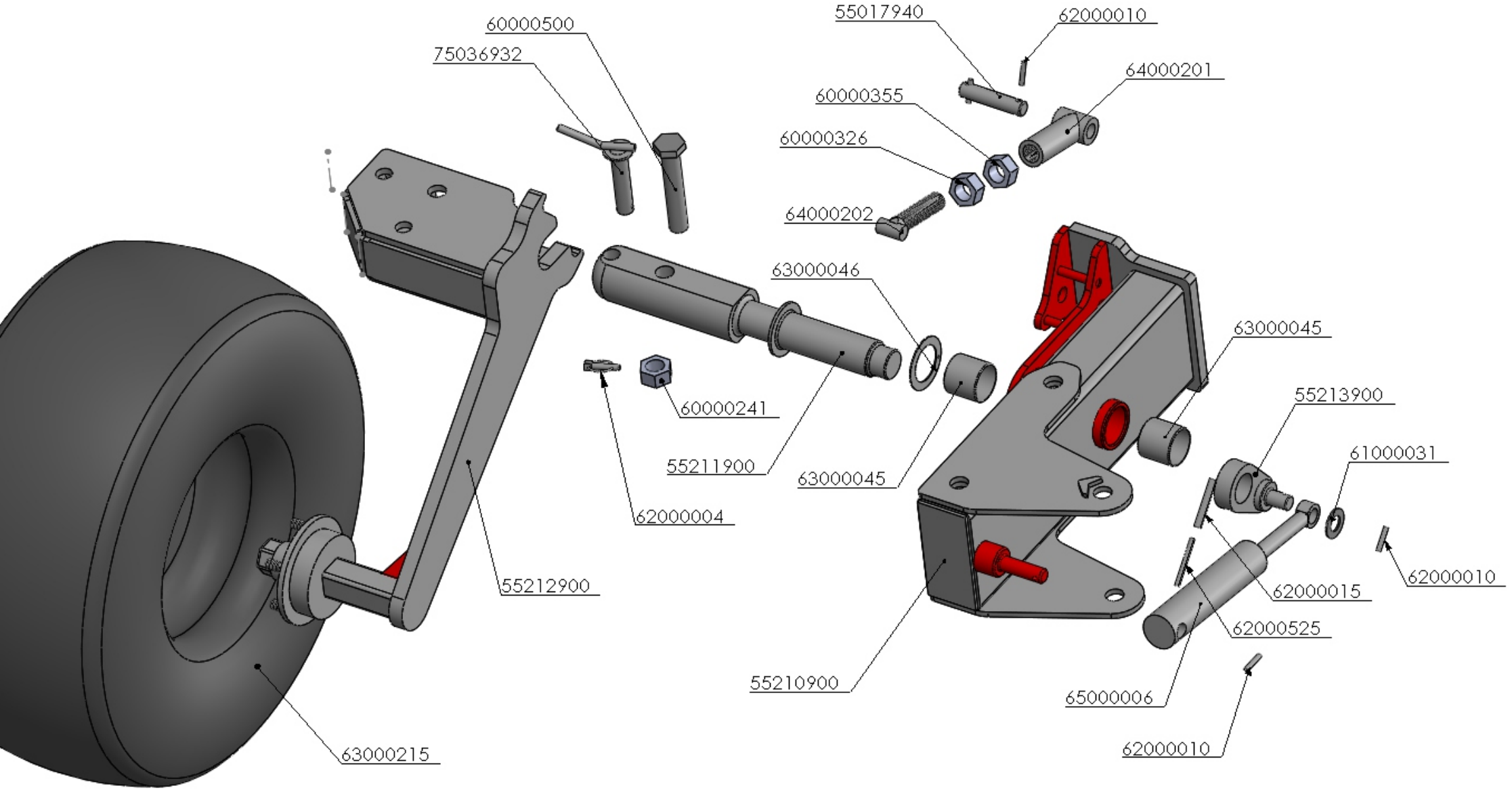
MONTAJE RUEDA C/T AVANZADA S



MONTAJE RUEDA C/T AVANZADA S

REFERENCIA	DESCRIPCIÓN
15224920	SOP.GIRO RDA.AVZD.150
55210900	SOP.RDA.AVZD.S (D/16)
55210901	ARAND.SOP.RDA AVZDA. (D/16)
55210902	CASQ.D= 29,7/20,5*39mm.RDA.AVZDA.(D/16)
55210903	BIELA SOP. RDA AVZDA. (D/16)
55210904	CASQ.D= 29,7/20,5*34mm.RDA.AVZDA.(D/16)
60000146	TUER.AUTO.DIN-980 20 10.9 ZINC.
60000241	TUER.AUTO.DIN-985 30/200 8.8 ZINC.
60000398	TORN.EXAG.DIN-931 20* 70 8.8 BAJO
60000479	TORN.EXAG.DIN-931 20*200 8.8 ZINC.
60000496	TORN.EXAG.C/LAR. 30*240 12.9
63000233	CASQ.FRICCION 38x30x40
95064900	TORNILLO EJE BIELA SS
95070901	ARAND.DIN-9021 20 CEMENTADA

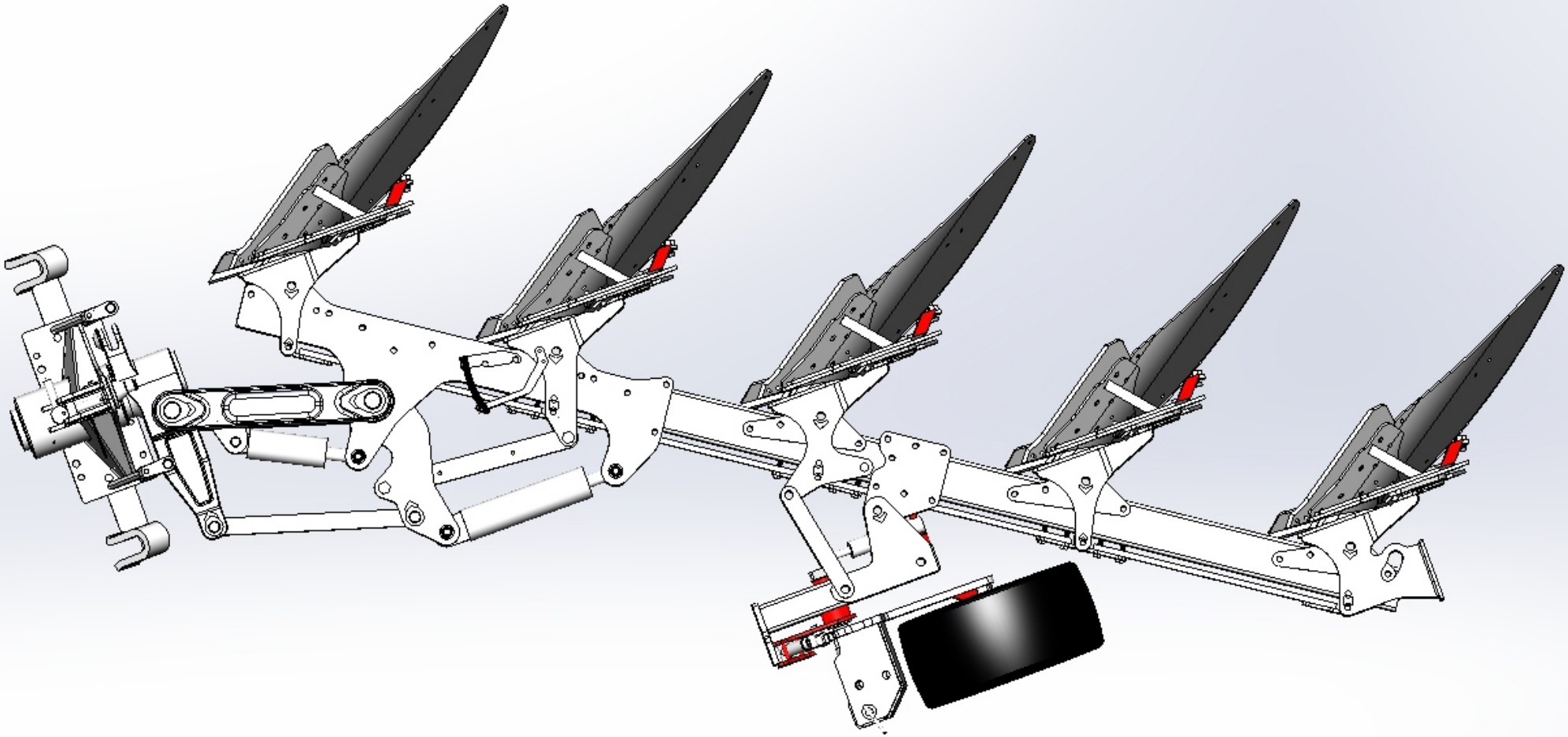
RUEDA C/T AVANZADA S



RUEDA C/T AVANZADA S

REFERENCIA	DESCRIPCIÓN
55017940	BULON D=25*116mm.TOPE RDA.C/T
55210900	SOP.RDA.AVZD.S (D/16)
55211900	EJE RDA.C/T (D/16)
55212900	BRAZO RDA.C/T AVZD. (D/16)
55213900	EXCENTRICA RDA.C/T (D/16)
60000076	TORN.EXAG.DIN-933 16* 40 8.8 ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
60000241	TUER.AUTO.DIN-985 30/200 8.8 ZINC.
60000326	TUER.BAJA DIN-936 30/200 8.8 ZINC.
60000355	TUER.TOPE VOLTEO 30/200 8.8 ZINC.
60000500	TORN.EXAG.C/LARGA 30/200x135 12.9 (CAÑA 98mm.)
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
62000004	PASADOR ANILLA 10 ZINC.
62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.
62000525	PASADOR ELAST.DIN-1481 14* 80 ZINC.
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
75036932	BULON D=26,5*125mm.BRAZO VBC

POSICIÓN 1



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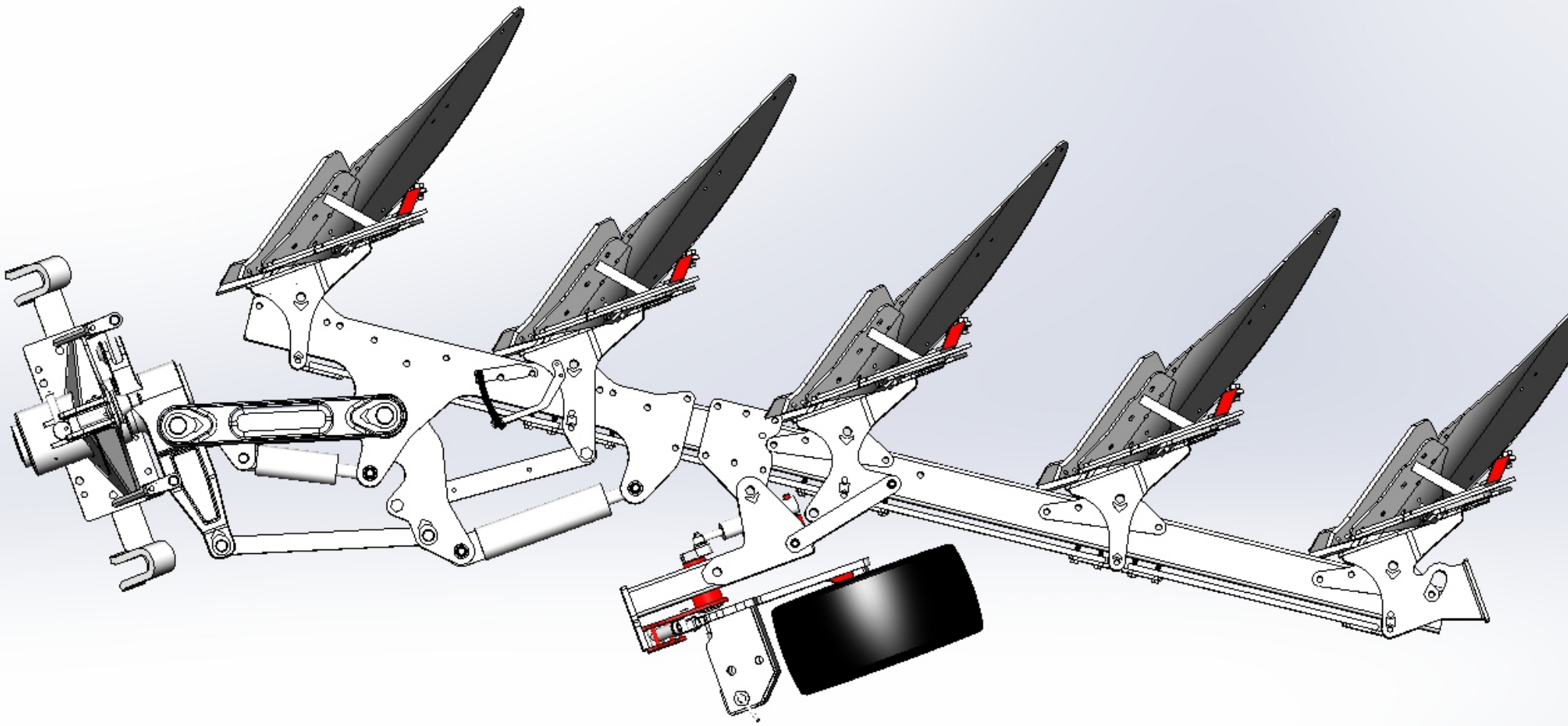
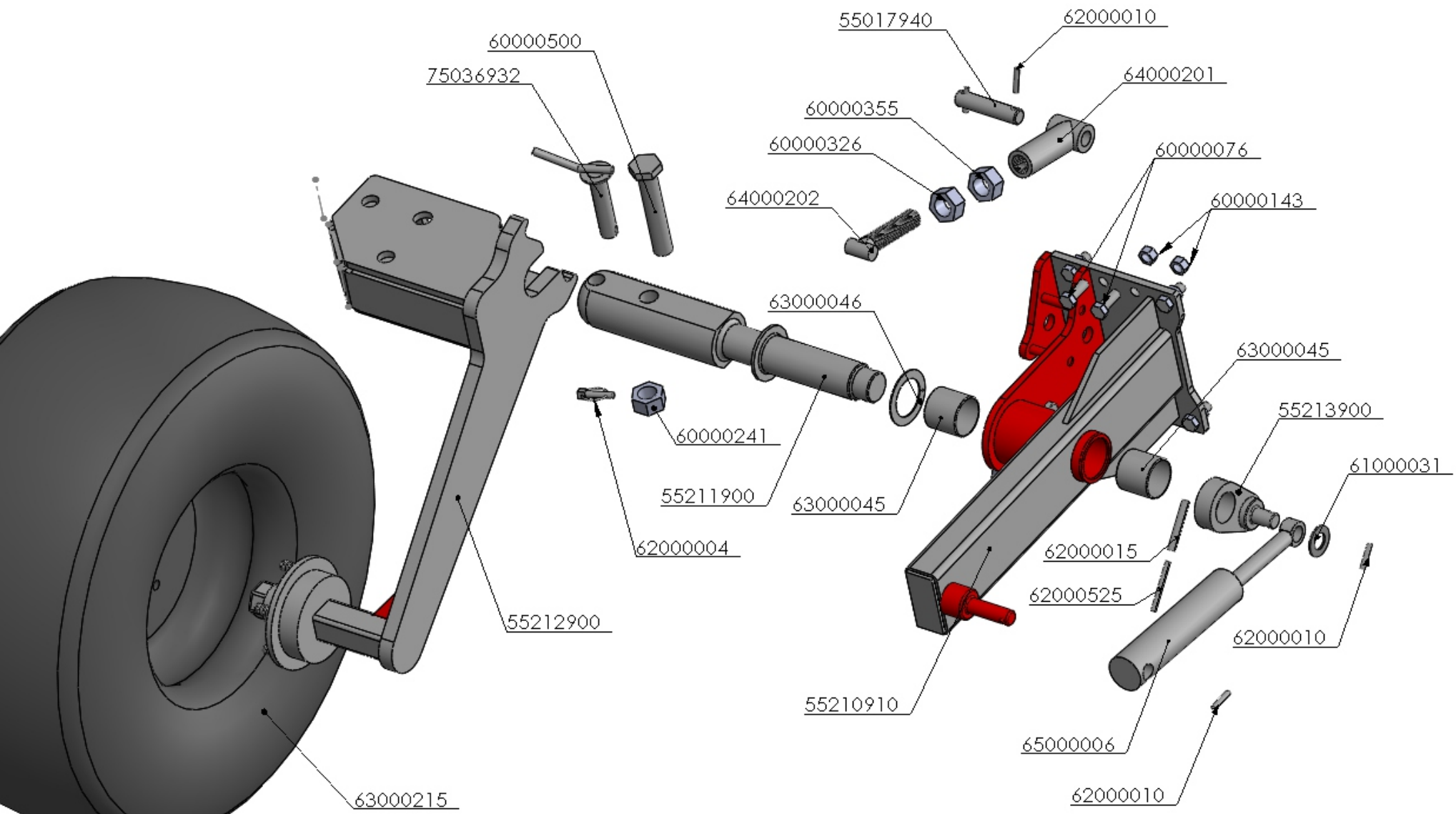


RUEDA C/T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65000006
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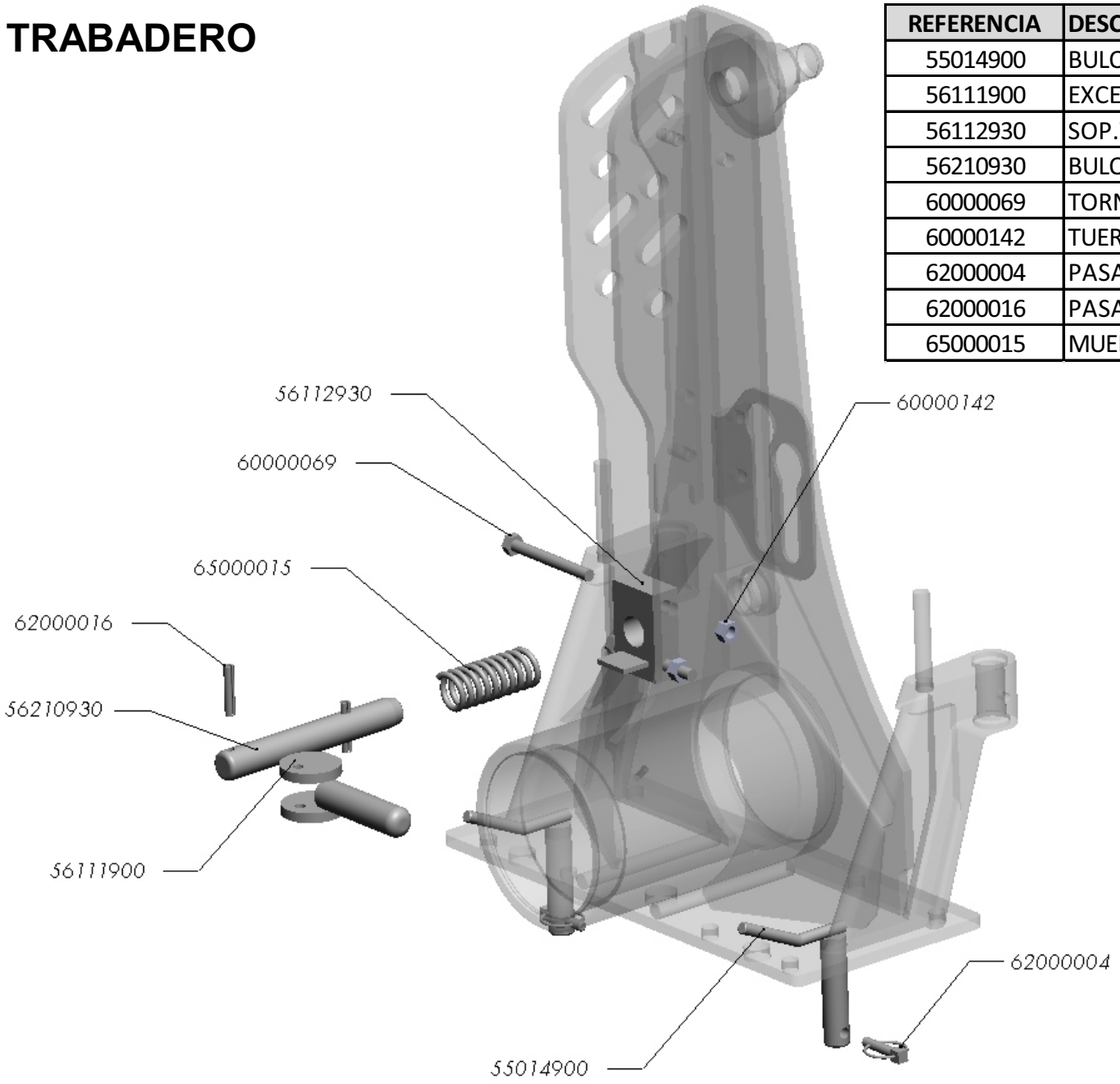
62000010

RUEDA C/T

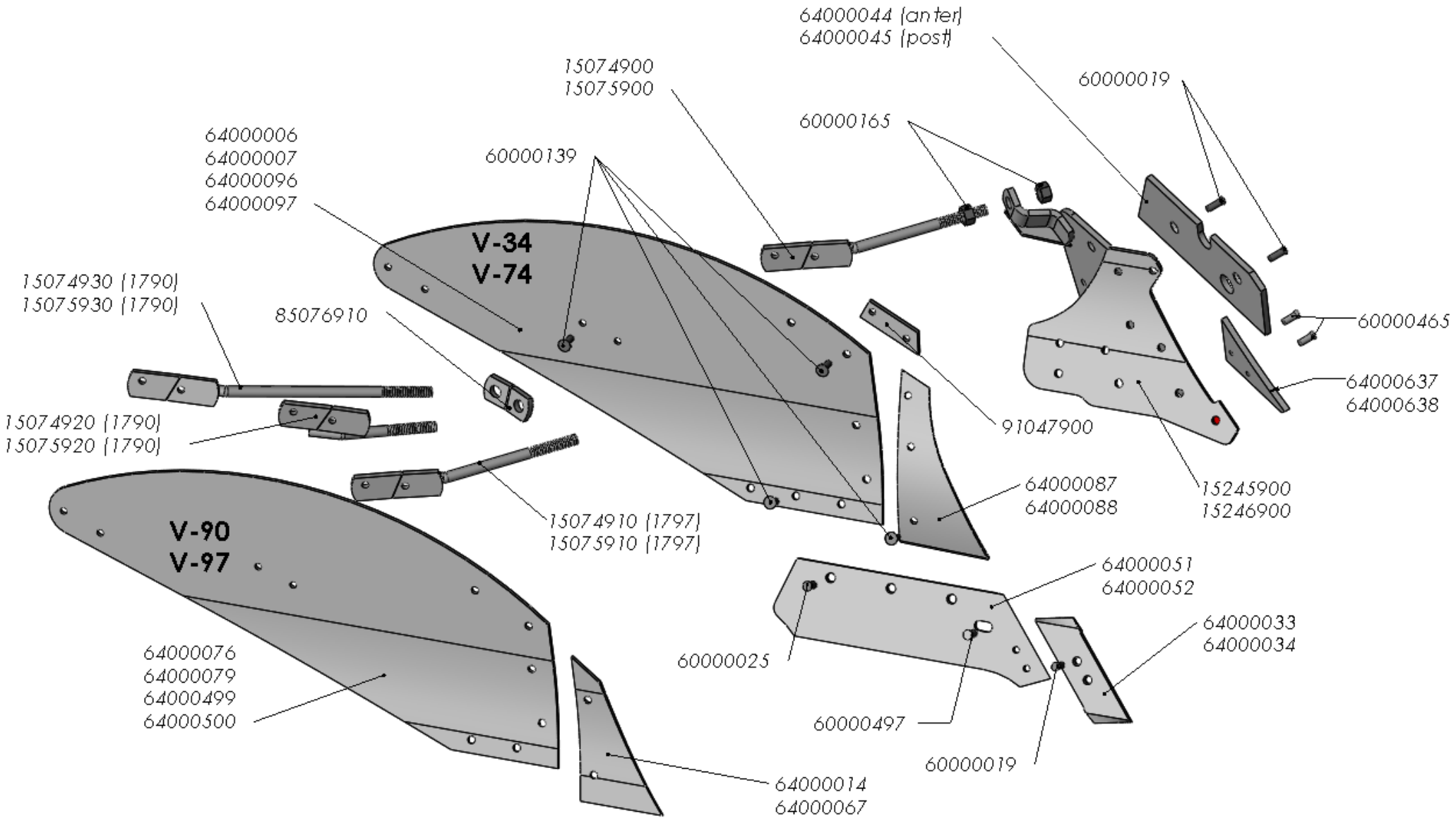
REFERENCIA	DESCRIPCIÓN
55017940	BULON D=25*116mm.TOPE RDA.C/T
55210910	SOP.RDA.C/T (D/16)
55211900	EJE RDA.C/T (D/16)
55212900	BRAZO RDA.C/T AVZD. (D/16)
55213900	EXCENTRICA RDA.C/T (D/16)
60000076	TORN.EXAG.DIN-933 16* 40 8.8 ZINC.
60000143	TUER.AUTO.DIN-980 16 8.8 ZINC.
60000241	TUER.AUTO.DIN-985 30/200 8.8 ZINC.
60000326	TUER.BAJA DIN-936 30/200 8.8 ZINC.
60000355	TUER.TOPE VOLTEO 30/200 8.8 ZINC.
60000500	TORN.EXAG.C/LARGA 30/200x135 12.9 (CAÑA 98mm.)
61000031	ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3)
62000004	PASADOR ANILLA 10 ZINC.
62000010	PASADOR ELAST.DIN-1481 8* 40 ZINC.
62000015	PASADOR ELAST.DIN-1481 8* 80 ZINC.
62000525	PASADOR ELAST.DIN-1481 14* 80 ZINC.
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
75036932	BULON D=26,5*125mm.BRAZO VBC

TRABADERO

REFERENCIA	DESCRIPCIÓN
55014900	BULON D=25*110mm.BLOQUEO/BRAZO RODILLO
56111900	EXCENTRICA TRABADERO
56112930	SOP.TRABADERO (C-120/150)
56210930	BULON D=29,8*216mm.TRABADERO (D/16)
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.



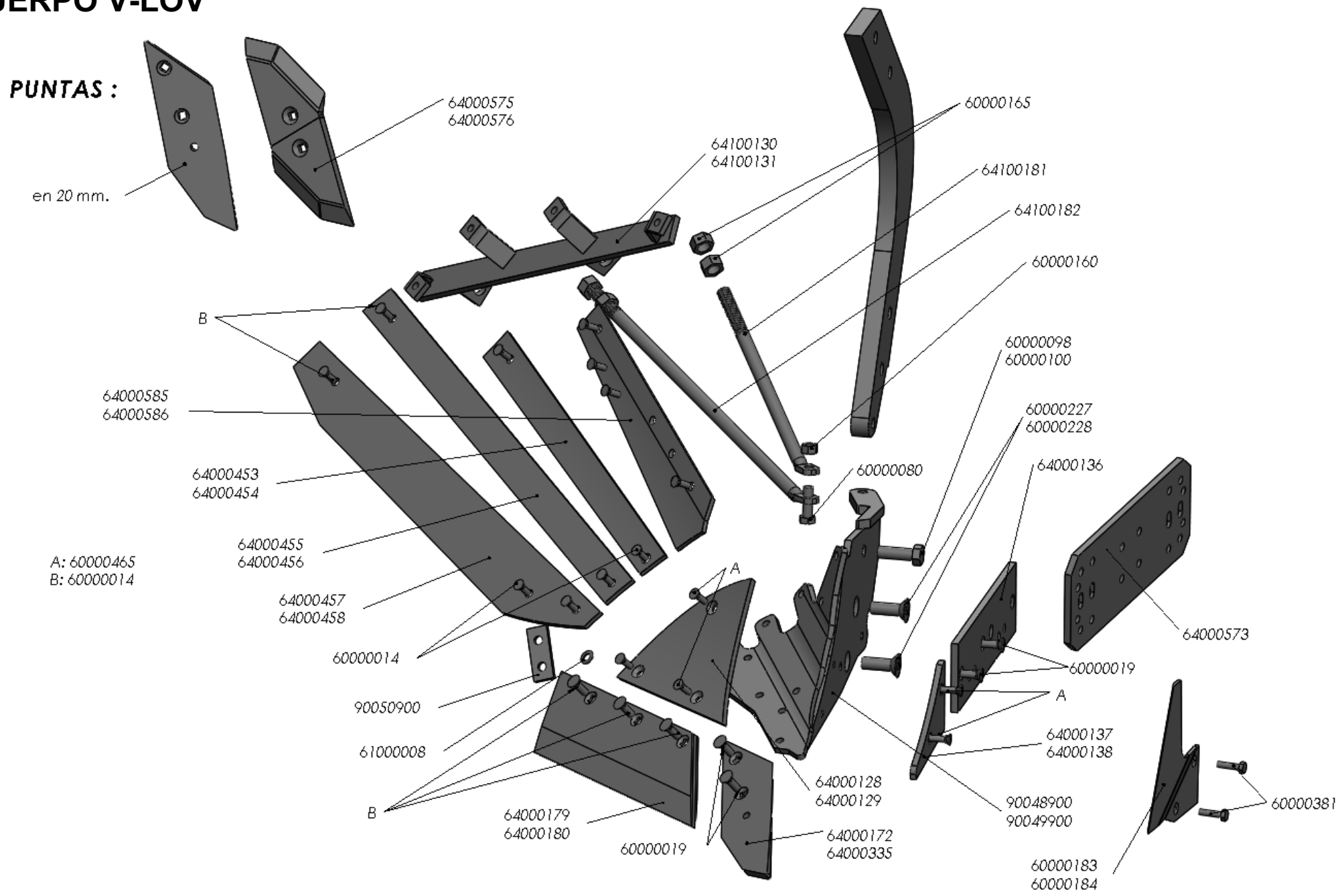
CUERPOS V-34 V-74 V-90 V-97



CUERPOS V-34 V-74 V-90 V-97

REFERENCIA	DESCRIPCIÓN	REFERENCIA	DESCRIPCIÓN
15074900	TENSOR V-34 CORTO DCH.(D/04)	64000034	PUNTA REJA 1365-I 65x12mm.
15074910	TENSOR V-97 CORTO DCH.(D/04)	64000044	COSTANERA CORTA 2338-CAV-BAR
15074920	TENSOR V-90 CORTO DCH.	64000045	COSTANERA LARGA 2339-CAV-BAR
15074930	TENSOR V-90 LARGO DCH.	64000051	REJA 1434-17-D-CAV
15075900	TENSOR V-34 CORTO IZQD.(D/04)	64000052	REJA 1434-17-I-CAV
15075910	TENSOR V-97 CORTO IZQD.(D/04)	64000067	COMPLEMENTO BORO 1798-I-CAV
15075920	TENSOR V-90 CORTO IZQD.	64000076	VERTEDERA CEMENT. V-97-D-CAV
15075930	TENSOR V-90 LARGO IZQD.	64000079	VERTEDERA CEMENT. V-97-I-CAV
15245900	PORTA-REJAS DCH.1797/1834 (D/16)	64000087	COMPLEMENTO BORO 1849-D-CA
15246900	PORTA-REJAS IZQD.1797/1834 (D/16)	64000088	COMPLEMENTO BORO 1849-I-CA
60000019	TORN.ARADO C/OV/934 12*36 12.9	64000096	VERTEDERA BORO V-74-D-CAV
60000025	TORN.ARADO C/OV/934 14*35 12.9	64000097	VERTEDERA BORO V-74-I-CAV
60000139	TORN.ARADO 2TET/934 12*35 8.8 ZINC.	64000497	TORN.ARADO C/OBL/934 14*34 12.9
60000165	TUER.EXAG.DIN-934 22 8.8 ZINC.	64000499	VERTEDERA CEMENT. V-90-D-CAV (KV-28)
60000465	TORN.ARADO C/OV/934 10*33 12.9	64000500	VERTEDERA CEMENT. V-90-I-CAV (KV-28)
64000006	VERTEDERA CEMENT. V-34-D-CAV	64000637	PUNTA COSTAN.D 1797/1834
64000007	VERTEDERA CEMENT. V-34-I-CAV	64000638	PUNTA COSTAN.I 1797/1834
64000014	COMPLEMENTO BORO 1798-D-CAV	85076910	SOP.TENSOR LARGO V-90
64000033	PUNTA REJA 1365-D 65x12mm.	91047900	PLETINA UNION VERT./COMPL. V-34

CUERPO V-LOV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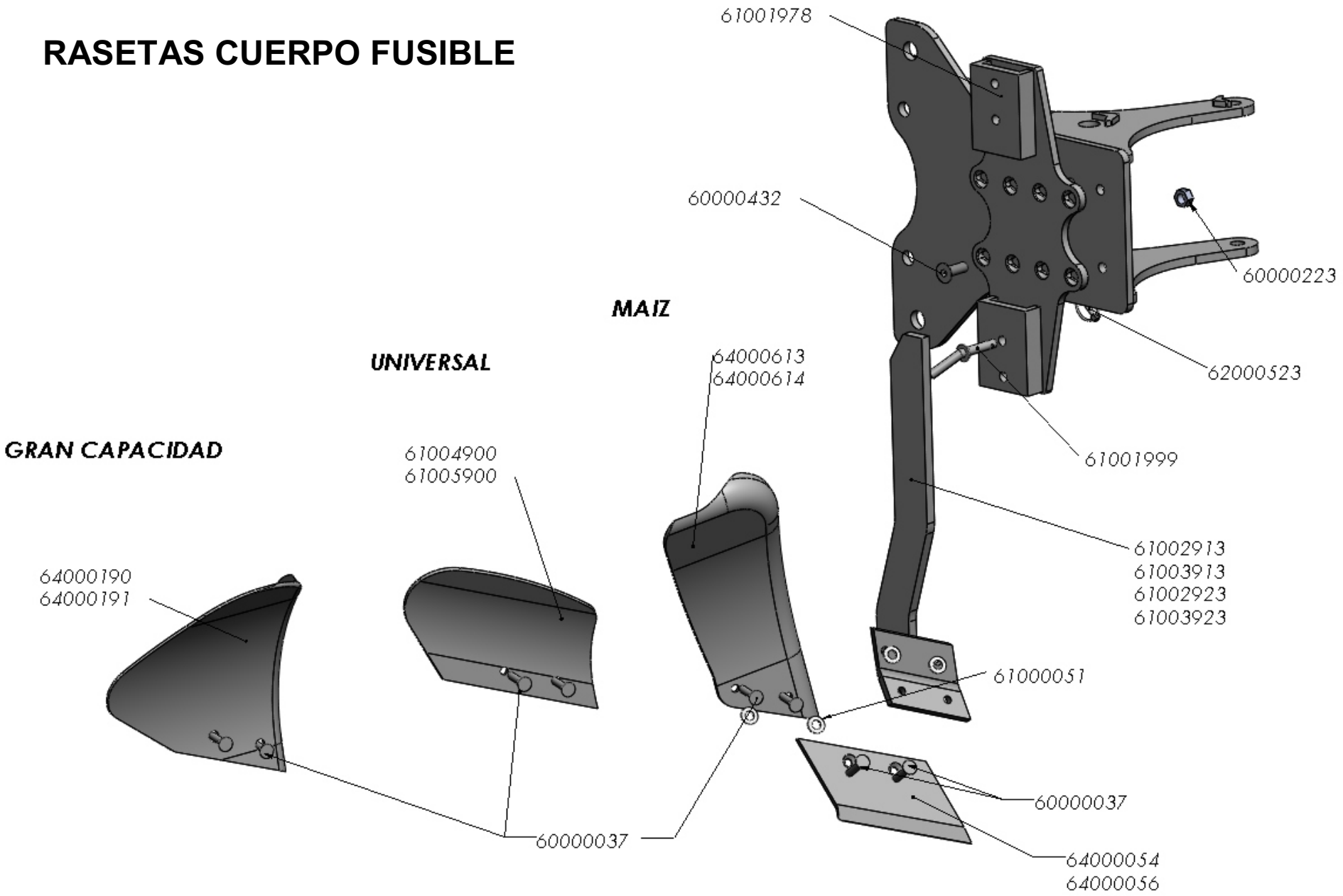
60000019

CUERPO V-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		

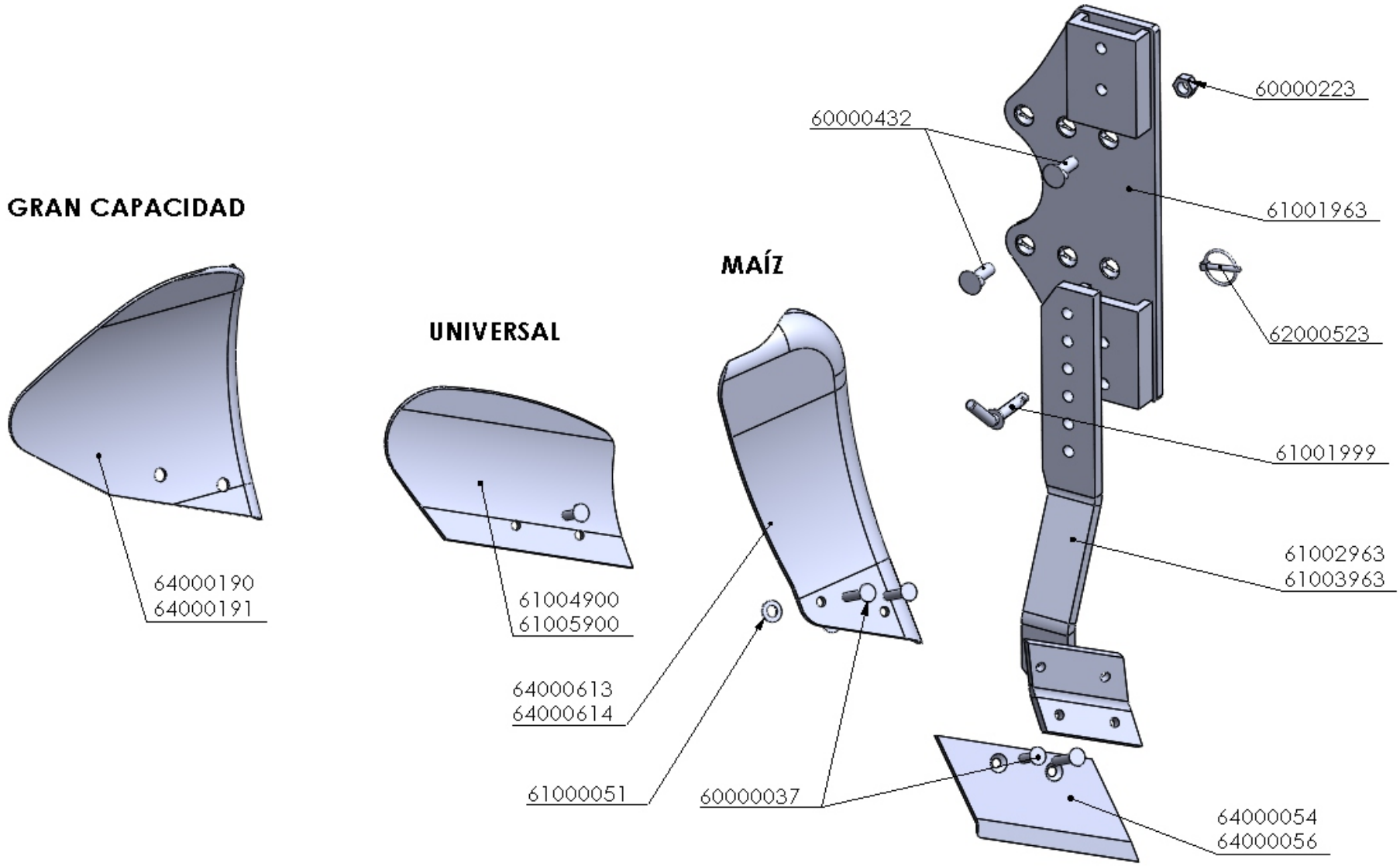
RASETAS CUERPO FUSIBLE



RASETAS CUERPO FUSIBLE

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.
61001978	SOP.RASETAS SN D/76cm.(D/13)
61001999	BULON D=12*120mm. REG.RASETAS
61002913	BRAZO RASETA DCH.SN (D/13-AG)
61002923	BRAZO RASETA DCH.SN 86cm.(D/13-AG)
61003913	BRAZO RASETA IZQD.SN (D/13-AG)
61003923	BRAZO RASETA IZQD.SN 86cm.(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

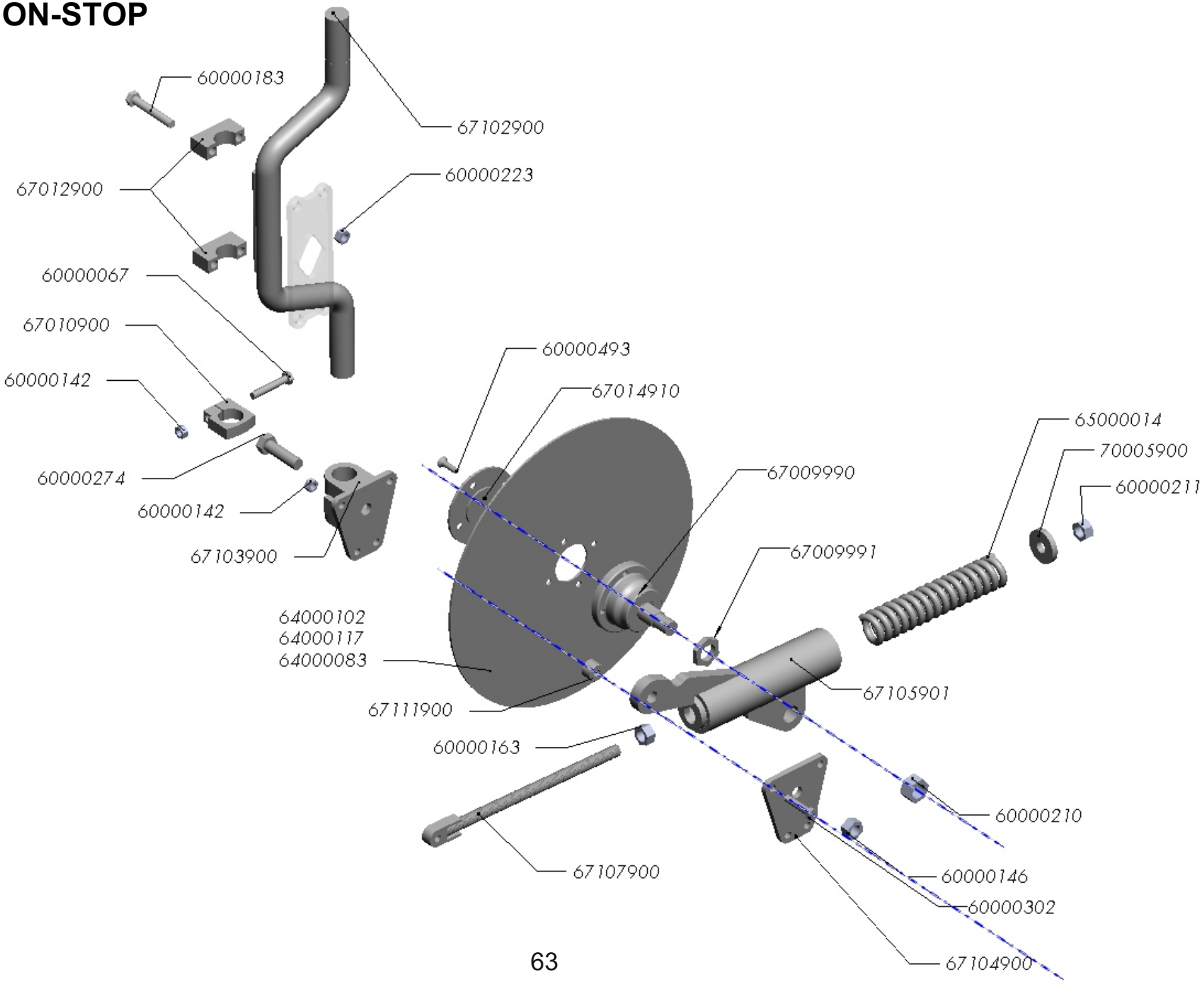
RASETAS ÁNCORA



RASETAS ÁNCORA

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

DISCOS NON-STOP



DISCOS NON-STOP

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.	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	67105901	BRAZO DISCOS NON-STOP (D/16)
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.

FÁBRICA Y ADMINISTRACIÓN
OVLAC Fabricante de Maquinaria Agrícola, S.A. Polígono Industrial,
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Fax: + 34 979 76 10 22
E-mail: fabricacion@ovlac.com