

XPERIENCE

REV 2021



INSTRUCTIONS AND SPARE PARTS MANUAL



CONGRATULATIONS!

You have just acquired Ovlac machinery!

As the country's largest producer of agricultural machinery for soil tillage, we are honoured that you have chosen Ovlac as your trusted choice.

After many years of experience in the field, we make sure that you will be proud of your purchase in the same way that we are proud of the product we have created under the strictest quality standards.

For the correct use and enjoyment of this equipment, we strongly recommend that the customer read the instructions contained in this manual and use it as a reference for any questions that may arise regarding the operation of your Ovlac equipment.

Sincerely yours: Jorge Calvo

CEO of Ovlac



CONSIDERATIONS

This instruction manual describes the Operating and Maintenance Instructions and Spare Parts for the indicated equipment.

This agricultural equipment, called XPERIENCE, is designed for tilling the soil, applied to a Tractor with lifting gear and universal threepoint linkage.

The proper functioning of the machine depends on its correct use. It is therefore advisable to read the instructions given in this manual carefully in order to avoid any inconvenience that could impair the proper functioning and durability of the machine.

It is also important to follow the instructions in the manual, as the Manufacturer declines all responsibility for negligence and non-observance of these instructions.

The Manufacturer is at your disposal to guarantee immediate and accurate technical assistance and to provide all that may be necessary for a better functioning and performance of the machine.

The Manufacturer reserves the right to modify the Machine without the need to urgently update this publication.



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1.- Security Rules

Read carefully all the instructions for use of the cultivator.

The manufacturer declines all responsibility for any inconvenience caused by NOT observing the Safety and Accident Prevention Regulations described below.

- 1.- Pay attention to the danger and warning symbols shown in this manual and indicated on the equipment.
- 2.- Repairs and adjustments to the equipment must always be carried out with the engine stopped and the tractor locked.
- 3.- It is strictly forbidden to transport people or animals on the equipment.
- 4.- It is strictly forbidden to entrust the driving of the tractor, with the equipment hooked up, to people without a driving license, inexperienced, or who are not in good condition.
- 5.- Scrupulously observe all the accident prevention measures recommended and described in this manual.
- 6.- The application of additional equipment to the tractor implies a different weight distribution on the tractor axles.
- 7.- Before putting the tractor and the equipment into operation, check that all the safety elements for transport and use are in perfect condition.
- 8.- The symbols with warnings displayed on the equipment give the appropriate suggestions for the use of the same.
- 9.- To circulate on the road, it is necessary to observe the rules of circulation according to the country where it's operated.
- 10.- Respect the maximum weight foreseen on the tractor, the total mobile weight, the transport regulations and the road code.
- 11.- Before starting to work, familiarise yourself with the control devices.
- 12.- Pay the utmost attention to hitching and unhitching the equipment.
- 13.- Never leave the driving position when the tractor is in motion.
- 14.- Remember that road adherence, steering and braking capacity may vary significantly due to the presence of suspended equipment.
- 15.- It is strictly forbidden to remain in the area of action of the equipment.
- 16.- Before leaving the tractor, lower the suspended equipment, stop the engine, apply the parking brake, and remove the ignition key from the dashboard.
- 17.- The category of the hitch pins of the equipment must correspond to that of the linkage of the lift.
- 18.- Pay maximum attention when working in the area of the arms of the tractor, it is a very dangerous area.
- 19.- It is strictly forbidden to stand between the tractor and the equipment to manoeuvre the external lifting control.
- 20.- During road transport with the equipment suspended, put the control lever of the hydraulic lift in the locking position.
- 21.- The spare parts must correspond to the requirements defined by the Manufacturer. Always use original spare parts.
- 22.- The safety instruction decals must always be clearly visible. Clean and replace them if they are not legible (You can ask your dealer for them).
- 23.- The instruction manual must be kept for the whole life of the equipment.



(Fig.1) WARNING

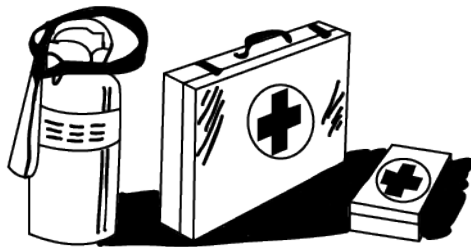
Before starting to work, read the instructions in the manual.

DANGER

Do not handle the equipment when it is suspended, danger of crushing. Maintain the safety distance.

DANGER

Lifting the equipment can cause injuries due to reaching. Maintain the safety distance.



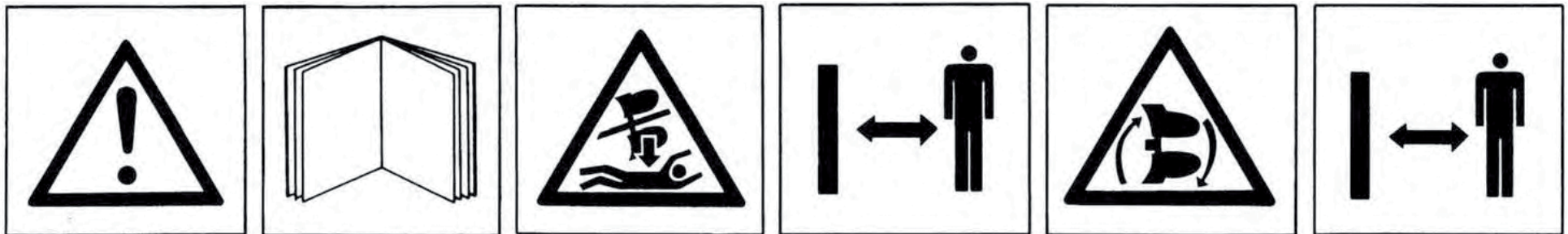
To be ready in case of an emergency

Keep a first aid kit and fire extinguisher on hand. Write down the telephone numbers of doctors, ambulance and fire brigade and keep them near the phone.

Use adequate clothes

Avoid loose clothing and use appropriate safety equipment depending on the type of work. Safe operation of the machine requires the full attention of the operator.

Don't use headphones for listening to the radio while working with the machine.



SPECIFIC INSTRUCTIONS FOR WELDING REPAIRS

When repair by welding is authorised by the manufacturer, the following points shall be taken into account generally.

In particular cases, appropriate welding instructions shall be provided for each application.

- 1** Repair welding should be carried out by qualified welders and in accordance with good technical and safety code practice.
- 2** Before welding repairs, remove paint, rust, dirt or any other substances harmful to the weld.
- 3** To avoid damage to mechanical or hydraulic components such as bearings, shafts, hydraulic actuators, hydraulic systems, etc., care should be taken to place the earth connection in an area of good contact, free of paint and rust.
On machines with hydraulic cylinders, we must ensure that the welding current does not flow through such elements. For this purpose, the earth connection shall be placed on the same part of the machine to be repaired.

4 Our machines are made of high elastic limit (HEL) steels, which means that special attention must be paid to welding processes and filler materials. In general, basic coated electrodes E7016 or E7018 will be used. For the MAG (semi-automatic) welding process, ER70S6 wire and Ar+20CO2 will be used as shielding gas. In both cases, follow the recommendations for 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 lower than 15 C, preheating by flame between 75-100 C is recommended.

6 It is strictly forbidden to cool welding seams with water, air or any other substance.

In case of questions during repair, please contact the manufacturer via the usual means of communication.

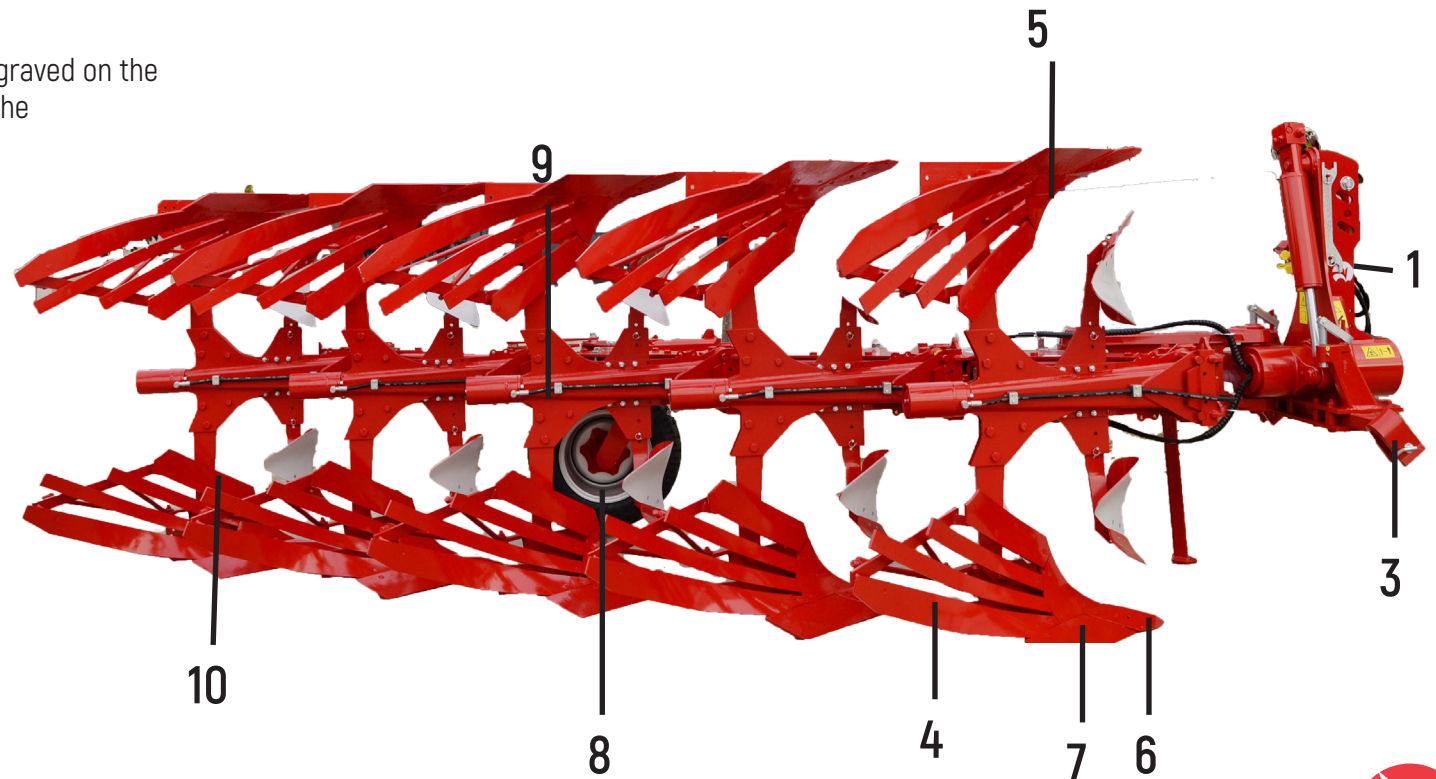


2.- Description and Technical Data

1. HEADSTOCK
2. IDENTIFICATION PLATE*
3. OSCILLATING SHAFT
4. BODY
5. BODY SUPPLEMENT
6. SHARE POINT
7. SHARE
8. CONTROL WHEEL
9. SECURITY SYSTEM
10. LEG

Note: the number of the plough's manufacture, engraved on the nameplate, must match the number engraved on the headstock's support.

*2. Identification Plate



TECHNICAL DATA

| MODELS | XPERIENCE-130 | XPERIENCE-150 | XPERIENCE-180 |
|---------------------|---|---------------|---------------|
| Interbody distance | 85/95 cm (standard to choice) and 105 cm (optional) > 105 cm unavailable in some models | | |
| Underbeam clearance | 72 cm or 78 cm (standard to choice) | | |
| Working width | 12" - 22" | | |
| Frame | 100x150x8 mm | 150x150x8 mm | 150x150x8 mm |

| MODELS: Great Clearance | XPF/XPFV -120 | XPF/XPFV -130 | XPF/XPFV-180 |
|-------------------------|---------------|---------------|--------------|
| Interbody distance | 105 cm | | |
| Underbeam clearance | 90 cm | | |
| Working width (V) | 12" - 22" | | |
| Frame | 100x150x8 mm | 150x150x8 mm | 150x150x8 mm |



3.- Varilabor

In the OVLAC XP models the working width can be adjusted up to the needs of the farmer, in 4 different positions divided by steps of 2" (5 cm). The positions 1 and 4 answer to the minimum and maximum positions, respectively (Fig. 3). After changing the working width of the plough, you must regulate the landslide extension of the plough through the memory cylinder (C) by adjusting the working measure as the sticker X indicates (Fig. 2). Make sure that the allignement of the bodies coincide with the working direction.

XPV models incorporate the exclusive OVLAC control system of the first body and variable cut -Varilabor-, which allows to adopt any working width between 10" (30 cm) and 22" (55 cm), with a single operation directed over the cylinder C, even moving, from the tractor's cabin.

If the plough does not have an oscillating shaft available you must adjust the drifting through the tensor T (Fig. 1) until it matches the measure indicated in the sticker (P).

The indicator points to the selected working width. The possibility of modifying the furrow width allows to adapt the plough to the terrain conditions and the tractor's power.

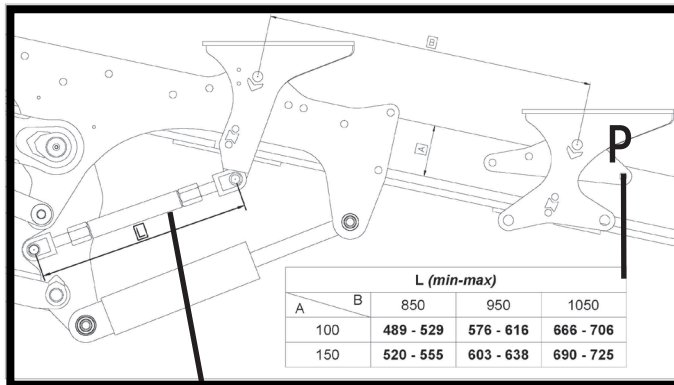


Fig. 1

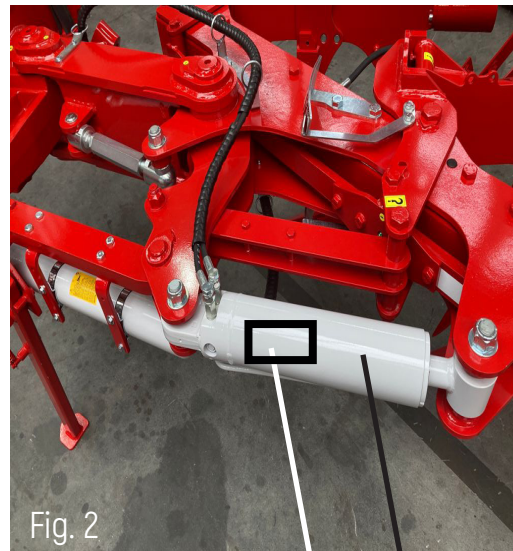


Fig. 2

X C



Fig. 3



4.- Security Systems

Shearbolt security systems warantee protection through its shearing bolts. When the tip faces an obstacle, the bolt breaks, allowing the leg to turn on its hosting. In order to continue the labor you need to place the leg again and find a new replacement for the bolt B. (Fig. 4)

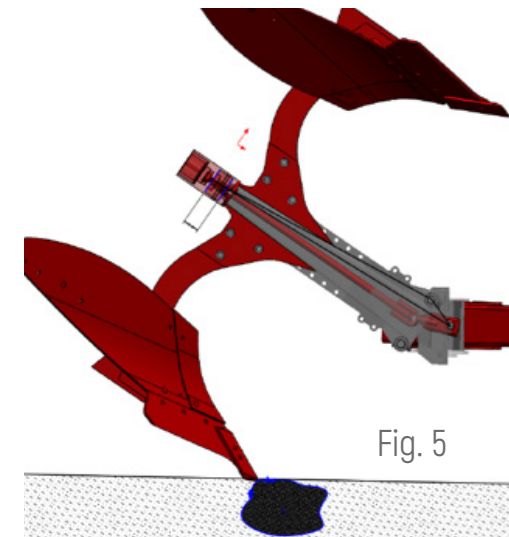
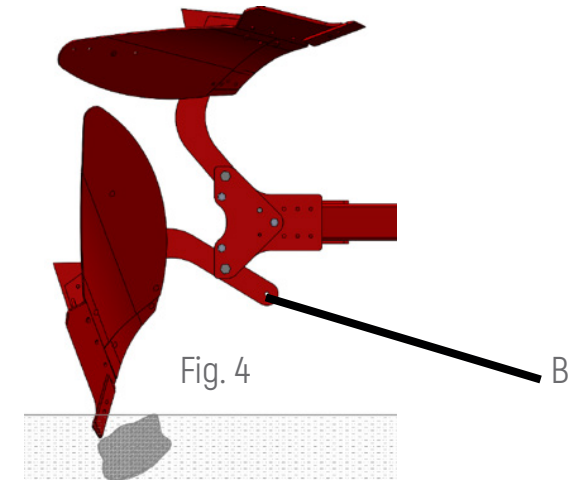
WARNING: Use only original shearbolts. Other kind of bolts will not offer the same resistance, which can result in malfunctioning and therefore cancellation of the warranty.

NOTE: size and quality of the shearbolts is calculated for them to break at a determined pressure. Is essential to replace the bolts with same-quality-and-size bolts, otherwise you'll lose the warranty.

Hydraulic "Non-Stop" security systems act automatically. When the shear faces an obstacle, the system gives up, allowing the leg to elevate and save it, retrieving afterwards to its original position without stopping the tractor. (Fig. 5)

By doing so, all the impacts made by uneven terrain are absorbed by the security system, which protects all the elements of the plough, and of course, the tractor.

For the same reason, "Non-Stop" security systems decrease the traction effort by avoiding the tractor to face all the obstacles by itself.



In the HYDRAULIC models, in order to adapt the plough to the conditions of the terrain, you may regulate the trigger pressure by injecting (hard terrains) or retiring (soft terrains) oil from the circuit and modifying the pressure in the whole system. For regulating the working pressure you must:

- Open the key C (Fig.6) in order to read the pressure in the pressure gauge.
- Open the key L (Fig.6).
- Acting over the corresponding tractor command to increase or decrease the pressure.
- Once the pressure is adjusted, close the keys L and C.

Note: The OVLAC Non-Stop security systems are regulated in-factory at an optimum pressure for medium-hardness terrains. Always work with a pressure in between 120 and 135 bars. Maximum working pressure is 140 bars.



Fig. 6



5.- Turn Up

5.1 - Adaptation to the tractor

OVLAC ploughs are designed to be adapted to the three universal linking points of any tractor.

The oscillating shaft, or linking rod, is supplied in 2 versions (distance between centers):

| | |
|--------------|----------|
| Category II | 890 mm. |
| Category III | 1025 mm. |

The linking rod must have the right length in order to make the pulling forces converge at the center of the front axis, as displayed in the Fig. 7.

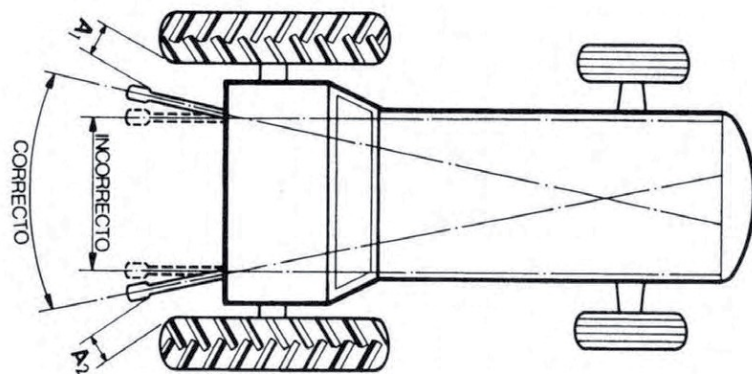


Fig. 7

5.2 - Working bodies

Eliminate the layer of paint that protects the bodies before working, in order to avoid sticky soil in your bodies.

Check that the distances $A1=A2$ and $B1=B2$ as shown on the Fig. 6. If said distances doesn't match, adjust them through the pulling C and the Bolts D and D'.(Fig. 8 and 9).

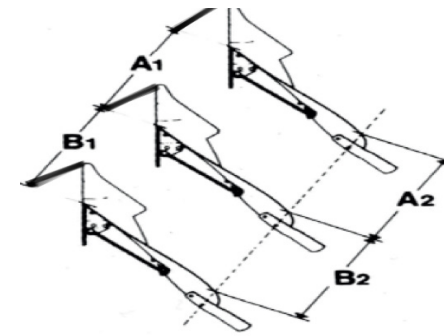


Fig. 8

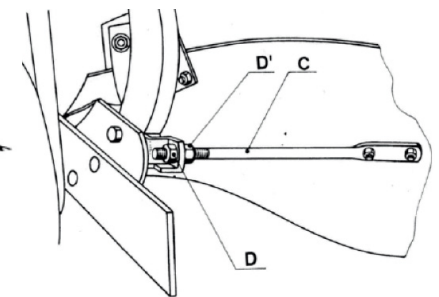


Fig. 9



5.3 - Alignment

The plough must work aligned with the tractor, if not, the plough will tend to abandon the working direction. Must check that the distance $A1=A2$ (Fig. 7, page 11). In the OVLAC ploughs, the drifting effect is auto-corrected thanks to the oscillating shaft.

At ploughs with no oscillating shaft you must act over the tensor T of drifting correction (Fig. 11) by making the rules on the sticker P.

The third point arm must be coupled in a way that, when on working position, the end that links over the plough remains slightly higher than the end that links to the tractor (Fig. 10).

The third point (EXCEPT TRACTORS WHOSE CONTROL IS ON THE THIRD POINT) must always link the drill E (Fig. 10) trying that its length doesn't stop its free movement throughout the whole labor.

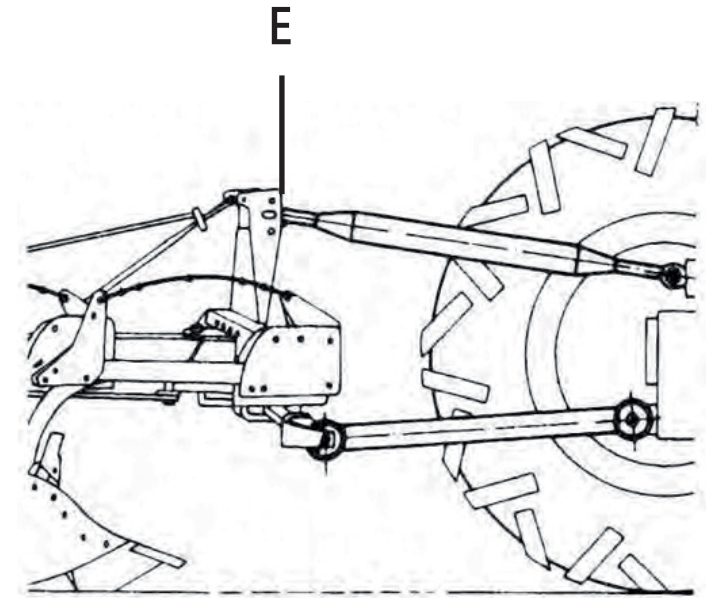


Fig. 10

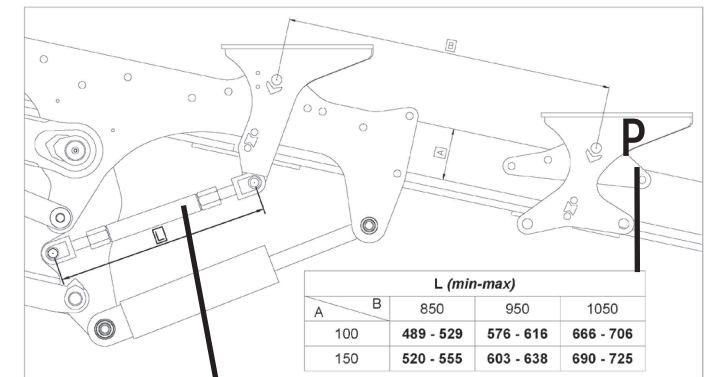


Fig. 11



5.4 - First furrow width

The first furrow width is adjusted acting over the tensor T that displays the headstock (Fig. 14) in a way that verifies the observations described in Fig.13. If we stretch the Tensor we increase the width of the first body and viceversa.

The plough counts with regulation possibilities conceived for a width between wheels of 110 to 200 cm, being optimal 120-180 cm.

As a starter point, after regulating the perpendicularity of the ANCHOR according to the terrain, acting over the turning tops A (Fig. 17) we'll settle a working width of 40-45 cm and then we'll place the point of the first body around 40 cm of the inside of the wheel as indicated on the right image in fig. 13.

After, adjustments are meant to be made according to the wheel's width, speed, and terrain.

We don't recommend wheels over 710mm in order to work in-furrow.

Optionally, the width adjustment of the first body can be done from the tractor's cabin with the hydraulic cylinder H (FIG. 12). If we stretch the cylinder we increase the width of the first body and viceversa.

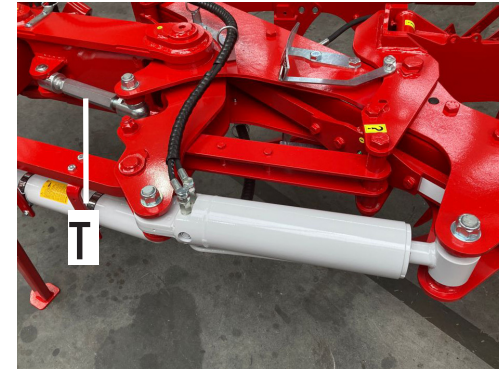


Fig. 14

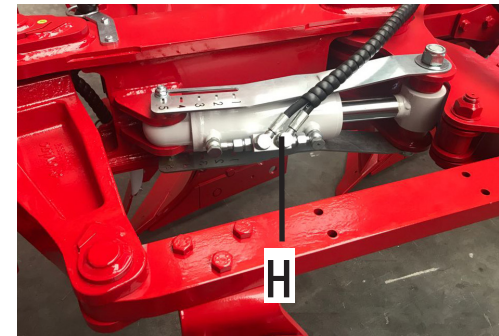
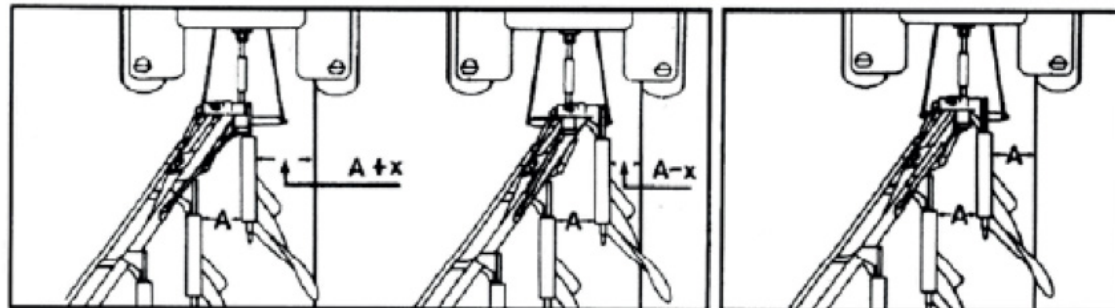


Fig. 12



Incorrecto / Wrong / Incorrect

Correcto / Right / Correct



5.5 - Other adjustments

The length of the third point must be adjusted in a way that the frame is parallel to the ground, otherwise the first bodies would work at uneven depth compared to the last bodies, resulting in uneven labor (Fig. 15).

For the same reason, you must check (while laboring) that the anchors adopt a perpendicular position to the ground (Fig. 16). For that, we need the tines of the tractor to be at the same height AND ACT OVER THE TURNING TOPS (A) FOUND AT BOTH SIDES OF THE HEADSTOCK (Fig. 17).

IMPORTANT: Must try not to drive over curves while laboring, specially with long ploughs, since the pulling strength may cause damage on both the tractor and plough structure.

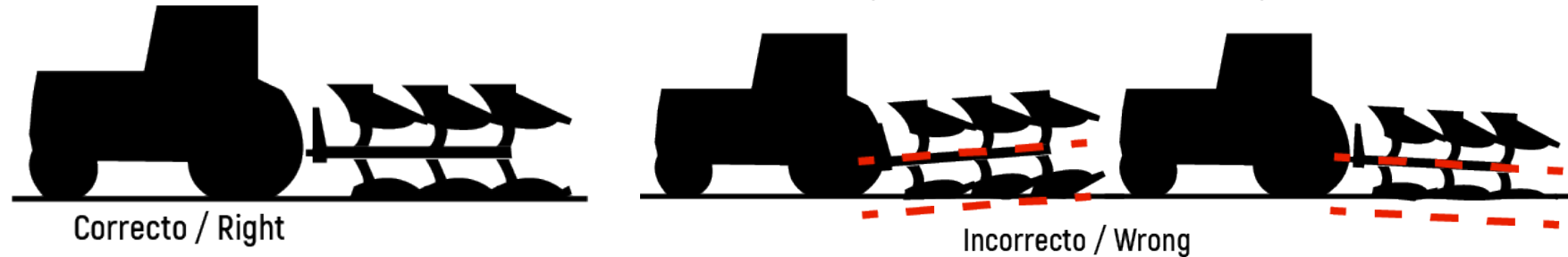


Fig. 15

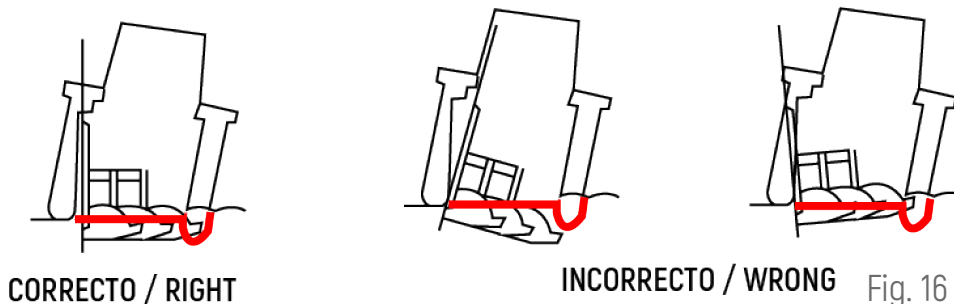


Fig. 16

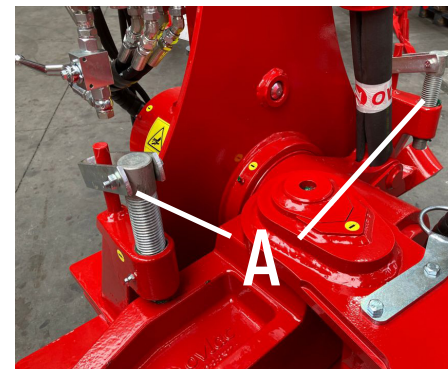


Fig. 17



6.- Working depth

The working depth is regulated through the lifting pull of the tractor. Nonetheless, in order to obtain an even working width in order to save power, all ploughs must be equipped with a depth-limiting wheel (Fig. 18) which height is regulated through the threaded tops A, as the figure 19 indicates. There is a relation between depth and working width that is convenient to respect in order to obtain the best results.

The board provides an excellent reference between working width and depth, which applied correctly it will turn out as great results.

We recommend to maintain the right pressures in order to extend the life of the wheel, as noticed on the last board.

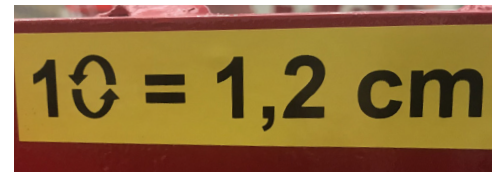
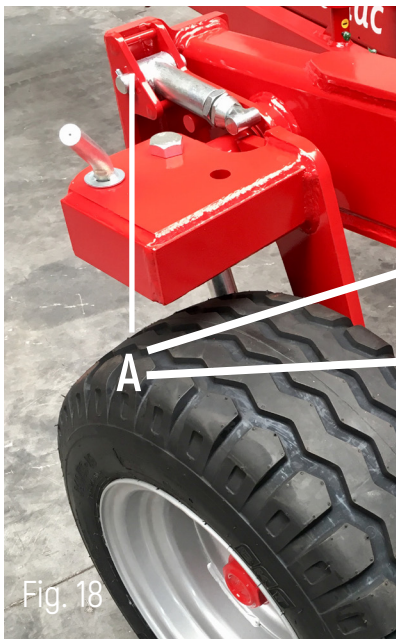


Fig. 19

| | Inches | 12" | 14" | 16" | 18" | 20" |
|-------------------|--------|-----|-----|-----|-----|-----|
| | Cm | 30 | 35 | 40 | 45 | 50 |
| Maximum depth | | 24 | 28 | 32 | 36 | 40 |
| Minimum depth | | 15 | 17 | 20 | 22 | 25 |
| Recommended depth | | 21 | 25 | 28 | 32 | 35 |

| | |
|-------------------------------|-----------|
| 6.00*9" - 10PR V50 | 5 Bar. |
| 200/60*14,5" - 10PR | 5 Bar. |
| 250/65*14,5" - 12PR | 4,75 Bar. |
| 320/60-12 132A8 421TT | 4 Bar. |
| 400/60*15,5"TL-14PR FLOTATION | 3,6 Bar. |
| 500/45*22,5"-16PR | 3,6 Bar. |
| 08" 18x7 - 16PR TT | 8 Bar. |

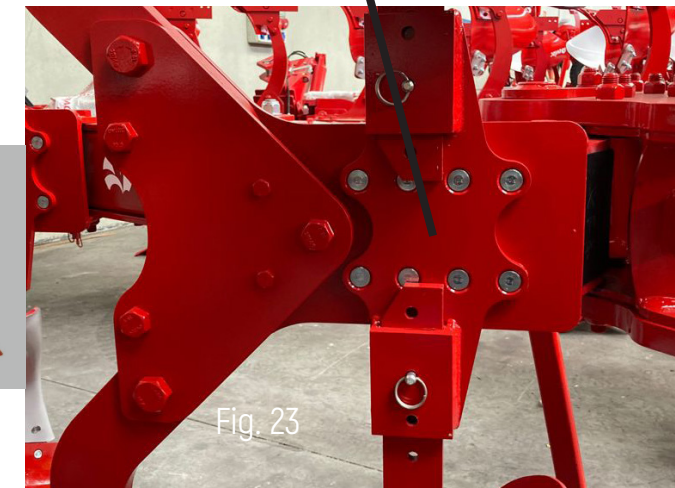
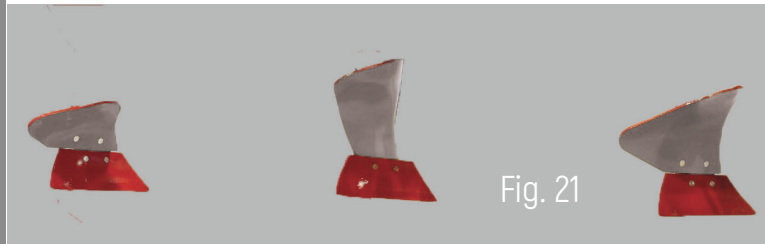
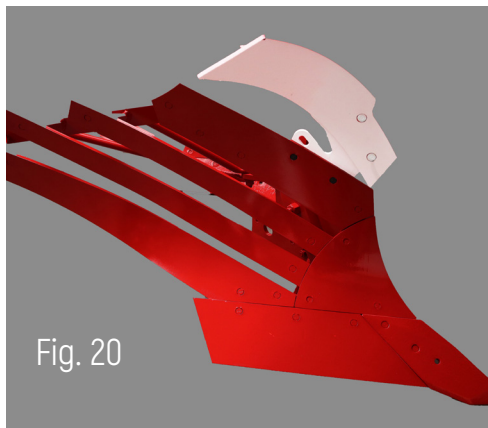


7.- Wastes burial

For an optimal burial of harvesting leftovers and weeds we can equip the plough with trashboards (Fig. 20) or the skimmers (Fig. 21). The trashboard can be regulated in height according to the working depth, moving it along the bracket slide.

The skimmers must be adapted to the working depth, acting over the bolts that support it. As a reference, the share of the skimmer must dig in 10-12 cm in the labor.

At the same time, in order to adapt the skimmer to different textures of the terrain and working speeds we may set them in 2 positions (advanced or rear) turning 180 degrees the bracket S (Fig. 22 and 23)



8.- Transport and parking

In order to ease the transport, the plough must be retracted to its minimum width, acting over the cut control system. Ploughs with great lengths (5 and 6 bodies) can be optionally given with polyvalent wheels of control/transport.

To transport the plough over the control/transport wheel, place the hole C in the position of the bolt B (Fig. 25). Pull the puller A of the blocking headstock (Fig 24) so when the plough turns over it remains blocked in mid-turning position and block the oscillating shaft with D bolts(Fig.24). Place the plough's wheel and unplug the tine on the third point of the headstock.

The support pawn (Fig.26), assures an static position of the plough on the parking.

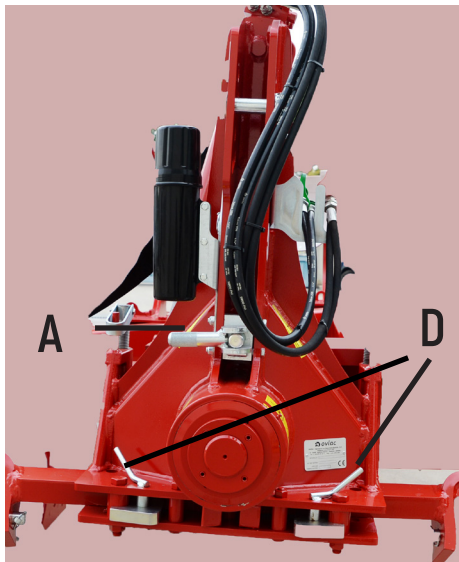


Fig. 24



Fig. 25



Fig. 26



9.- Maintenance

Must check how tight the bolts are after the first 2 hours of labor, specially the ones on the bodies and shares. Afterwards, check every 100 hours of labor. When finishing the campaign, wash the plough and grease the bodies to avoid rust.

Lubing: must grease regularly the turning points based on the ambiental conditions, both dust and humidity, to assure that no waste of the machine happens. In the reversible ploughs its recommended to grease, if the greasers allow it, once per each hand (clockwise and counter-wise), assuring that the grease, affected by gravity, it extends for the whole turn and not just from the greasing point to below.

Safe maintenance

Get familiar with the maintenance procedures before doing any labor. The working area must be clean and dry. Not doing any greasing labor, repair or adjustment while the engine is running. Keep the hands, feet, and clothes always far from the moving components. Place all the hydraulic controls on neutral-gear in order to relieve pressure. Lower all gear to the ground.

All the components must be in good shape and correctly installed. Repair damage immediately. Change any wasted or broken piece. Keep all the components of the machine clean off of grease, oil and accumulated dirt.

By dealing with trailed equipment, disconnecting the group of cables from the tractor before doing any welding on the machine.

Watch out for the high pressure leaks

Leaking fluids from the system might leak strong enough to tear flesh, causing severe injuries. Therefore, is indispensable to leave the system pressure-less before loosening or disconnecting any pipe and assure that all the connections and connectors are well-tighten before applying pressure to the system. In order to locate an hydraulic oil leak use a piece of cardboard placed in between the connections. Don't get near high-pressure leakings. Even if after all this measures an accident happens, go immediately to see a doctor, who should remove the fluid surgically in a few hours in order to avoid gangrene. Unexperienced doctors with injuries of such nature may go to a specialized medical center.

Maintenance of hydraulic cylinders. **IMPORTANT:** keep the plugs clean. Abrasive particles, such as sand, metal sharps, may damage the cylinders, causing inner leaks. Once unplugged off the tractor, place the protection bolts and make sure they're not touching the ground.



10.- Optional equipment

XP ploughs of Ovlac can be equipped with:

1. Trashboard (Fig. 27)
2. Landslide extension (Fig. 28)
3. Transport wheel (Fig. 29)
4. Discs (Fig. 30)
5. Advanced wheel (Fig. 31)
6. 1st body hydraulic width (Fig. 32)
7. Advanced Transport wheel (Fig.33)
8. Skimmers (Fig. 34)

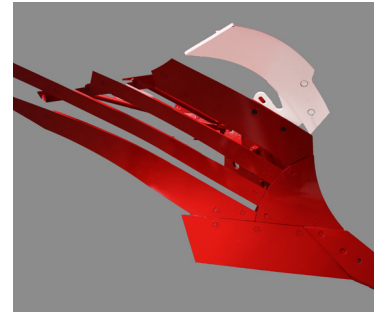


Fig. 27



Fig. 32



Fig. 29



Fig. 31



Fig. 33

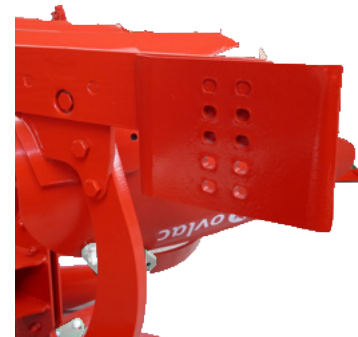


Fig. 28



Fig. 30

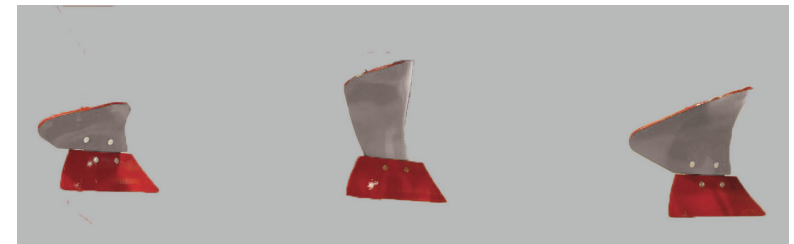


Fig. 34



11.- Spare parts

Spare parts orders must always be placed through dealers and will include the next indications:

- Type, model and plough's number of manufacturing. This data is indicated on the identification plate of the plough.
- Reference of the piece. Indicated on the spareparts catalogue.
- Name of the piece and quantity required.
- Method of shipping. Transport expenses run of the purchaser.
- NOTE: The terms left or right, indicated on the name, are meant to be understood always facing the plough from its rear view. When it comes to supposed-to-break gear, rights are considered ll those that are part of the body that drifts to the righth and viceversa.
- Note on warranty: must be clearly specified if the spare parts order are ordered under warranty time. The manufacturer will be the one to decide if the order stands to warranty or not when replacing the pieces. Plus, warranty loses all its value if:
 - Repairs Unauthorized by the manufacturer are made, unoriginal spare parts and bolts are inadequate.
 - User goes though the power limit stated on the technical data sheet, or abnormal maneuvers are made.





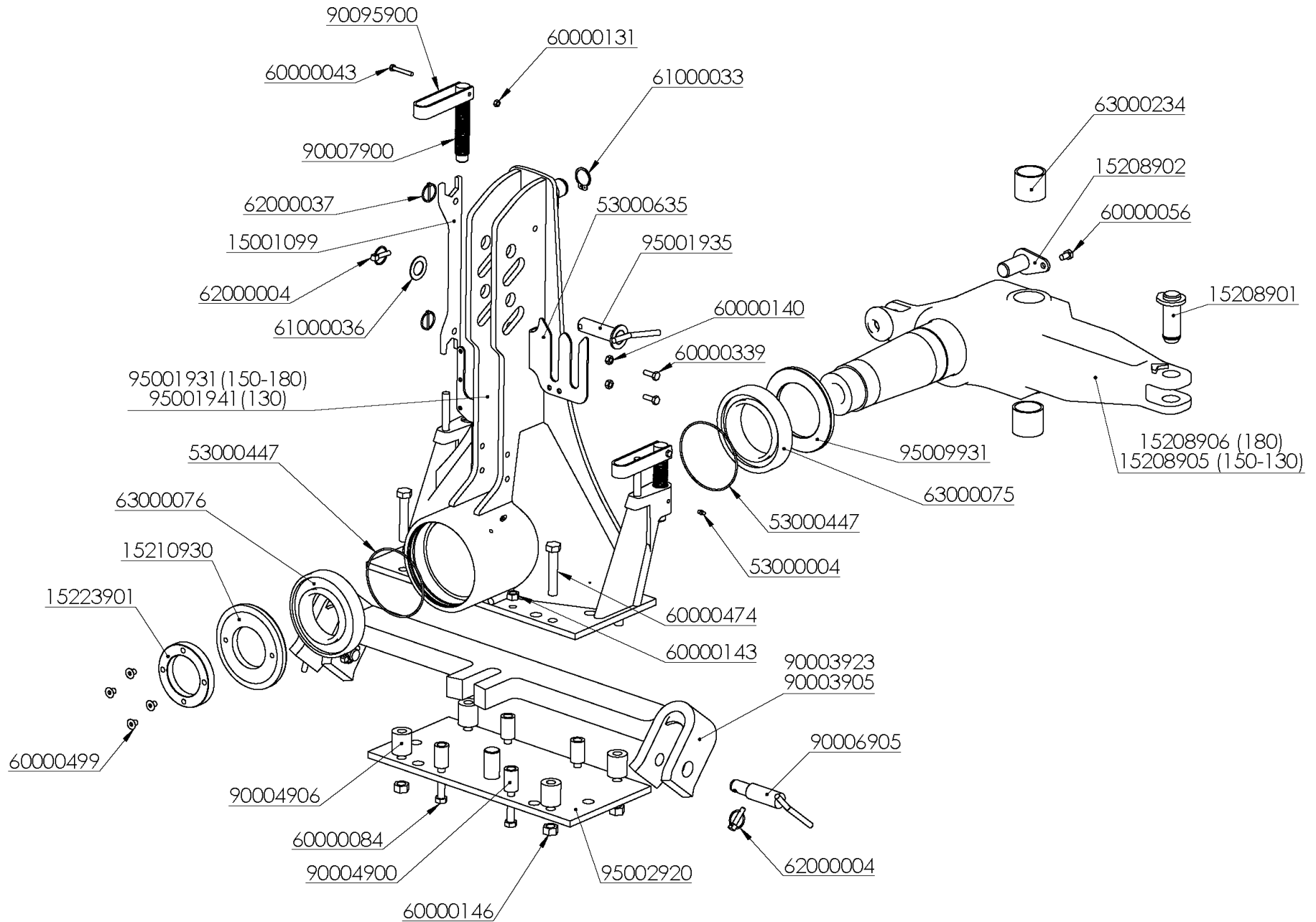
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HEADSTOCK ASSEMBLY

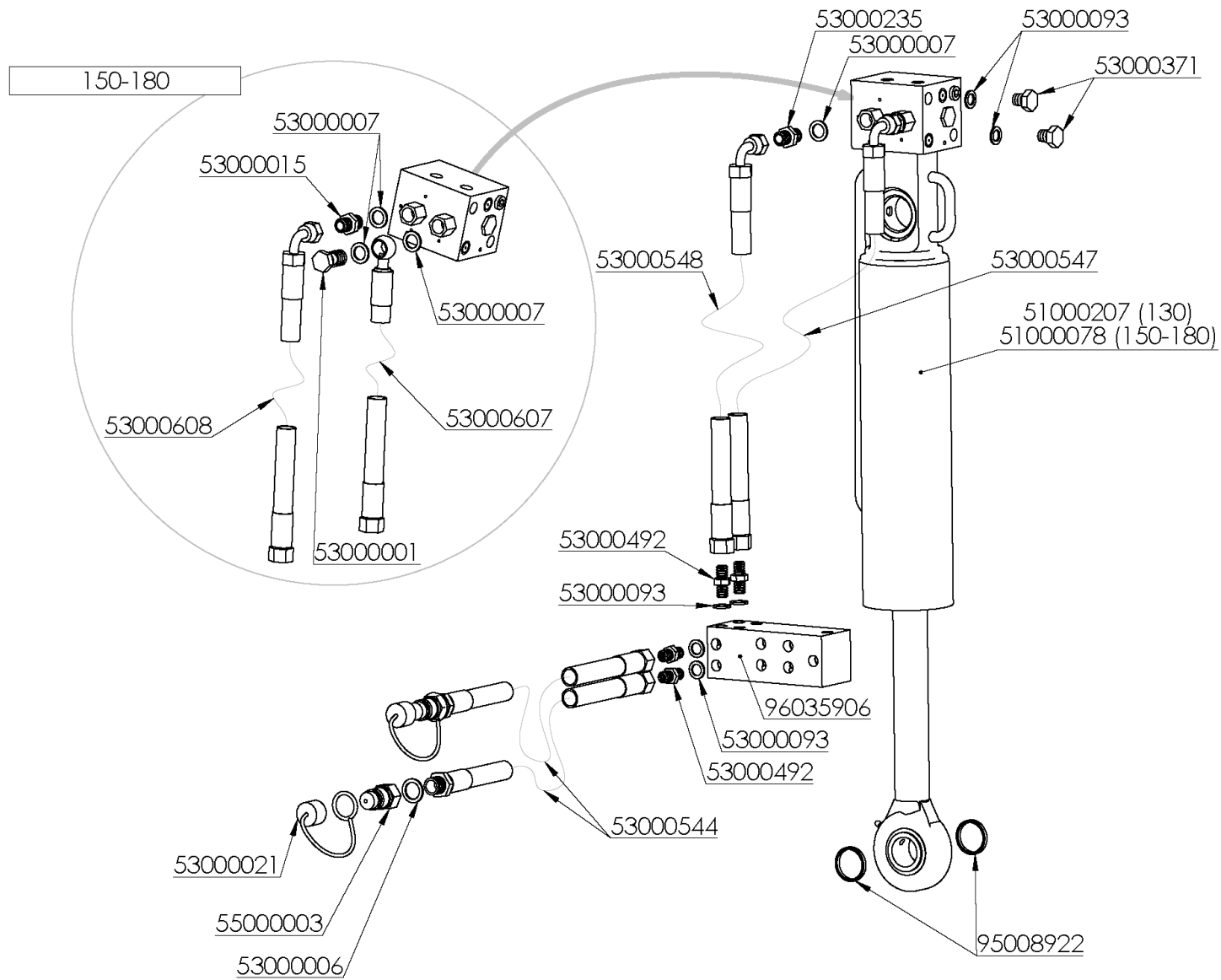


HEADSTOCK ASSEMBLY

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|--|
| 15001099 | LLAVE 38-46 | 61000031 | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3) |
| 15208901 | BULON ANTERIOR PARALELO | 61000033 | ANILLO ELASTICO DIN-471 40 |
| 15208902 | BULON VOLTEO 150 | 61000036 | ARAND.ESTANDAR-A 32 ZINC. |
| 15208905 | EJE CABEZAL 150 (D/16) | 62000004 | PASADOR ANILLA 10 ZINC. |
| 15208906 | EJE CABEZAL 180 (D/16) | 62000037 | PASADOR ANILLA 4,5 ZINC. |
| 15210930 | TUERCA EJE CABEZAL 150 (D/16) | 63000075 | RODAM.POST.32026 F (C-150) |
| 15223901 | CONTRATUERCA EJE CABEZAL 150 (D/16) | 63000076 | RODAM.ANTER.30222 F (C-150) |
| 53000004 | ENGRASADOR AC° DIN-71412 8*125 | 63000234 | CASQ. 70*60*60 |
| 53000447 | JUNTA TORICA 200-3 NBR | 90003905 | BALANC.50mm.PENTAS.CAT-II/III |
| 53000635 | SOPORTE LATIG.TORRETA 2 HUECOS XP ZINC. | 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. | 95001941 | CABEZAL 150-L |
| 60000474 | TORN.EXAG.DIN-931 20*110 12.9 | 95002920 | PLACA PORTABALANC.50mm.PENTAS.(D/02) |
| 60000499 | TORN.ALLEN DIN-913 12* 20 14.9 | 95009931 | ARAND.POST.150 |



HYDRAULIC TURNOVER SYSTEM

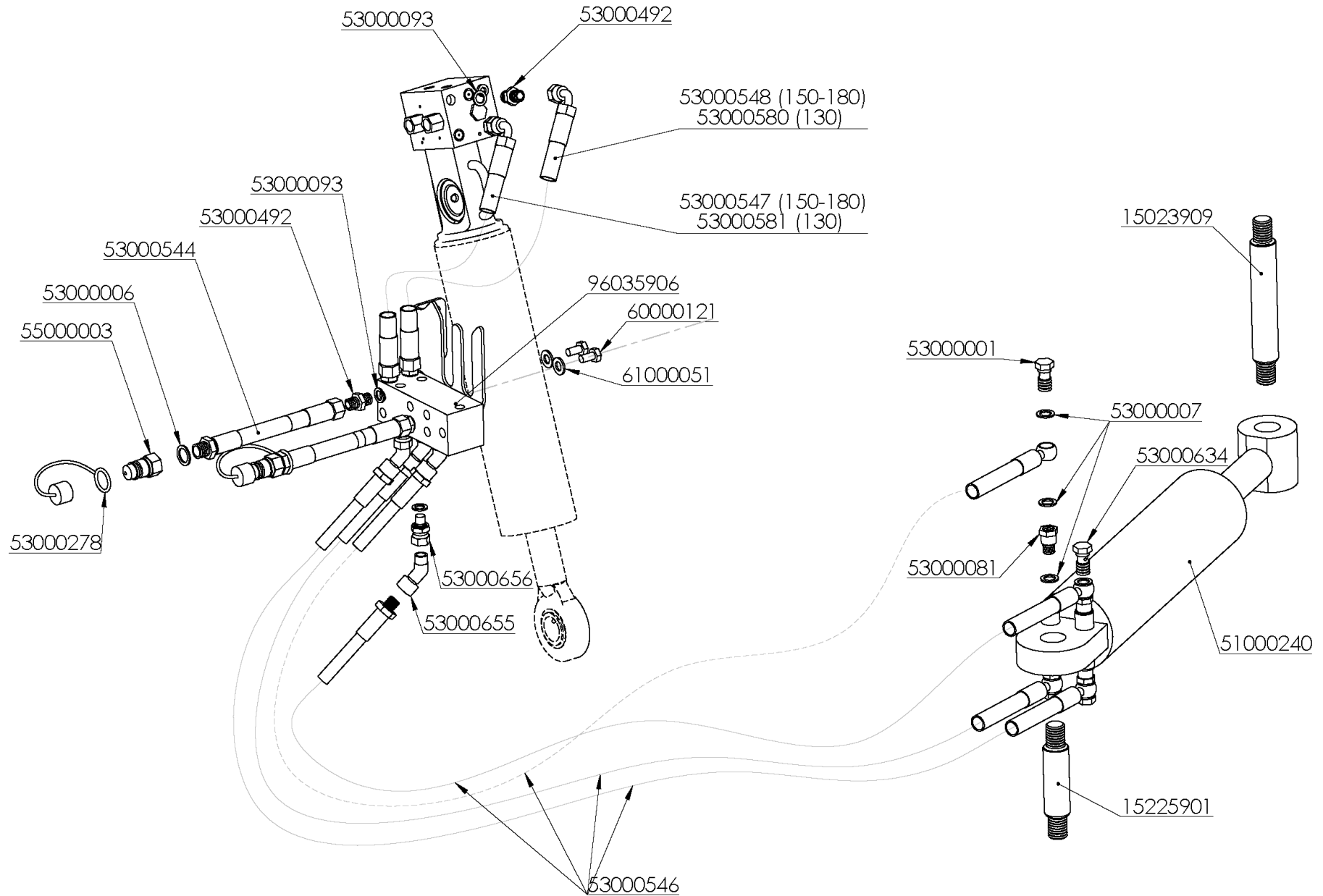


HYDRAULIC TURNOVER SYSTEM

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|---|
| 51000078 | CILIND.VOLTEO 40/90/300 + VALV.SECUENCIAL | 53000492 | UNION MACHO 1/4 |
| 51000207 | CILIND.VOLTEO 40/70/247 + VALV.SEC. | 53000543 | LATIG.PREMIER-1/4*1500mm.MF-1/2/CTL-45°-3/8 |
| 53000001 | TORNILLO SIMPLE 3/8 4022 | 53000544 | LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4 |
| 53000006 | JUNTA METAL/GOMA 1/2" 11603 | 53000547 | LATIG.PREMIER-1/4*500mm.CTL-1/4/TL-1/4 |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 | 53000548 | LATIG.PREMIER-1/4*530mm.CTL-1/4/TL-1/4 |
| 53000015 | UNION MACHO 3/8 4062 | 53000607 | LATIG.PREMIER-1/4*630mm.OR-3/8/TL-1/4 |
| 53000021 | PROTECTOR E.R.MACHO 1/2" ROJO 5029-4PR | 53000608 | LATIG.PREMIER-1/4*640mm.CTL-3/8/TL-1/4 |
| 53000093 | JUNTA METAL GOMA 1/4 11601 | 55000003 | ADAPTADOR E.R.FASTER 1/2" 30410108 |
| 53000235 | UNION REDUCCION 1/4-3/8 4071 | 95008922 | CASQ.D= 40/35*5,5mm.SEP.VOLTEO 150 |
| 53000371 | TAPON MACHO 1/4 S830-13 | 96035906 | SOP.TOMAS HIDRAULICAS XPH ZINCADO (D/18) |
| 53000451 | CODO 45° C/TCA.LOCA 3/8 S952-17 | | |



HYDRAULIC MEMORY SYSTEM

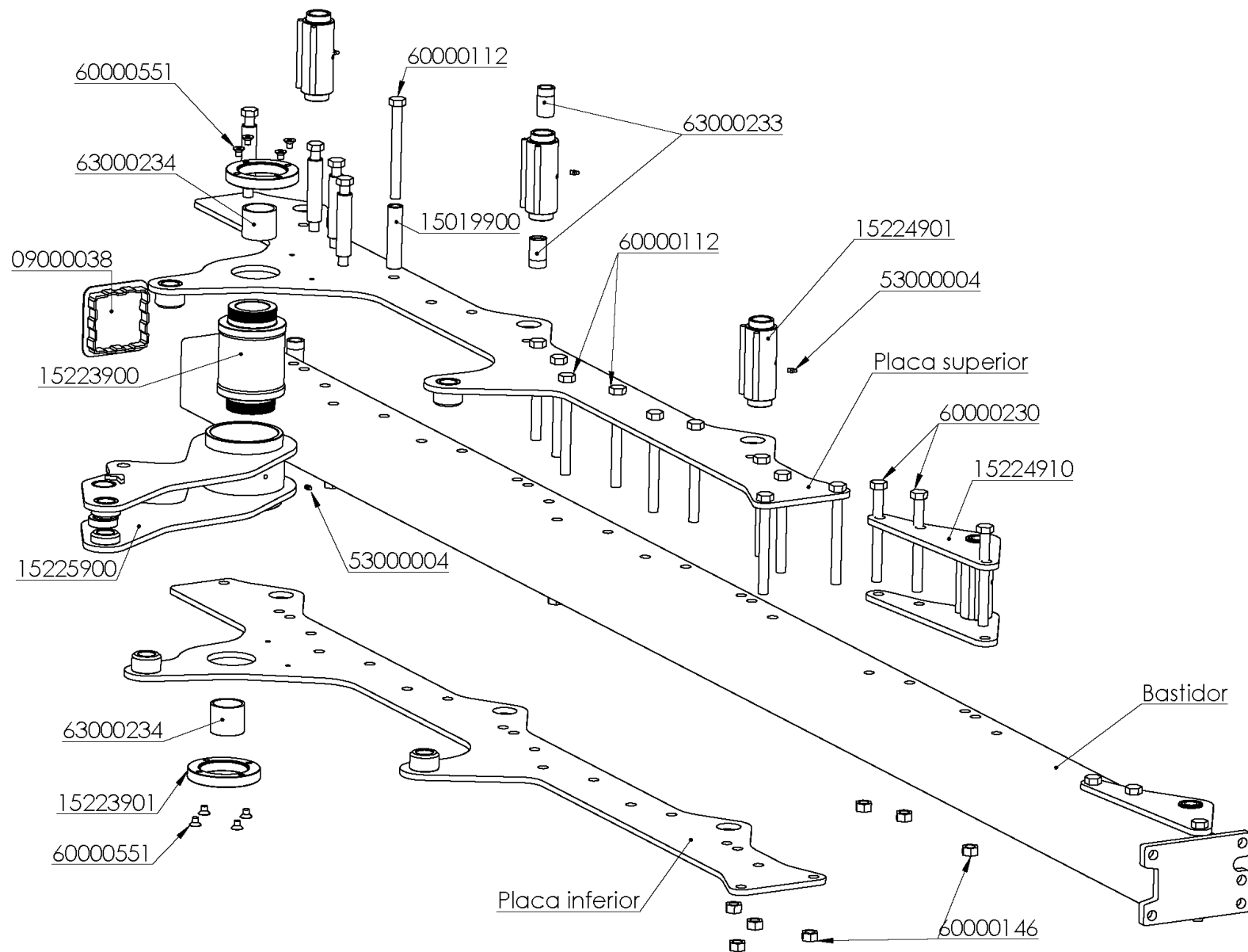


HYDRAULIC MEMORY SYSTEM

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|---|
| 15023909 | BULON D=34,6*240mm.ROSC.TENSOR POST.SN + GEOMET | 53000548 | LATIG.PREMIER-1/4*530mm.CTL-1/4/TL-1/4 |
| 15225901 | BULON D=34,8*165mm.ROSC.TENSOR + GEOMET | 53000580 | LATIG.PREMIER-1/4*390mm.CTL-1/4/TL-1/4 |
| 51000240 | CILIND.APERT./MEMª. 45/100/200 VALV.BLOQ. | 53000581 | LATIG.PREMIER-1/4*420mm.CTL-1/4/TL-1/4 |
| 53000001 | TORNILLO SIMPLE 3/8 4022 | 53000600 | OVALILLO C/JUNTA INT+EXT 12L LEK-ES4-12 |
| 53000006 | JUNTA METAL/GOMA 1/2" 11603 | 53000620 | TORNILLO DOBLE 1/4" 4031 |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 | 53000634 | TORNILLO SIMPLE 3/8" REDUCTOR TAL.UNICO DE 1MM 4022T-1 APERTURA |
| 53000081 | SUPLEMENTO 3/8" 4092 | 53000655 | CODO 45° M+TL 1/4 GAS LEK-S952-13 |
| 53000093 | JUNTA METAL GOMA 1/4" 11601 | 53000656 | UNION M/TL 1/4 GAS VG-S-940-13 |
| 53000278 | PROTECTOR E.R.MACHO 1/2" AMARILLO 5029-4PY | 55000003 | ADAPTADOR E.R.FASTER 1/2" 30410108 |
| 53000492 | UNION MACHO 1/4 | 60000121 | TORN.EXAG.DIN-933 10* 20 8.8 ZINC. |
| 53000544 | LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4 | 61000051 | ARAND.DIN-125 10 ZINC. |
| 53000546 | LATIG.PREMIER-1/4*2750mm.MF-1/4/OR-3/8 | 96035906 | SOP.TOMAS HIDRAULICAS XPH ZINCADO (D/18) |
| 53000547 | LATIG.PREMIER-1/4*500mm.CTL-1/4/TL-1/4 | | |



FRAME ASSEMBLY 150-180

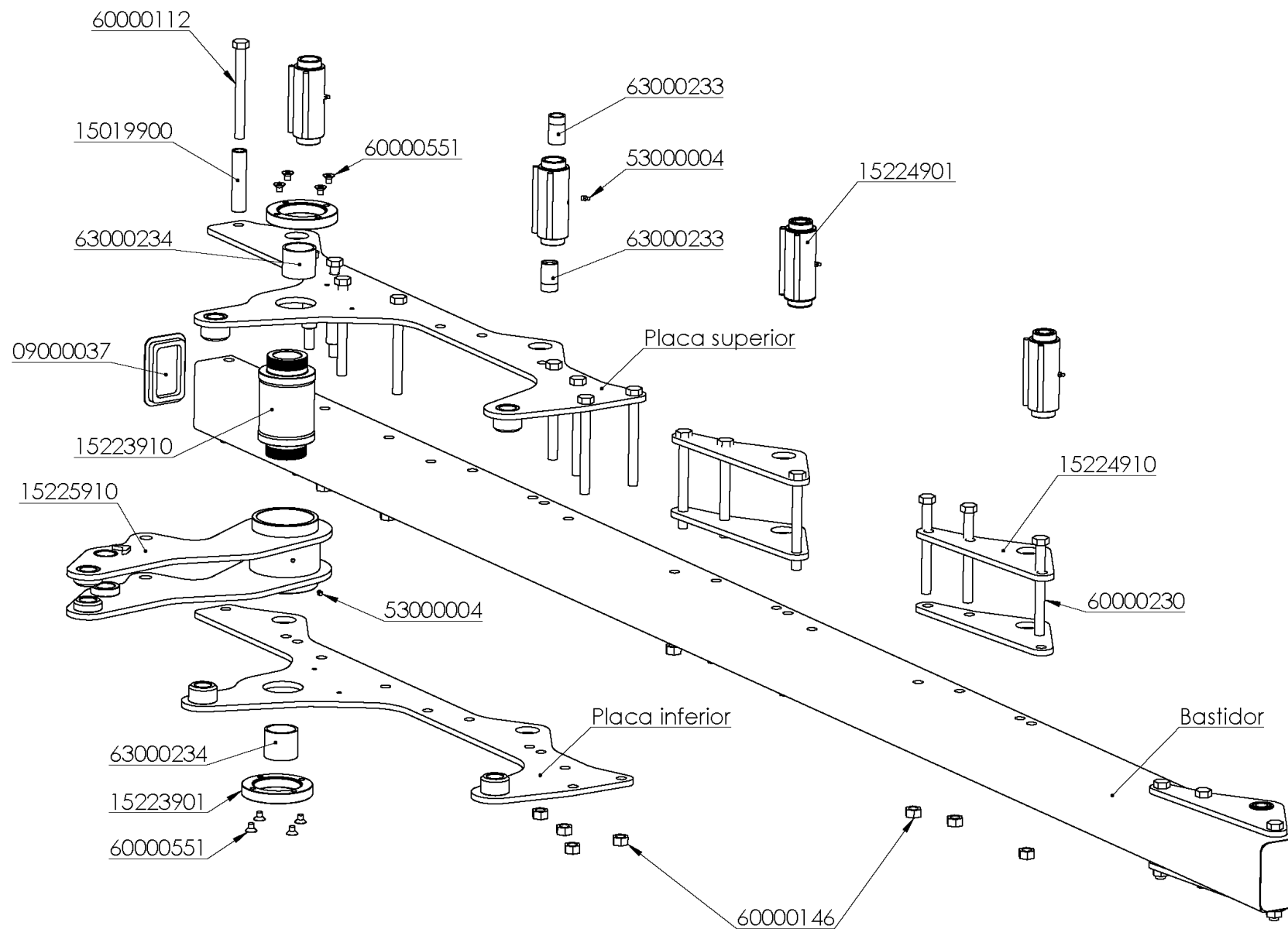


FRAME ASSEMBLY 150-180

| REFERENCIA | DESCRIPCIÓN |
|------------|--|
| 09000038 | TAPON GOMA 150*150*10mm. |
| 15019900 | CASQ.D= 30/20,5*133mm.BASTIDOR |
| 15223900 | CASQ.GIRO BAST.AF-150 |
| 15223901 | CONTRATUERCA EJE CABEZAL 150 (D/16) |
| 15224901 | CASQ.D= 65/49,9/38*183mm.C/VAR.PORTAC. A |
| 15224910 | SOP.GIRO PORTACAMBAS AF |
| 15225900 | BIELA CENTRAL 150/180 |
| 40000015 | ADHESIVO ENGRASE D=15mm. |
| 53000004 | ENGRASADOR AC° DIN-71412 8*125 |
| 60000096 | TORN.EXAG.DIN-933 20* 50 8.8 |
| 60000112 | TORN.EXAG.DIN-931 20*200 8.8 |
| 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. |
| 60000230 | TORN.EXAG.C/LAR.20*200 12.9 |
| 60000551 | TORN.ALLEN DIN-916 12* 12 14.9 MOLETEADO |
| 63000233 | CASQ.FRICCION 38x30x40 |
| 63000234 | CASQ. 70*60*60 |



NEW 130 SERIES FRAME ASSEMBLY



NEW 130 SERIES FRAME ASSEMBLY

| REFERENCIA | DESCRIPCIÓN |
|------------|--|
| 09000037 | TAPON GOMA 150*100*08mm. |
| 15019900 | CASQ.D= 30/20,5*133mm.BASTIDOR |
| 15223901 | CONTRATUERCA EJE CABEZAL 150 (D/16) |
| 15223910 | CASQ.GIRO BAST.XP-120 |
| 15224901 | CASQ.D= 65/49,9/38*183mm.C/VAR.PORTAC. A |
| 15224910 | SOP.GIRO PORTACAMBAS AF |
| 15225910 | BIELA CENTRAL 120/130 XP |
| 53000004 | ENGRASADOR AC° DIN-71412 8*125 |
| 60000112 | TORN.EXAG.DIN-931 20*200 8.8 |
| 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. |
| 60000230 | TORN.EXAG.C/LAR.20*200 12.9 |
| 60000551 | TORN.ALLEN DIN-916 12* 12 14.9 MOLETEADO |
| 63000233 | CASQ.FRICCION 38x30x40 |
| 63000234 | CASQ. 70*60*60 |



| BASTIDOR | | | |
|-------------------|------------------------------|-------------------|------------------------------|
| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
| 15219903 | BAST.XPV-3-95-AMP (100) | 15219994 | BAST.XPV-4-95-AMP (100) |
| 15219905 | BAST.XPV-5-95 | 15219995 | BAST.XPV-5-95 (100-NO AMP.) |
| 15219906 | BAST.XPV-6-95 | 16219903 | BAST.XPHV-3-95-AMP (100) |
| 15219925 | BAST.XPV-5-105 | 16219905 | BAST.XPH-5-95 |
| 15219926 | BAST.XPV-6-105 | 16219906 | BAST.XPHV-6-95 |
| 15219944 | BAST.XPV-4-105-AMP (100) | 16219953 | BAST.XPHV-3-95-AMP (150) |
| 15219953 | BAST.XPV-3-95-AMP (150) | 16219954 | BAST.XPHV-4-95-AMP |
| 15219954 | BAST.XPV-4-95-AMP | 16219955 | BAST.XPH-5-95-AMP |
| 15219955 | BAST.XPV-5-95-AMP | 16219965 | BAST.XPH-5-85-AMP |
| 15219965 | BAST.XPV-5-85-AMP | 16219972 | BAST.XPH-3-105-AMP (150) |
| 15219972 | BAST.XPV-3-105-AMP (150) | 16219973 | BAST.XPH-4-105 (150-NO AMP.) |
| 15219973 | BAST.XPV-4-105 (150-NO AMP.) | 16219974 | BAST.XPH-4-105-AMP |
| 15219974 | BAST.XPV-4-105-AMP | 16219994 | BAST.XPHV-4-95-AMP (100) |
| 15219975 | BAST.XPV-5-105-AMP | 16219995 | BAST.XPH-5-95 (100-NO AMP.) |
| 15219985 | BAST.XPV-5-85 (100-NO AMP.) | | |



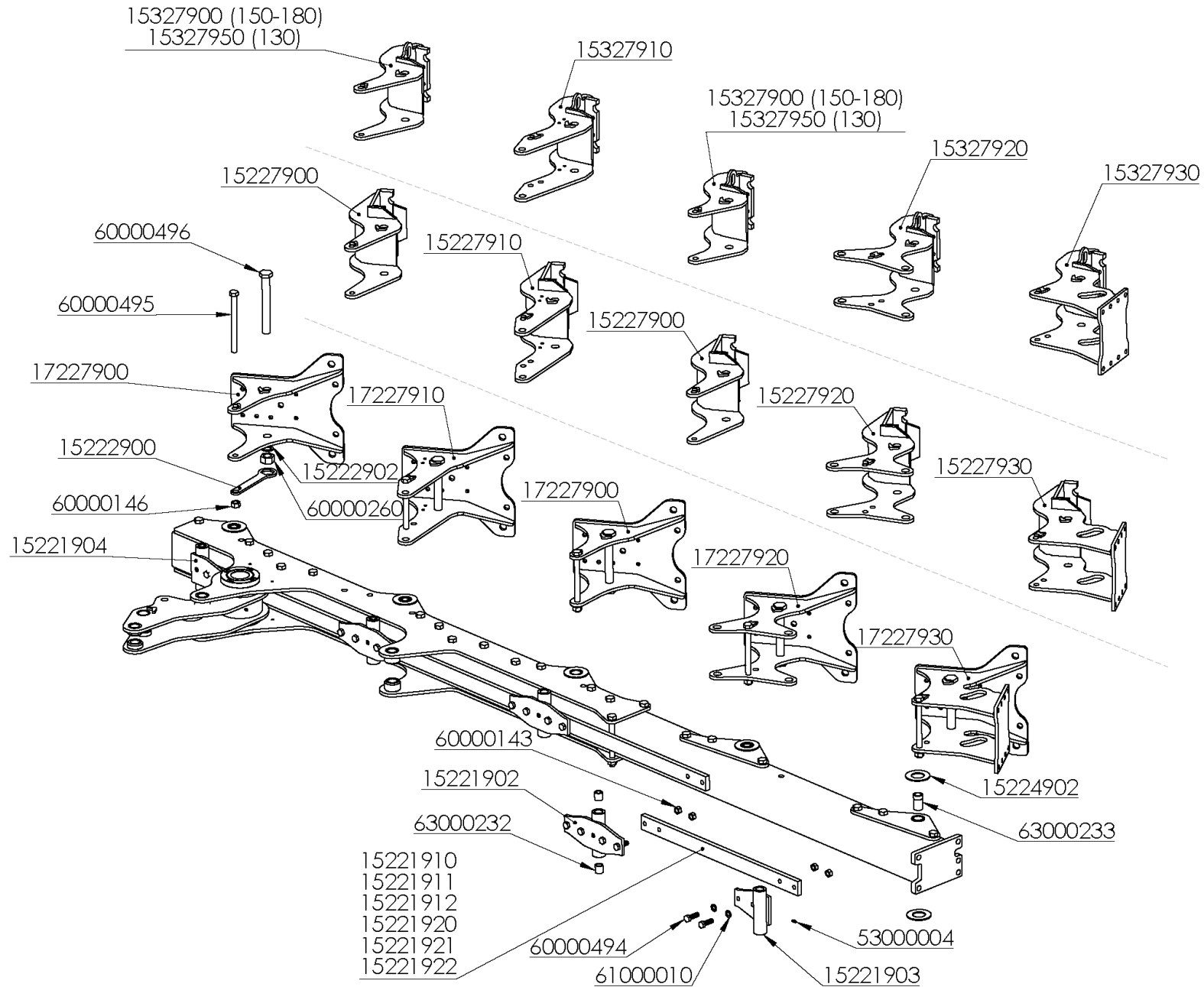
FRAMES

| PLACA INFERIOR | |
|-----------------------|---|
| REFERENCIA | DESCRIPCIÓN |
| 15223955 | PLACA INF.SOP.GIRO BAST.XP-5-95 |
| 15223956 | PLACA INF.SOP.GIRO BAST.XP-6-95 |
| 15223975 | PLACA INF.SOP.GIRO BAST.XP-5-105 |
| 15233954 | PLACA INF.SOP.GIRO BAST.XP-4-95 (D/18) |
| 15233955 | PLACA INF.SOP.GIRO BAST.XPF-5-95 (D/18) |
| 15233956 | PLACA INF.SOP.GIRO BAST.XP-6-95 (D/18) |
| 15233964 | PLACA INF.SOP.GIRO BAST.XP-4-85 (D/18) |
| 15233966 | PLACA INF.SOP.GIRO BAST.XP-6-85 (D/18) |
| 15233974 | PLACA INF.SOP.GIRO BAST.XP-4-105 (D/18) |
| 15233975 | PLACA INF.SOP.GIRO BAST.XP-5-105 (D/18) |
| 15233976 | PLACA INF.SOP.GIRO BAST.XP-6-105 (D/18) |

| PLACA SUPERIOR | |
|-----------------------|---|
| REFERENCIA | DESCRIPCIÓN |
| 15223905 | PLACA SUP.SOP.GIRO BAST.XP-5-95 |
| 15223906 | PLACA SUP.SOP.GIRO BAST.XP-6-95 |
| 15223925 | PLACA SUP.SOP.GIRO BAST.XP-5-105 |
| 15233904 | PLACA SUP.SOP.GIRO BAST.XP-4-95 (D/18) |
| 15233905 | PLACA SUP.SOP.GIRO BAST.XPF-5-95 (D/18) |
| 15233906 | PLACA SUP.SOP.GIRO BAST.XP-6-95 (D/18) |
| 15233914 | PLACA SUP.SOP.GIRO BAST.XP-4-85 (D/18) |
| 15233916 | PLACA SUP.SOP.GIRO BAST.XP-6-85 (D/18) |
| 15233924 | PLACA SUP.SOP.GIRO BAST.XP-4-105 (D/18) |
| 15233925 | PLACA SUP.SOP.GIRO BAST.XP-5-105 (D/18) |
| 15233926 | PLACA SUP.SOP.GIRO BAST.XP-6-105 (D/18) |



ASSEMBLY SET "V"

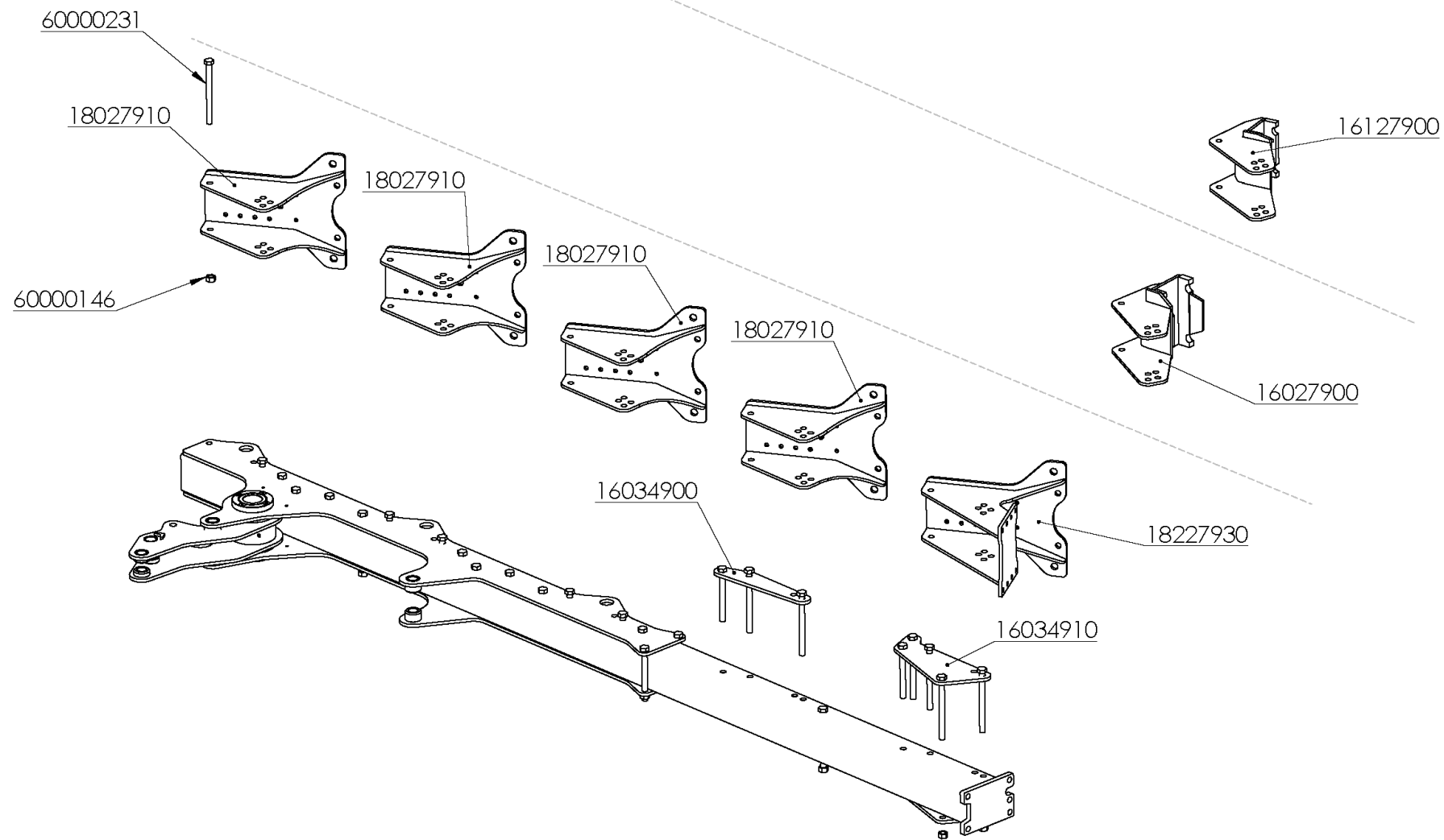


ASSEMBLY SET "V"

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---------------------------------|------------|------------------------------------|
| 15221902 | NUDO BIELA DOBLE | 15327920 | SOP.ARTIC.RDA.AVZD.XPH-XL |
| 15221903 | NUDO BIELA SIMPLE | 15327930 | SOP.ARTIC.RDA.XPH-XL |
| 15221904 | NUDO BIELA SIMPLE PRIMER CUERPO | 15327950 | SOP.ARTIC.CAMBA XPH-100-XL |
| 15221910 | LLANTA BIELA 95 XP | 17031900 | PLACA PORTACAMBA EXT.SFN |
| 15221911 | LLANTA BIELA 85 XP | 17227900 | SOP.ARTIC.CAMBA AF-150 |
| 15221912 | LLANTA BIELA 105 | 17227910 | SOP.ARTIC.MARCADOR AF |
| 15221920 | LLANTA BIELA 95 RFZADA. | 17227920 | SOP.ARTIC.RDA.AVZD.AF |
| 15221921 | LLANTA BIELA 85 RFZADA. | 17227930 | SOP.ARTIC.RDA.AF |
| 15221922 | LLANTA BIELA 105 RFZADA. | 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. |
| 15327900 | SOP.ARTIC.CAMBA XPH-150-XL | 63000232 | CASQ.FRICCION 30x20x30 |
| 15327910 | SOP.ARTIC.MARCADOR XPH-XL | 63000233 | CASQ.FRICCION 38x30x40 |



ASSEMBLY SET "L"

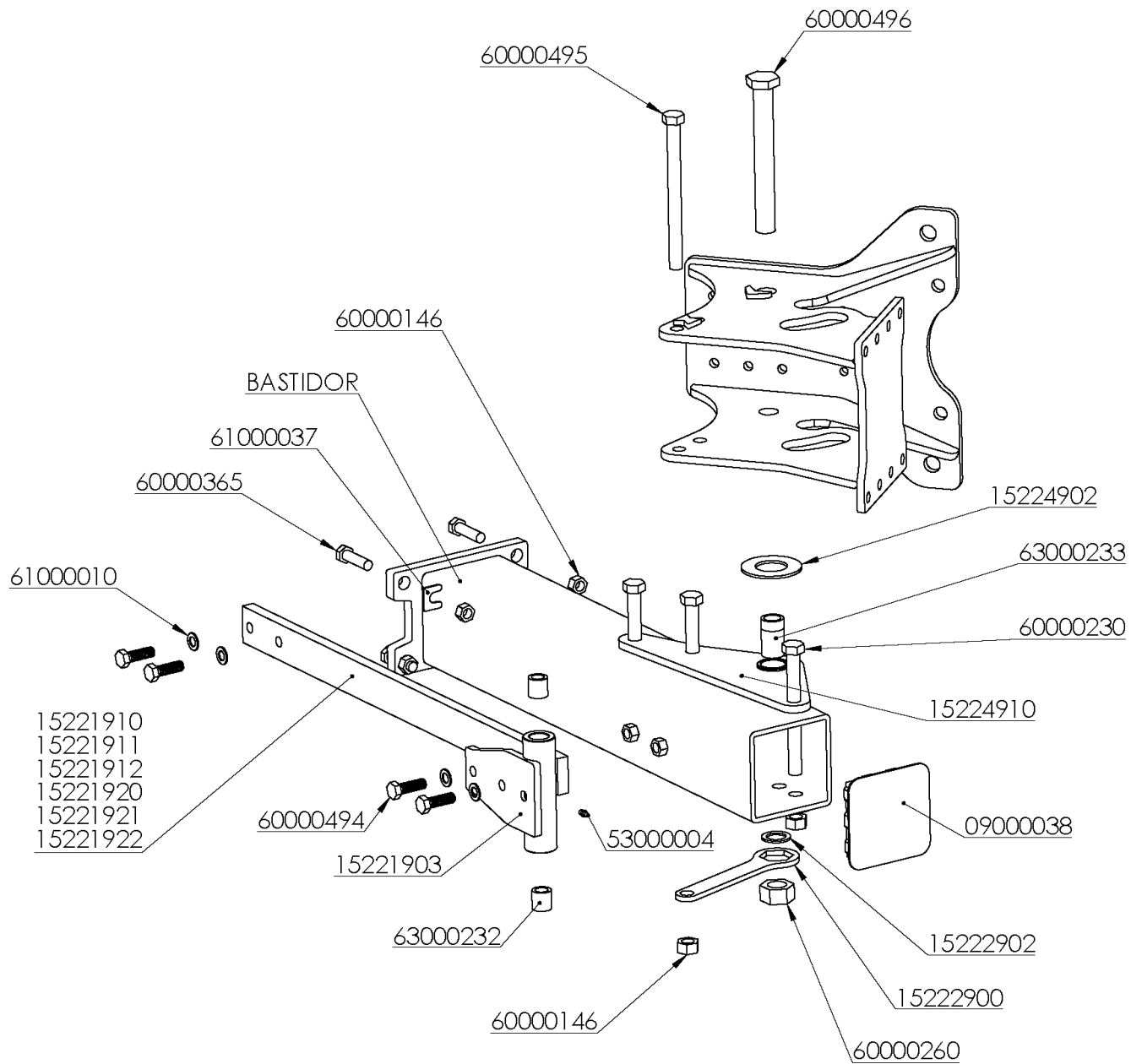


ASSEMBLY SET "L"

| REFERENCIA | DESCRIPCIÓN |
|------------|---------------------------------|
| 16027900 | SOP.ARTIC.CAMBA LBN |
| 16034900 | PLACA ASIENTO SOPORTES L |
| 16034910 | PLACA ASIENTO SOP.RDA C/T L |
| 16127900 | SOP.ART. CAMBA LBN-L |
| 18027910 | SOP.ARTIC.CAMBA LFN (D/14) |
| 18227930 | SOP.ARTIC.CAMBA/RDA.LFN XP |
| 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. |
| 60000231 | TORN.EXAG.C/LAR.20*225 12.9 |



MODULE

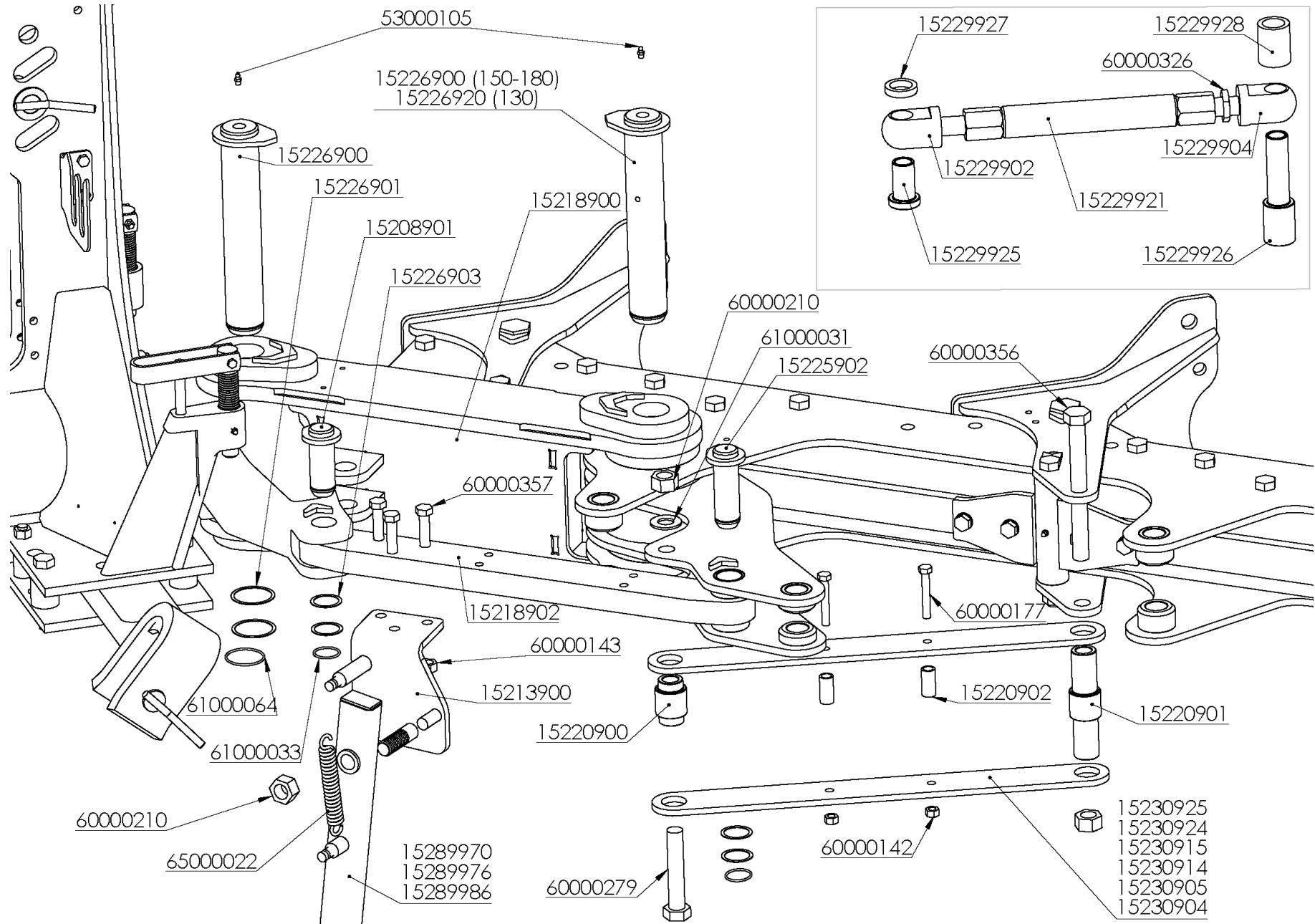


MODULE

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---------------------------------|------------|------------------------------------|
| 09000038 | TAPON GOMA 150*150*10mm. | 53000004 | ENGRASADOR AC° DIN-71412 8*125 |
| 15219901 | BAST.XP-1-95-(100) | 60000080 | TORN.EXAG.DIN-931 16* 60 8.8 ZINC. |
| 15219951 | BAST.AF-1-95-(150) | 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. |
| 15219951 | BAST.XP-1-95-(150) | 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. |
| 15219971 | BAST.XP-1-105-(150) | 60000230 | TORN.EXAG.C/LAR.20*200 12.9 |
| 15221903 | NUDO BIELA SIMPLE | 60000260 | TUER.EXAG.DIN-934 30/200 8.8 |
| 15222900 | FRENO TORNILLO 150 | 60000365 | TORN.EXAG.DIN-931 20* 70 12.9 |
| 15222902 | ARAND.CALZO 30 | 60000494 | TORN.EXAG.C/LAR. 16* 50 10.9 ZINC. |
| 15224902 | ARAND.D=95/50*4mm.CEM.PORTAC. A | 60000495 | TORN.EXAG.C/LAR. 20x240 10.9 |
| 15224910 | SOP.GIRO PORTACAMBAS AF | 60000496 | TORN.EXAG.C/LAR. 30x240 12.9 |
| 16219901 | BAST.XPH-1-95-(100) | 61000010 | ARAND.DIN-125 16 ZINC. |
| 16219951 | BAST.AH-1-95-(150) | 61000037 | ARAND.CALZO BASTIDOR MODULO |
| 16219951 | BAST.XPH-1-95-(150) | 63000232 | CASQ.FRICCION 30x20x30 |
| 16219971 | BAST.XPH-1-105-(150) | 63000233 | CASQ.FRICCION 38x30x40 |
| 17227930 | SOP.ARTIC.RDA.AF | | |



PARALLELOGRAM ASSEMBLY

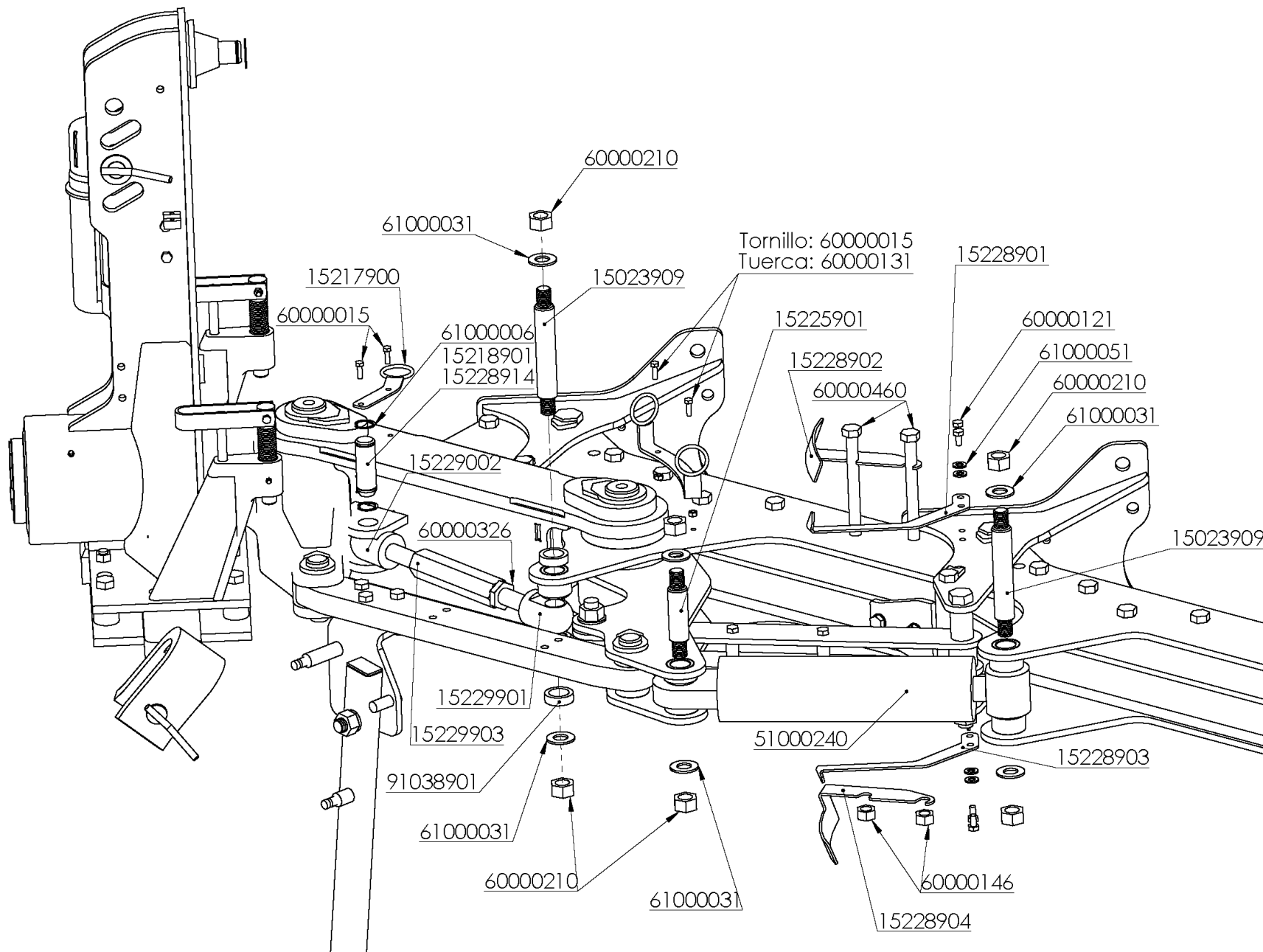


PARALLELOGRAM ASSEMBLY

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|--|
| 15208901 | BULON ANTERIOR PARALELO | 15230905 | PLACA TIRO BIELA 150-95 (D/18) XP |
| 15213900 | SOP.PEON AF | 15230914 | PLACA TIRO BIELA 100-85 (D/18) XP |
| 15218900 | HORQUILLA ARADO 150/180 | 15230915 | PLACA TIRO BIELA 150-85 (D/18) XP |
| 15218902 | BARRA PARALELOGRAMO AF | 15230924 | PLACA TIRO BIELA 100-105 (D/18) XP |
| 15220900 | CASQ.D=50/40/26*74mm. TIRO BIELA | 15230925 | PLACA TIRO BIELA 150-105 (D/18) |
| 15220901 | CASQ.D=50/40/26*184mm. TIRO BIELA | 15289970 | PEON REVERSIBLE D/70cm.AF |
| 15220902 | SEP.TUBO 22*16*45mm. | 15289976 | PEON REVERSIBLE D/76cm.AF - SL/70 |
| 15220905 | PLACA TIRO BIELA 150-95 | 15289986 | PEON REVERSIBLE D/86cm.AF - S/76 |
| 15220925 | PLACA TIRO BIELA 150-105 | 53000105 | ENGRASADOR MT-503 10*150 |
| 15225902 | BULON POSTERIOR PARALELO | 60000138 | TUER.AUTO.DIN-980 1"SAE 10.9 ZINC. |
| 15226900 | BULON HORQUILLA 150/180 | 60000142 | TUER.AUTO.DIN-980 12 8.8 ZINC. |
| 15226901 | ARAND.CALZO 60 | 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. |
| 15226903 | ARAND.CALZO 40 | 60000177 | TORN.EXAG.DIN-931 12* 80 8.8 |
| 15226920 | BULON HORQUILLA 130 | 60000210 | TUER.AUTO.DIN-985 1" SAE 8.8 |
| 15229902 | VASTAGO IZQDO.TENSOR PRIMER CUERPO XP | 60000279 | TORN.EXAG.C/LAR.1"*135 SAE 12.9 ZINC. |
| 15229904 | VASTAGO DCHO.TENSOR TIRO BIELA XP | 60000326 | TUER.BAJA DIN-936 30/200 8.8 ZINC. |
| 15229921 | CUERPO TENSOR TIRO BIELA XP-95 | 60000356 | TORN.EXAG.C/LAR.1"*240 SAE 12.9 |
| 15229925 | CASQ.D=50/40/26*74mm.TENSOR TIRO BIELA | 60000357 | TORN.EXAG.DIN-931 16* 70 8.8 |
| 15229926 | CASQ.D=50/40/26*184mm.TENSOR TIRO BIELA | 61000031 | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3) |
| 15229927 | SEP.B.P.51/36* 11mm.ZINC. | 61000033 | ANILLO ELASTICO DIN-471 40 |
| 15229928 | SEP.B.P.51/36* 66mm.ZINC. | 61000064 | ANILLO ELASTICO DIN-471 60 |
| 15230904 | PLACA TIRO BIELA 100-95 (D/18) XP | 65000022 | MUELLE TRACCIÓN 225/175*26*5 EECC 195mm |



FINISHED SET

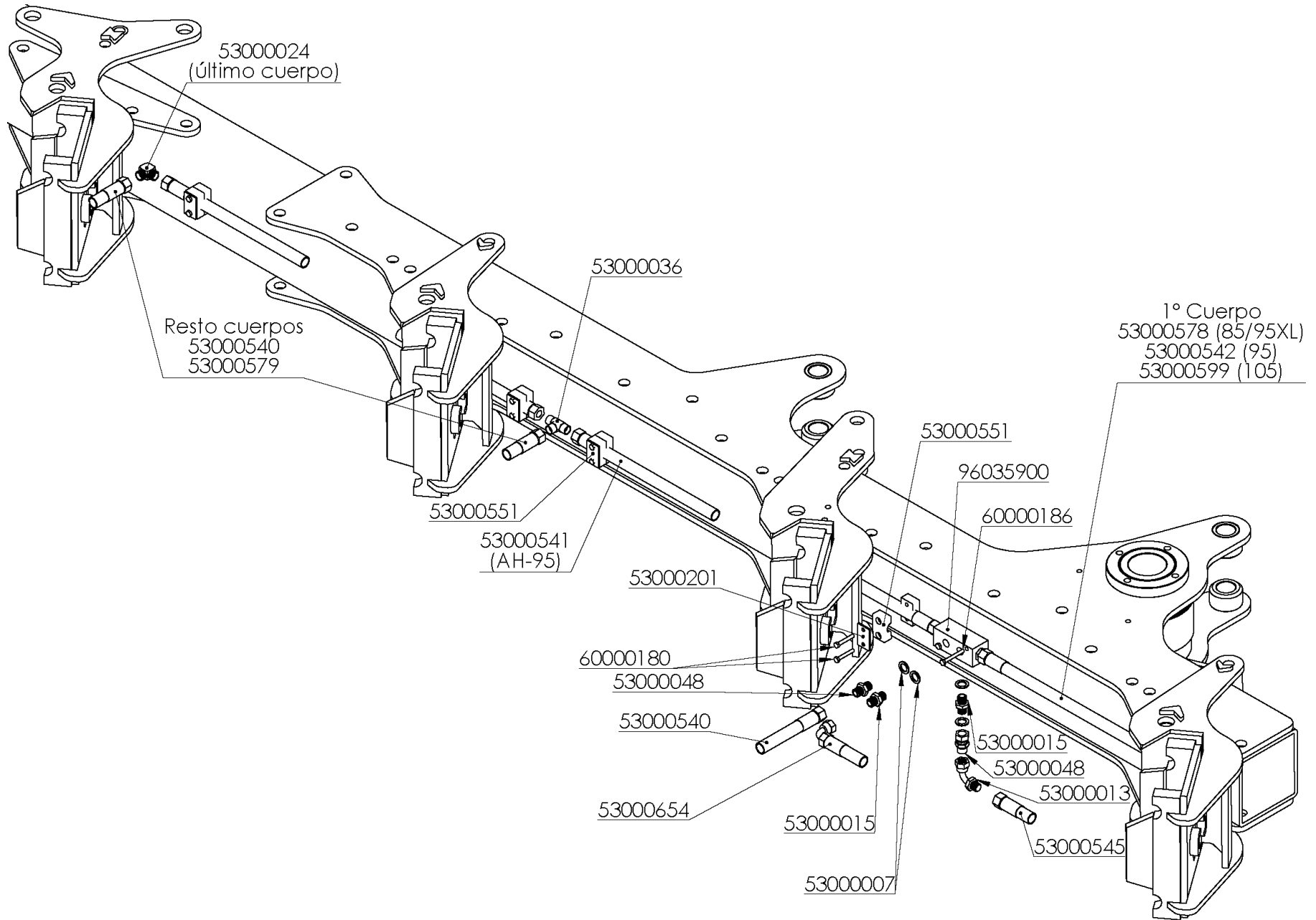


FINISHED SET

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|--|
| 15023909 | BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET | 51000240 | CILIND.APERT./MEM ^a . 45/100/200 VALV.BLOQ. |
| 15217900 | GUIA DEL.LATIG.AF | 60000015 | TORN.EXAG.DIN-933 8* 25 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. | 60000326 | TUER.BAJA DIN-936 30/200 8.8 ZINC. |
| 15228903 | AGUJA TAJO AF IZQDA. | 60000460 | TORN.EXAG.DIN-931 20*210 8.8 ZINC. |
| 15228904 | REGLA TAJO AF IZQDA. | 61000006 | ANILLO ELASTICO DIN-471 35 |
| 15228914 | BULON D=34,8*166mm.ANT.PRIMER CUERPO | 61000031 | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3) |
| 15229002 | CHARNELA TENSORES IZQDA. | 61000051 | ARAND.DIN-125 10 ZINC. |
| 15229901 | VASTAGO DCHO.TENSOR PRIMER CUERPO XP | 91038901 | SEP.B.P.51/36* 15mm.ZINC. |
| 15229903 | TUBO TENSOR PRIMER CUERPO XPF/H ZN. | | |



HYDROPNEUMATIC SYSTEM

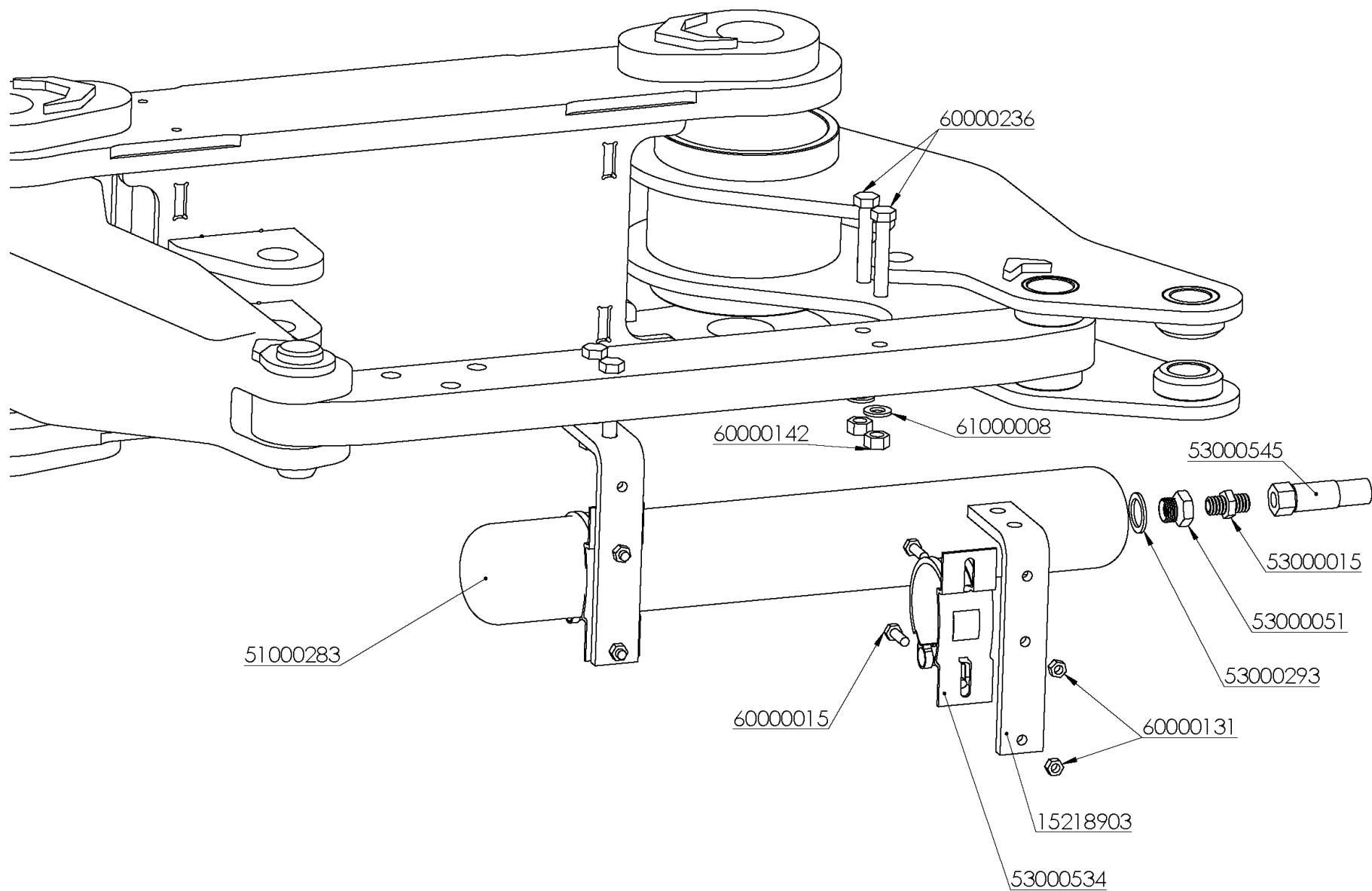


HYDROPNEUMATIC SYSTEM

| REFERENCIA | DESCRIPCIÓN |
|------------|--|
| 53000006 | JUNTA METAL/GOMA 1/2" 11603 |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 |
| 53000013 | CODO 90° M/H-3/8" 4292 |
| 53000015 | UNION MACHO 3/8 4062 |
| 53000024 | CODO TUBO/TUBO 12mm. W12-L |
| 53000036 | TE UNION IGUAL 12 T12-L |
| 53000048 | UNION MACHO BSP 3/8-12 GE12-L |
| 53000093 | JUNTA METAL GOMA 1/4" 11601 |
| 53000201 | PLACA RFZO.AB.SIMPLE 18 DP2 |
| 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 |
| 53000578 | LATIG.PREMIER-3/8*1800mm.OR-3/8/TL-18 |
| 53000579 | LATIG.PREMIER-3/8*1170mm.OR-3/8/TL-18 |
| 53000599 | LATIG.PREMIER-3/8*2000mm.OR-3/8/TL-18 |
| 53000654 | LATIG.PREMIER-1/4*2450mm.TL-18/CTL-3/8 |
| 60000180 | TORN.EXAG.DIN-931 6* 40 8.8 ZINC. |
| 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 |



ACCUMULATOR

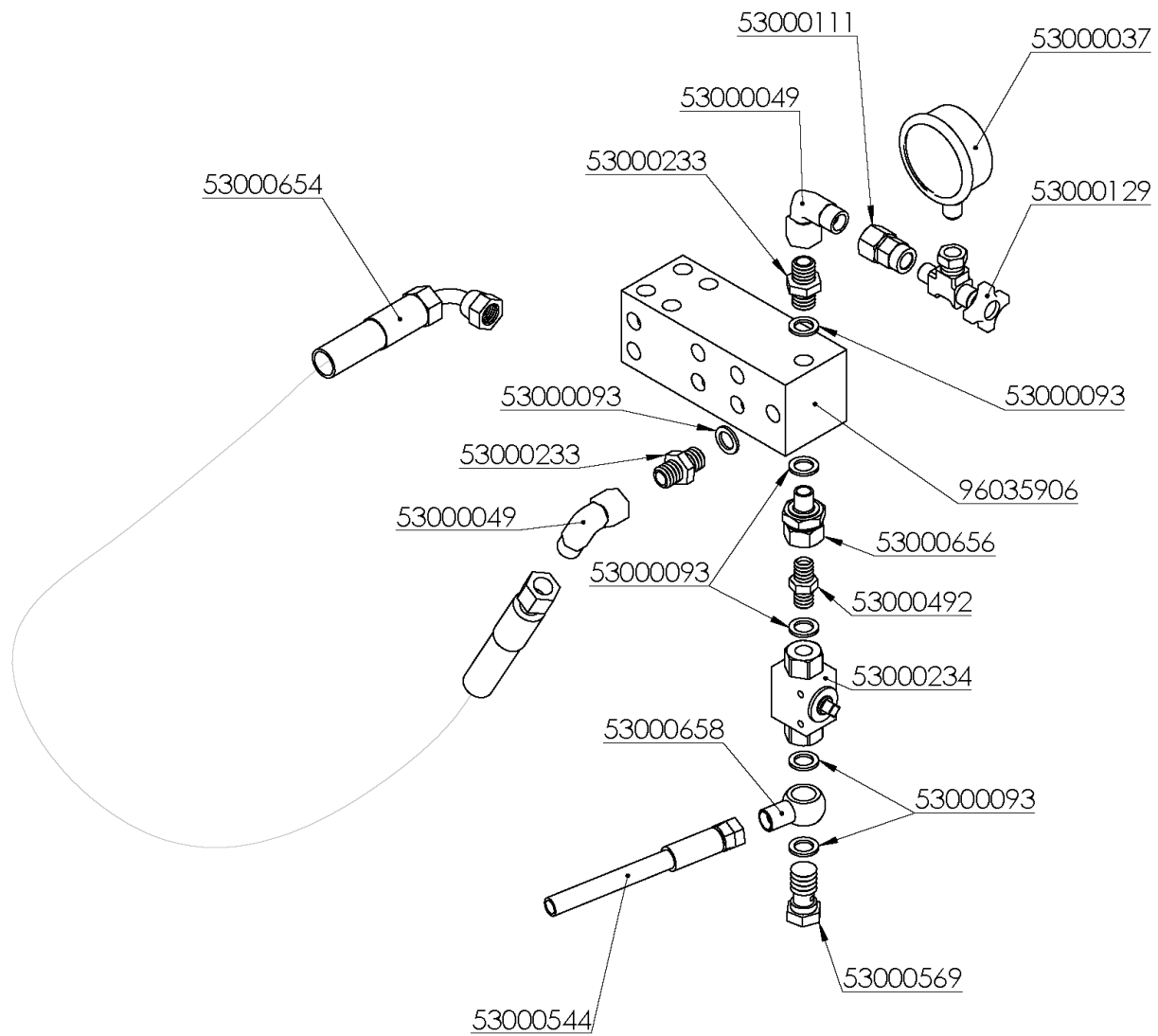


ACCUMULATOR

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 15218903 | SOP.ACUMULADOR AH |
| 51000283 | ACUMULADOR 3 L. SK280-3/3218U-280AAE-VB-08-120 RAL 7047 |
| 53000015 | UNION MACHO 3/8 4062 |
| 53000051 | REDUCTOR 1/2-3/8 4171 |
| 53000293 | JUNTA METAL/GOMA 3/4" 11604 |
| 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. |
| 60000131 | TUER.AUTO.DIN-980 8 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. |



CHARGING HOSE

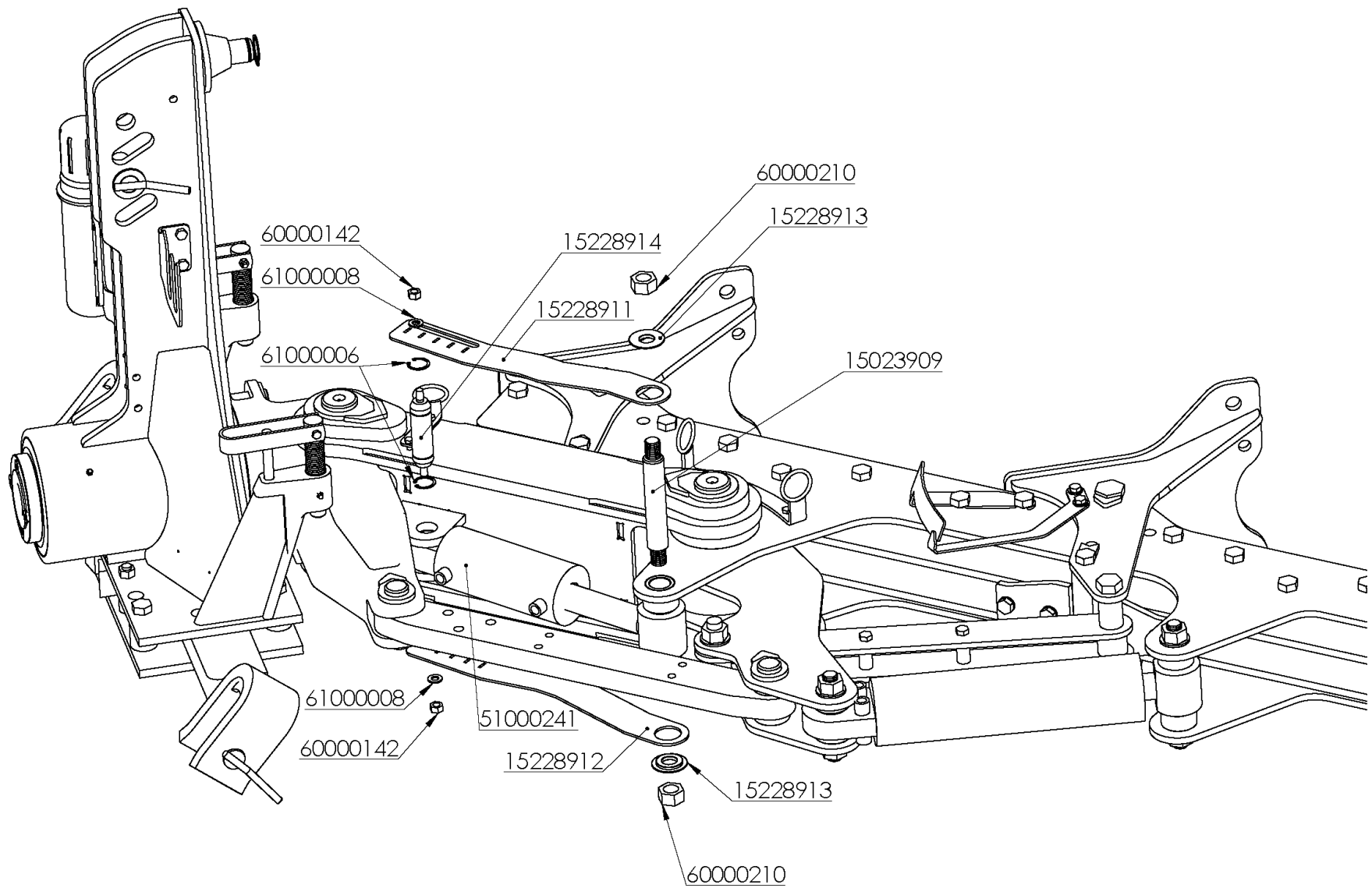


CHARGING HOSE

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 53000037 | MANOM.GLIC.63 0-315 (MOD.OVLAC) 263R0-315 |
| 53000049 | CODO C/TCA.LOCA EVW12-L |
| 53000093 | JUNTA METAL GOMA 1/4 11601 |
| 53000111 | UNION HEMBRA MANOMETRO MAV12-L |
| 53000129 | PROTECTOR MANOMETRO CODO 1/4 FT-291 |
| 53000233 | UNION MACHO BSP 12-1/4 GE12-L1/4 |
| 53000234 | VALV.ESFERA 2/2 1/4 GE2 DN6 |
| 53000492 | UNION MACHO 1/4 |
| 53000544 | LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4 |
| 53000569 | TORNILLO SIMPLE 1/4 |
| 53000654 | LATIG.PREMIER-1/4*2450mm.TL-18/CTL-3/8 |
| 53000656 | UNION M/TL 1/4 GAS VG-S-940-13 |
| 53000658 | ESFERICO ROSCADO 1/4 4011 |
| 96035906 | SOP.TOMAS HIDRAULICAS XPH ZINCADO (D/18) |



HYDRAULIC SHIFT SUPPLEMENT

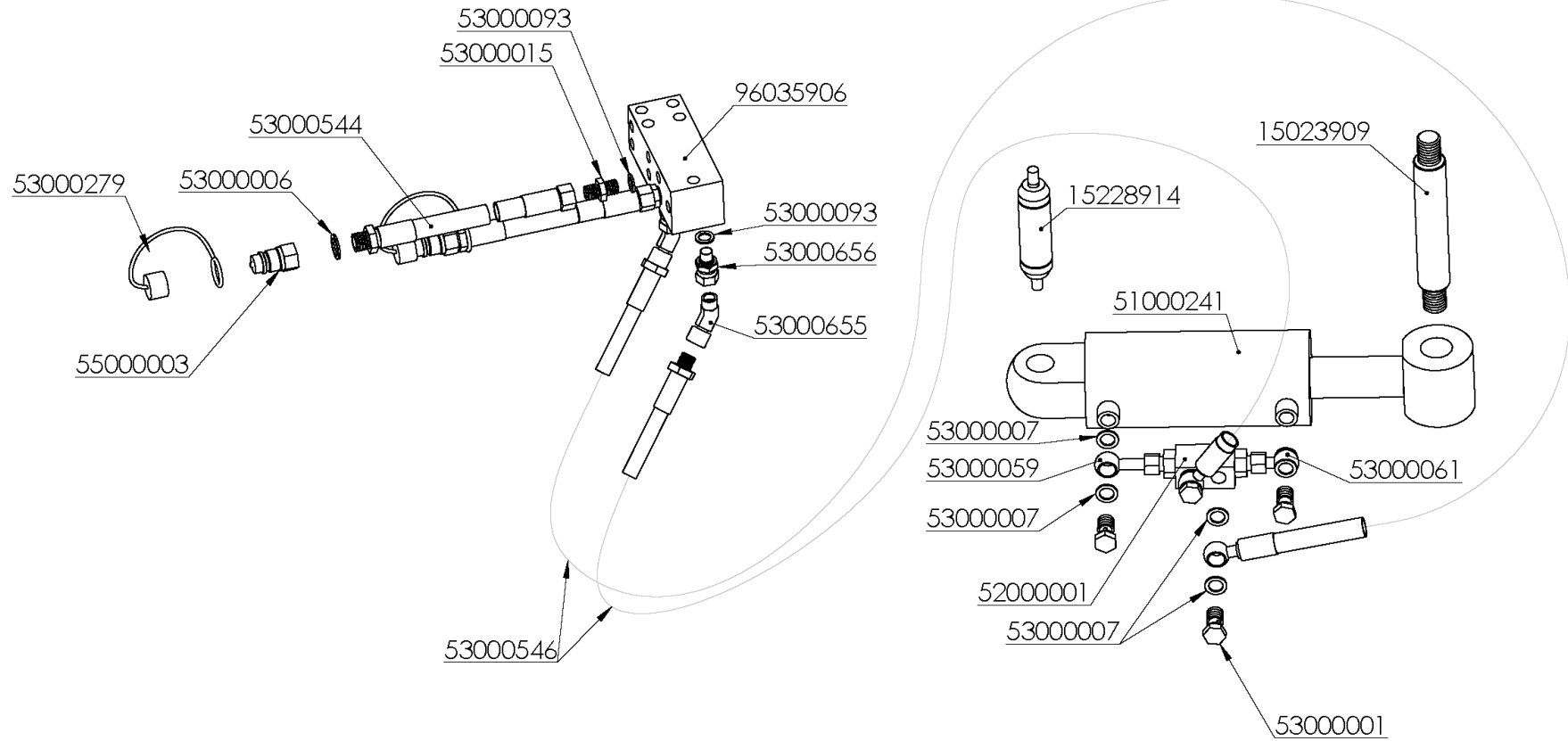


HYDRAULIC SHIFT SUPPLEMENT

| 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. |



HYDRAULIC SHIFTING SYSTEM

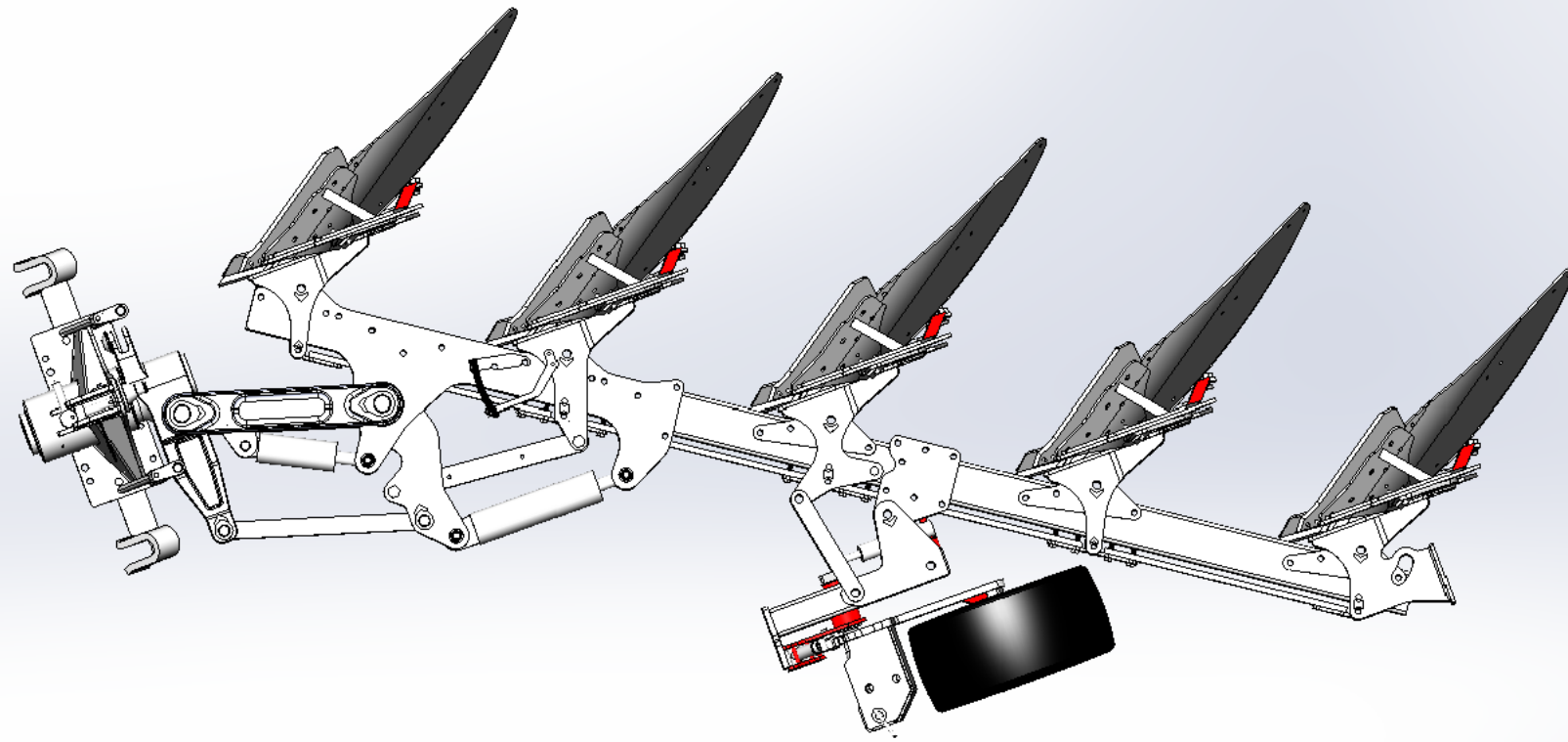


HYDRAULIC SHIFTING SYSTEM

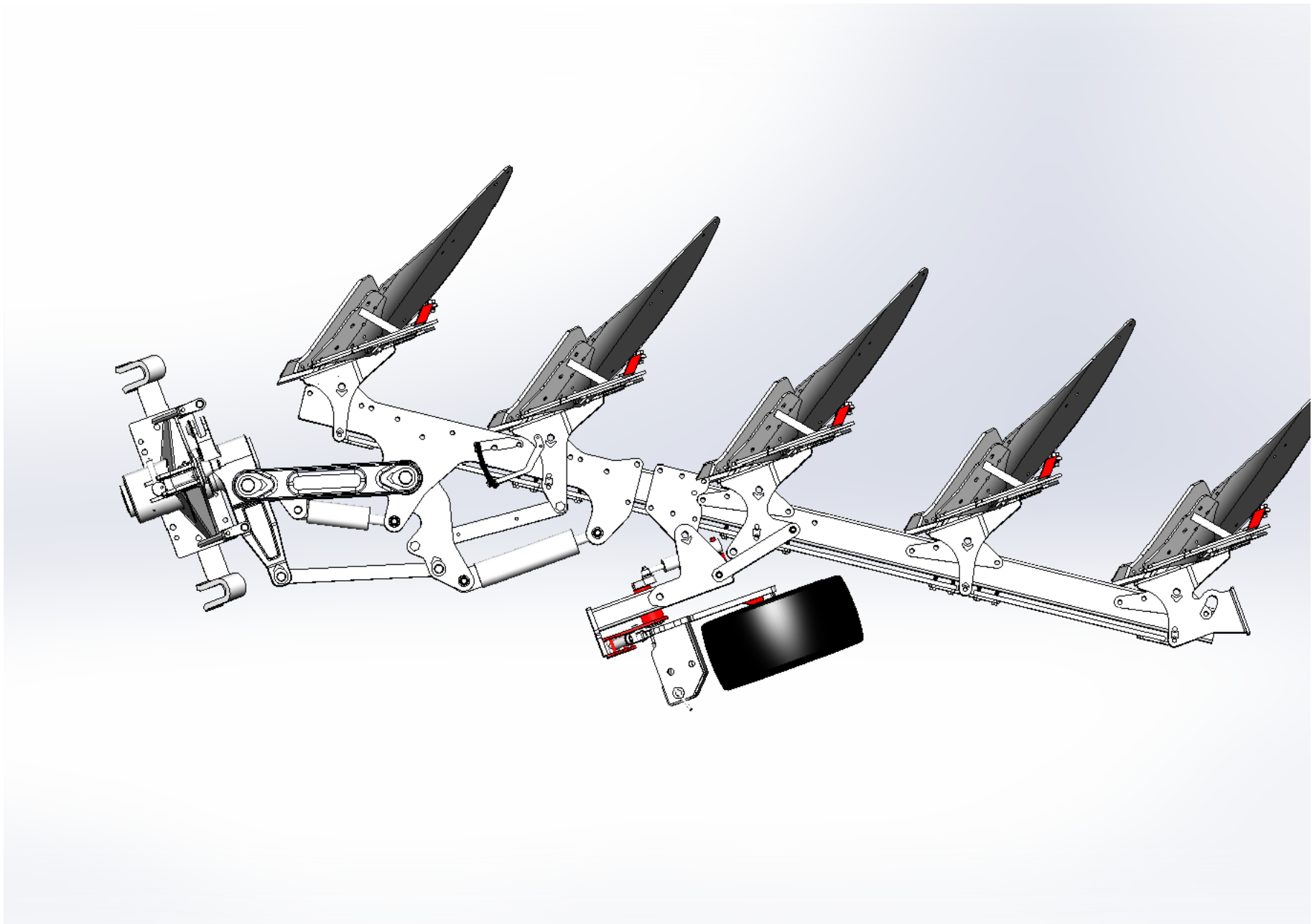
| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 15023909 | BULON D=34,6*240mm.ROSC.TENSOR POST.SN + DACROMET |
| 15228914 | BULON D=34,8*166mm.ANT.PRIMER CUERPO |
| 51000241 | CILIND.AJUSTE 1er.CPO.45/90/120 |
| 52000001 | VALV.BLOQUEO ZINC.12 VBD38 |
| 53000001 | TORNILLO SIMPLE 3/8 4022 |
| 53000006 | JUNTA METAL/GOMA 1/2" 11603 |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 |
| 53000015 | UNION MACHO 3/8 4062 |
| 53000059 | ESFERICO 3/8" TUBO 12mm.LG=40 4002E |
| 53000061 | ESFERICO 3/8" TUBO 12mm.LG=200 4002E-200 |
| 53000093 | JUNTA METAL GOMA 1/4" 11601 |
| 53000279 | PROTECTOR E.R.MACHO 1/2" VERDE 5029-4PG |
| 53000492 | UNION MACHO 1/4 |
| 53000544 | LATIG.PREMIER-1/4*1200mm.MF-1/2/TL-1/4 |
| 53000546 | LATIG.PREMIER-1/4*2750mm.MF-1/4/OR-3/8 |
| 53000655 | CODO 45° M+TL 1/4 GAS LEK-S952-13 |
| 53000656 | UNION M/TL 1/4 GAS VG-S-940-13 |
| 55000003 | ADAPTADOR E.R.FASTER 1/2" 30410108 |
| 96035906 | SOP.TOMAS HIDRAULICAS XPH ZINCADO (D/18) |



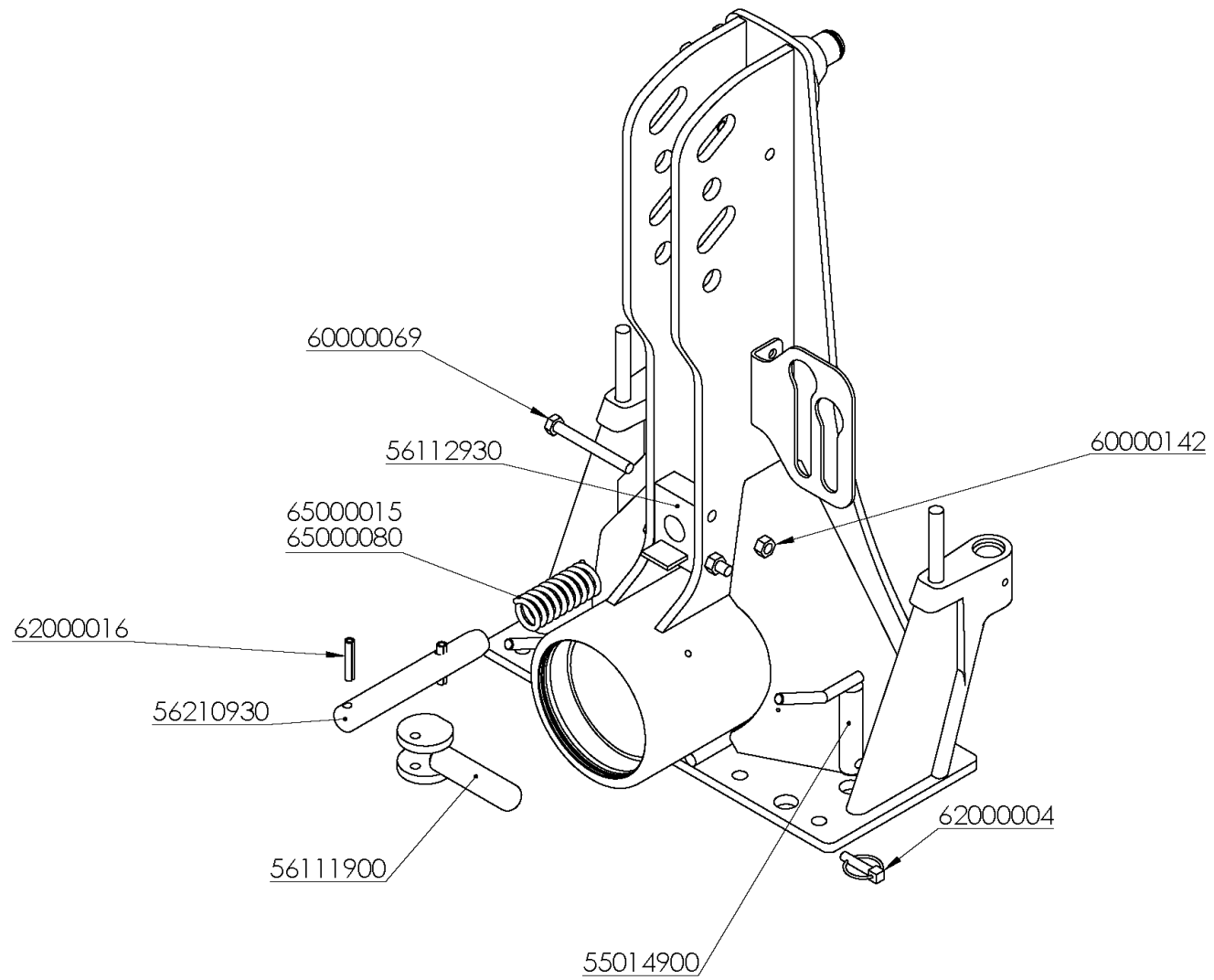
POSITION 1



POSITION 2



HEADSTOCK LOCK

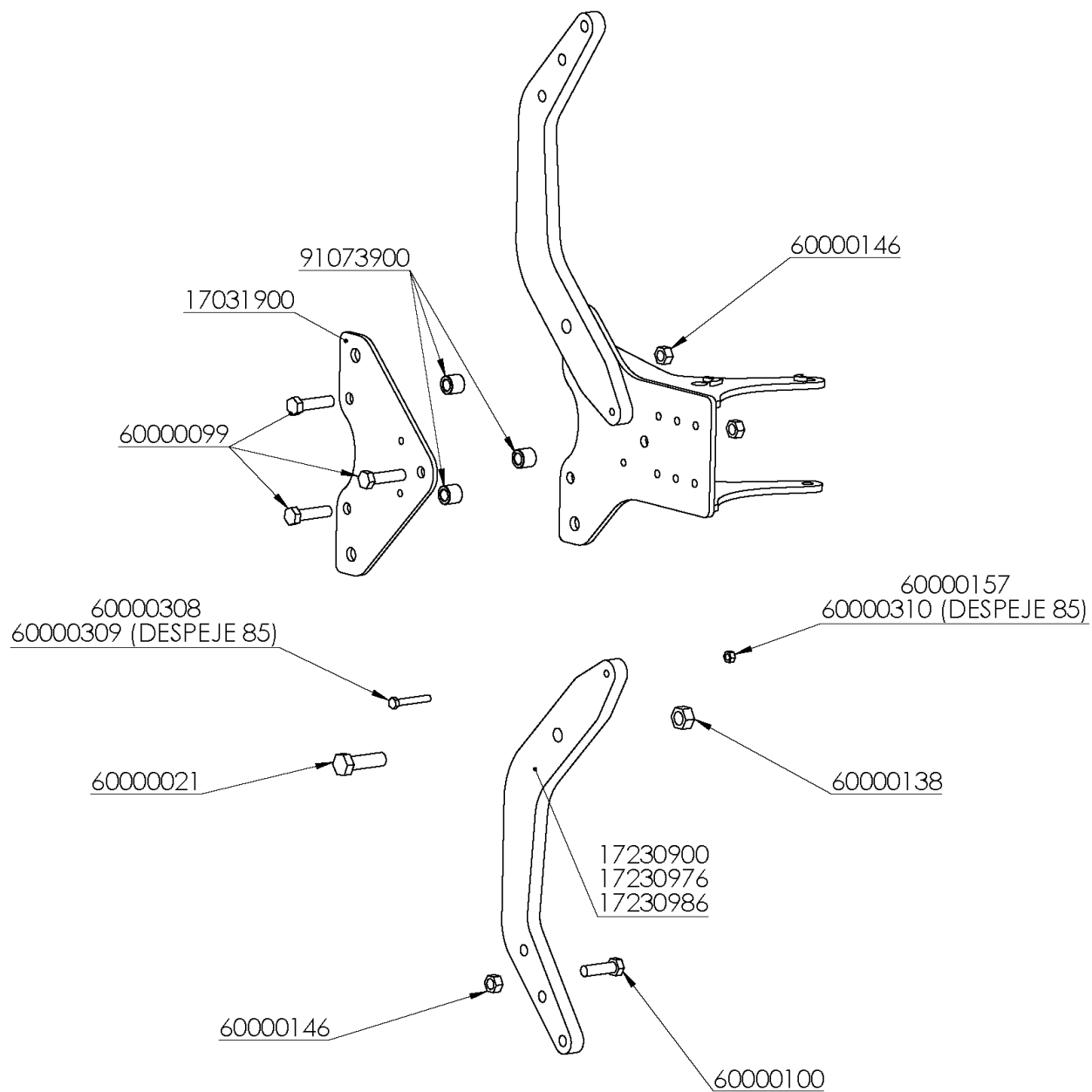


HEADSTOCK LOCK

| 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. |
| 65000080 | MUELLE COMPR.CILIND.150*39*4 ZINC. (Paso 12) |



SHEARBOLT BODY



SHEARBOLT BODY

| 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 |

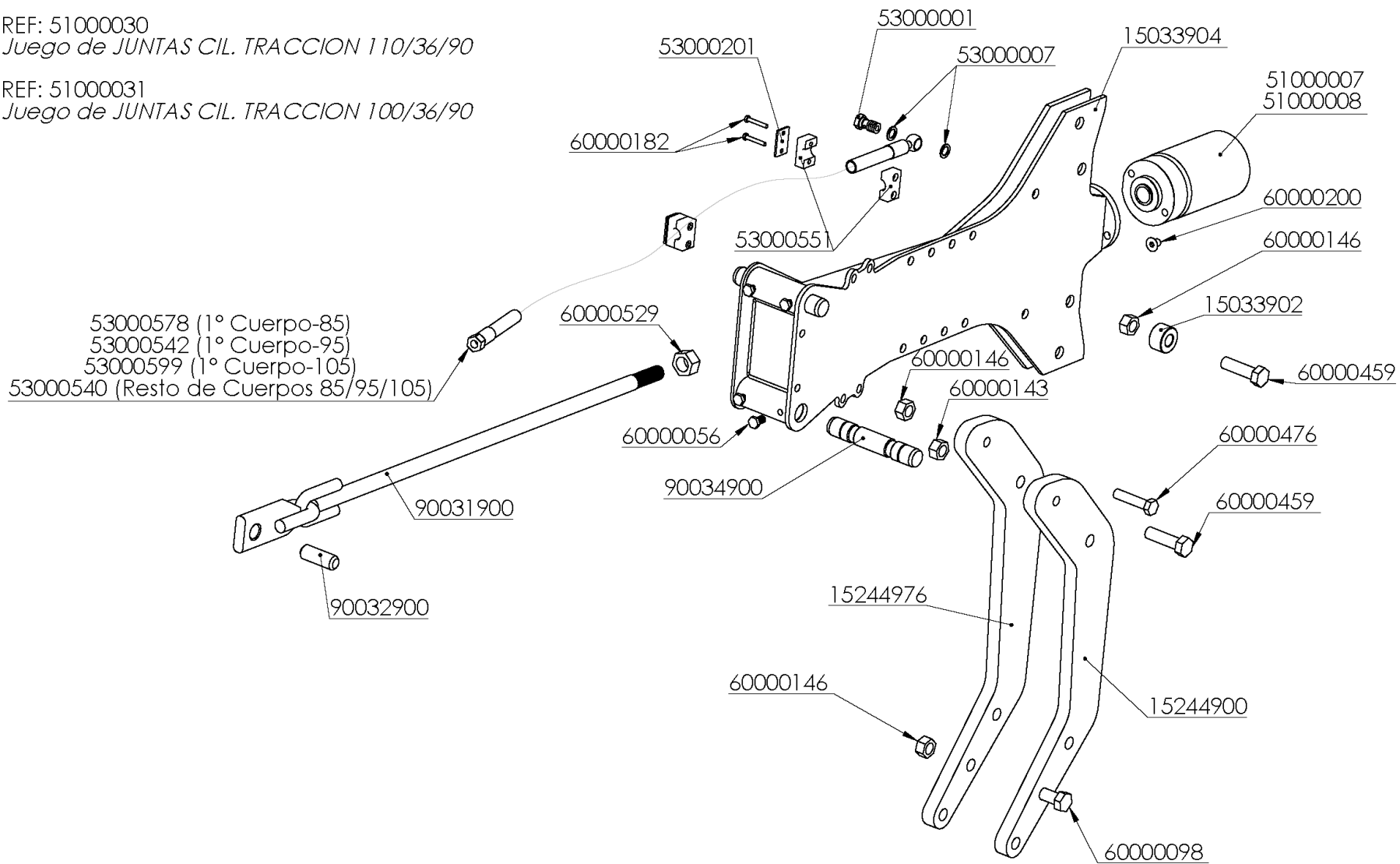


ARM

COMPONENTES PARA REPUESTO:

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

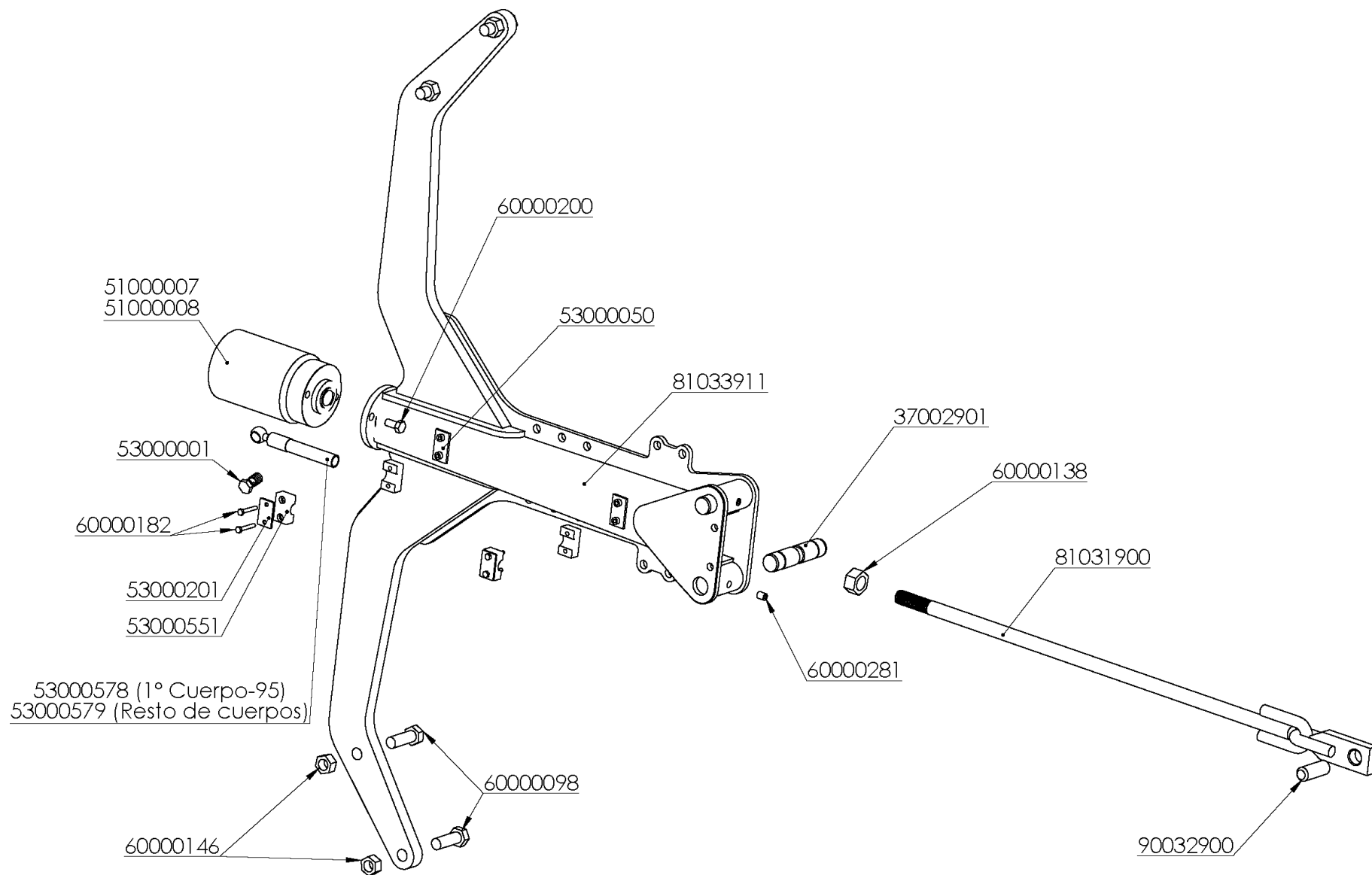
REF: 51000031
Juego de JUNTAS CIL. TRACCION 100/36/90



| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---------------------------------------|------------|--|
| 15033902 | CASQ.D= 45/20,5*26mm.PORTACAMBA SB | 53000599 | LATIG.PREMIER-3/8*2000mm.OR-3/8/TL-18 |
| 15033904 | BRAZO PORTACAMBA SH (D/18) | 60000056 | TORN.EXAG.DIN-933 12* 20 12.9 |
| 15244900 | CAMBA AH 25mm | 60000098 | TORN.EXAG.DIN-931 20* 60 8.8 |
| 15244976 | CAMBA AH 25mm 76cm DESPEJE. | 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. |
| 51000007 | CILIND.TRACCION 110/36/90 AR | 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. |
| 51000008 | CILIND.TRACCION 100/36/90 AR | 60000180 | TORN.EXAG.DIN-931 6* 40 8.8 ZINC. |
| 51000030 | J.JUNTAS CIL.TRACC. 110/36/90 (CICRO) | 60000182 | TORN.EXAG.DIN-931 6* 35 8.8 ZINC. |
| 51000031 | J.JUNTAS CIL.TRACC. 100/36/90 (CICRO) | 60000200 | TORN.ALLEN DIN-912 12* 25 8.8 ZINC. |
| 53000001 | TORNILLO SIMPLE 3/8 4022 | 60000459 | TORN.EXAG.C/LAR. 20* 70 10.9 |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 | 60000476 | TORN.EXAG.C/LAR. 16* 65 10.9 (FUSIBLE) |
| 53000201 | PLACA RFZO.AB.SIMPLE 18 DP2 | 60000529 | TUER.AUTO.DIN-985 1" SAE 10.9 |
| 53000540 | LATIG.PREMIER-3/8*1300mm.OR-3/8/TL-18 | 90031900 | BARRA TENSORA |
| 53000542 | LATIG.PREMIER-3/8*1900mm.OR-3/8/TL-18 | 90032900 | BULON D=25* 70mm.TIRO BARRA TENSORA |
| 53000551 | ABRAZ.SIMPLE LAT.PREMIER 3/8 | 90034900 | BULON APOYO ANCORA |
| 53000578 | LATIG.PREMIER-3/8*1800mm.OR-3/8/TL-18 | | |



ARM "XL"

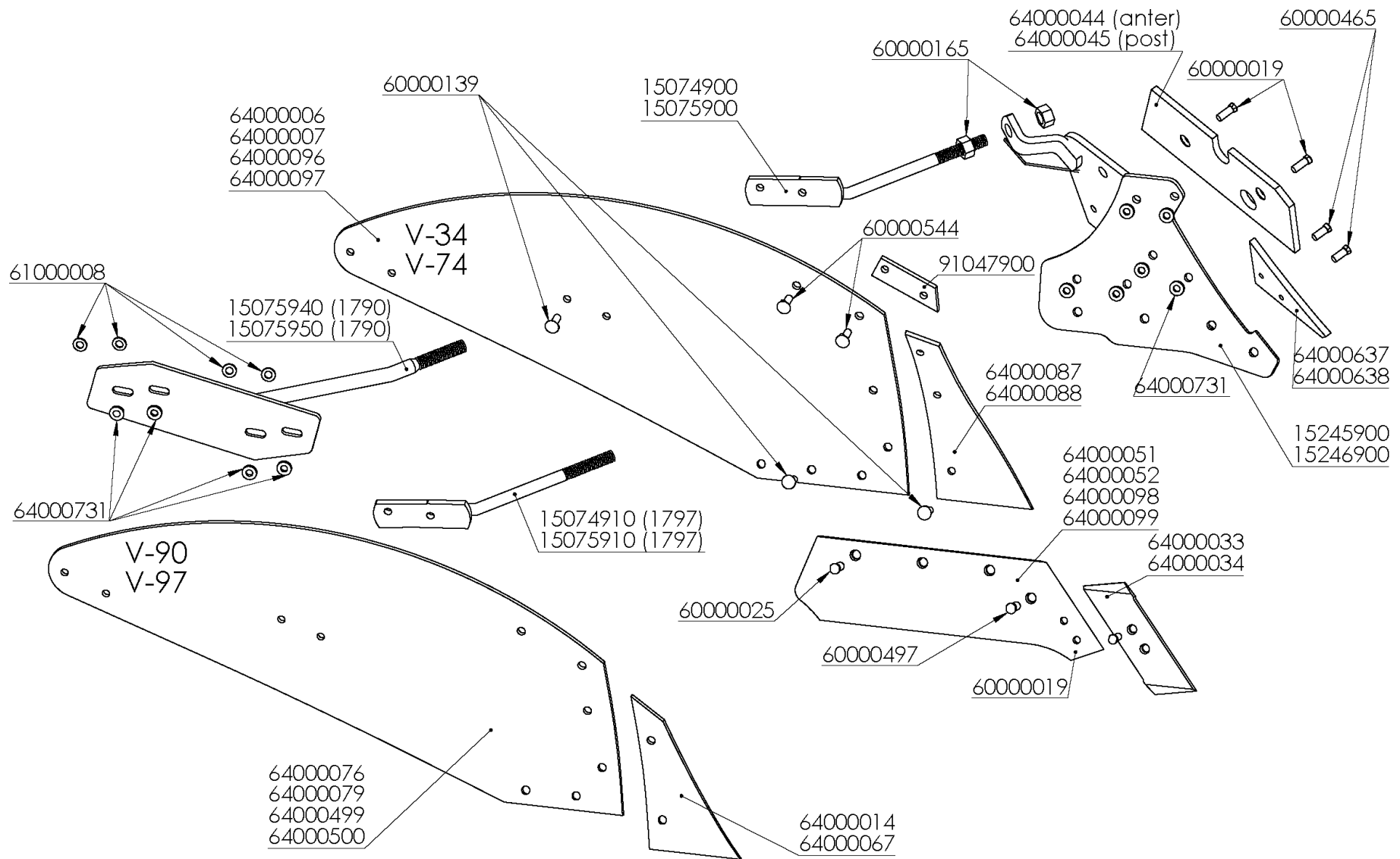


ARM "XL"

| 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 |
| 53000041 | ABRAZ.SIMPLE D=19mm. 319PP |
| 53000050 | PLACA SOLDAR AB.SIMPLE 20 SP3 |
| 53000201 | PLACA RFZO.AB.SIMPLE 18 DP2 |
| 53000551 | ABRAZ.SIMPLE LAT.PREMIER 3/8 |
| 53000578 | LATIG.PREMIER-3/8*1800mm.OR-3/8/TL-18 |
| 53000579 | LATIG.PREMIER-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. |
| 60000182 | TORN.EXAG.DIN-931 6* 35 8.8 ZINC. |
| 60000200 | TORN.ALLEN DIN-912 12* 25 8.8 ZINC. |
| 60000218 | TORN.ALLEN DIN-913 12* 16 12.9 |
| 60000281 | TORN.ALLEN DIN-913 12* 14 12.9 |
| 81031900 | BARRA TENSORA LVH |
| 81033911 | BRAZO PORTACAMBA LVH-76 (D/18) |
| 90032900 | BULON D=25* 70mm.TIRO BARRA TENSORA |



BODIES V-97 V-34 V-90 V-74

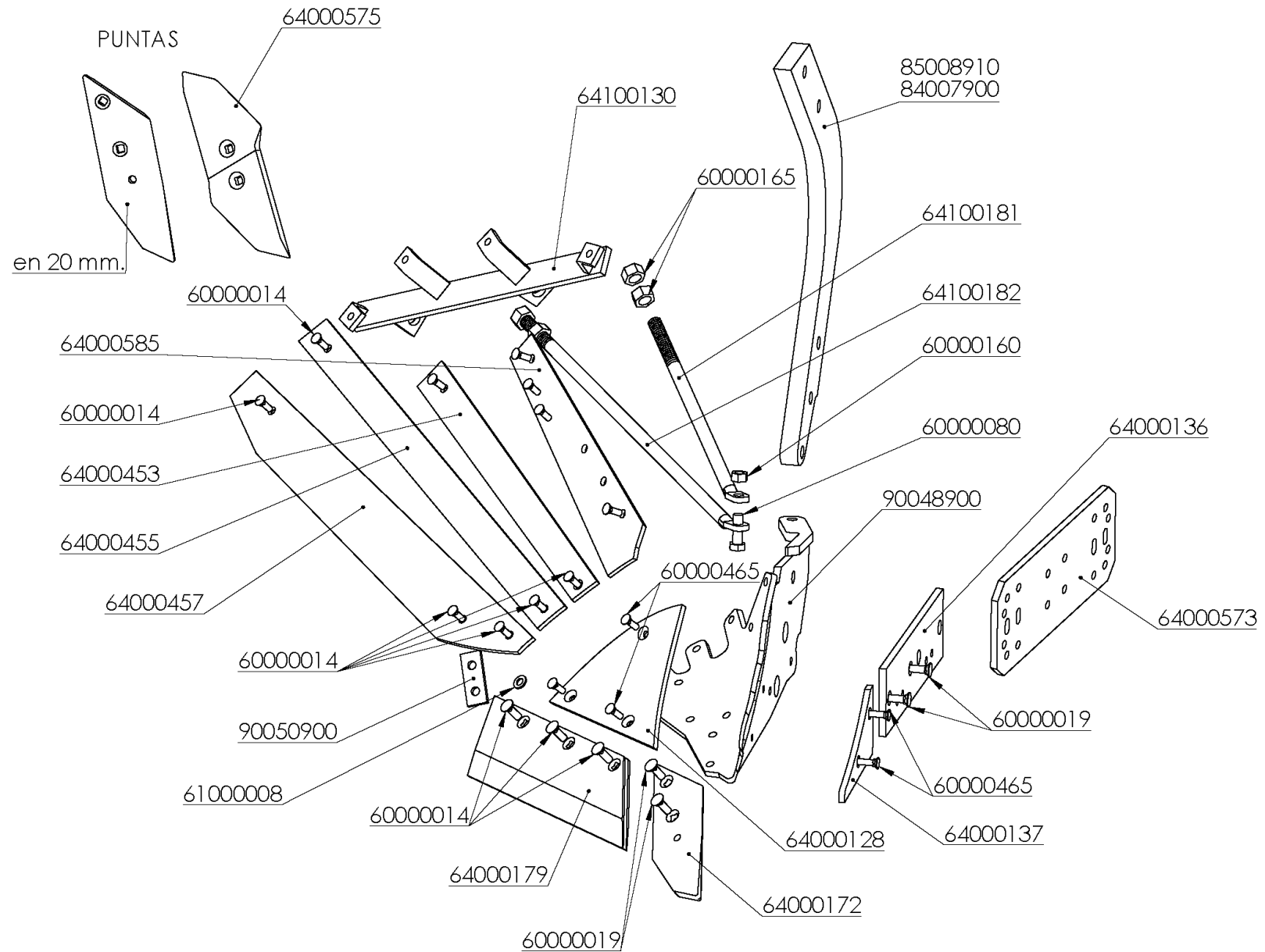


BODIES V-97 V-34 V-90 V-74

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|-------------------------------------|------------|--------------------------------------|
| 15045900 | PORTA-REJAS DCH. 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 16"-I-CAV |
| 15075900 | TENSOR 1834 CORTO IZQD.(D/04) | 64000067 | COMPLEMENTO BORO 1798-I-CAV |
| 15075910 | TENSOR 1797 CORTO IZQD.(D/04) | 64000076 | VERTEDERA CEMENT.1797-D-CAV |
| 15075940 | TENSOR 1790 DCH. (D/18) | 64000079 | VERTEDERA CEMENT.1797-I-CAV |
| 15075950 | TENSOR 1790 IZQ. (D/18) | 64000087 | COMPLEMENTO BORO 1849-D-CA |
| 15245900 | PORTA-REJAS DCH.1797/1834 (D/17) | 64000088 | COMPLEMENTO BORO 1849-I-CA |
| 15246900 | PORTA-REJAS IZQD.1797/1834 (D/17) | 64000096 | VERTEDERA BORO V-74-D-CAV |
| 60000019 | TORN.ARADO C/OV/934 12*36 12.9 | 64000097 | VERTEDERA BORO 1874-I-CAV |
| 60000025 | TORN.ARADO C/OV/934 14*35 12.9 | 64000098 | REJA 18"-D-CAV |
| 60000139 | TORN.ARADO 2TET/934 12*35 8.8 ZINC. | 64000099 | REJA 18"-I-CAV |
| 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.1790-I-CAV (KV-28) |
| 60000497 | TORN.ARADO C/OBL/934 14*34 12.9 | 64000608 | VERTEDERA BORO 1790-D-CAV (KV-28) |
| 60000544 | TORN.ARADO 2TET/934 12*20 8.8 ZINC. | 64000637 | PUNTA COSTAN.D 1797/1834 |
| 61000008 | ARAND.DIN-125 12 ZINC. | 64000638 | PUNTA COSTAN.I 1797/1834 |
| 64000006 | VERTEDERA CEMENT. V-34-D-CAV | 64000731 | ARAND.GOMA ADHESIVA M-12 REFORZADA |
| 64000007 | VERTEDERA CEMENT.1834-I-CAV | 85076910 | SOP.TENSOR LARGO V-90 |
| 64000014 | COMPLEMENTO BORO 1798-D-CAV | 91047900 | PLETINA UNION VERT./COMPL. V-34 |
| 64000033 | PUNTA REJA 1365-D 65x12mm. | | |



SLATTED BODY "OV"

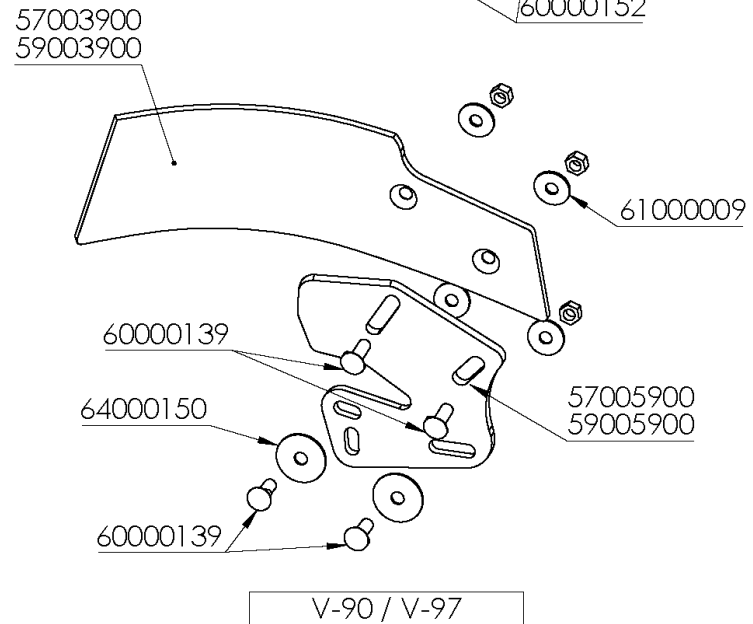
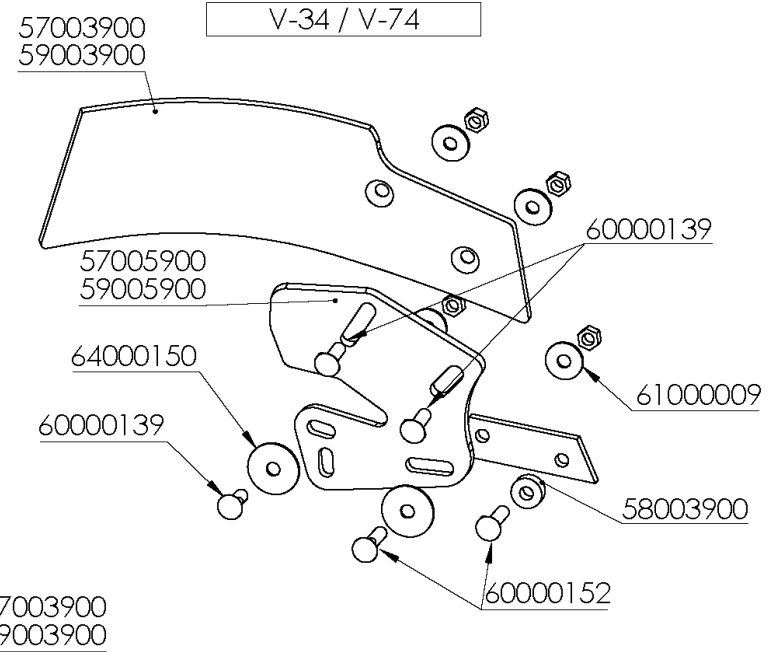
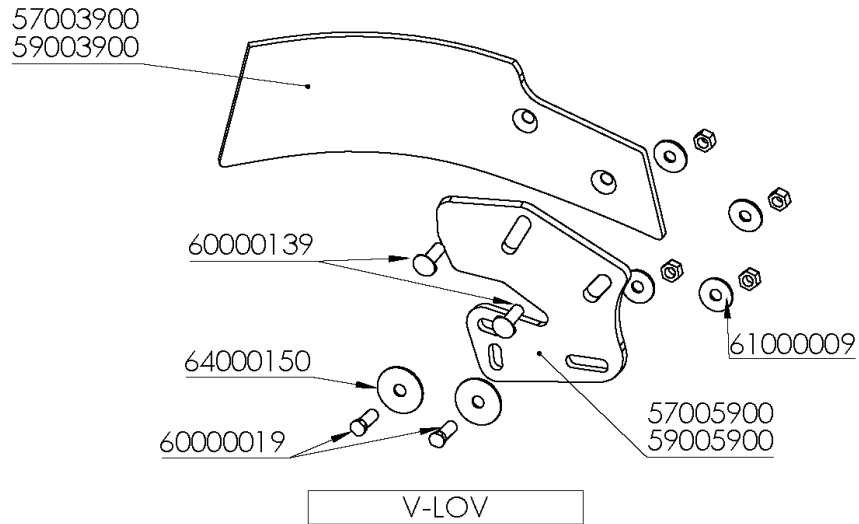
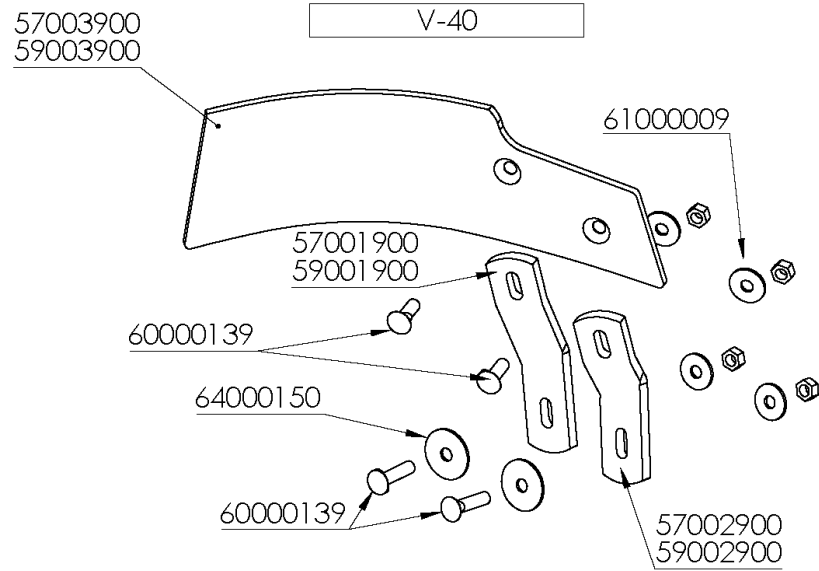


SLATTED BODY "OV"

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|------------------------------------|------------|-----------------------------|
| 60000014 | TORN.ARADO C/OV/934 12*33 12.9 | 64000183 | CORTANTE D-LK 3492890 |
| 60000019 | TORN.ARADO C/OV/934 12*36 12.9 | 64000453 | LAMINA 2-D (D/09-11) |
| 60000080 | TORN.EXAG.DIN-931 16* 60 8.8 ZINC. | 64000455 | LAMINA 3-D (D/09-11) |
| 60000160 | TUER.EXAG.DIN-934 16 8.8 ZINC. | 64000457 | LAMINA 4-D (D/09-11) |
| 60000165 | TUER.EXAG.DIN-934 22 8.8 ZINC. | 64000573 | COSTANERA XL D/I LOV |
| 60000227 | TORN.ALLEN DIN-7991 20* 60 12.9 | 64000575 | PUNTA REJA D LOV REVERS. |
| 60000381 | TORN.ARADO DIN-608/934 10*40 8.8 | 64000585 | LAMINA 1-D-XL REVERS. |
| 60000465 | TORN.ARADO C/OV/934 10*33 12.9 | 64100130 | SOP.TENSOR D LOV RFZD. |
| 61000008 | ARAND.DIN-125 12 ZINC. | 64100181 | SENSOR CORTO RFZD.LOV |
| 64000128 | COMPLEMENTO D LOV | 64100182 | SENSOR LARGO RFZD.LOV |
| 64000136 | COSTANERA D/I LOV | 84007900 | CAMBA FRF / FFN |
| 64000137 | PUNTA COSTAN.D LOV | 85008910 | CAMBA FRBV/FB P/CUERPO LAM. |
| 64000172 | PUNTA REJA D LOV 15mm. | 90048900 | PORTA-REJAS DCH.LOV |
| 64000179 | REJA 20"D LOV | 90050900 | PLETINA UNION VERT-REJA LOV |



TRASHBOARDS

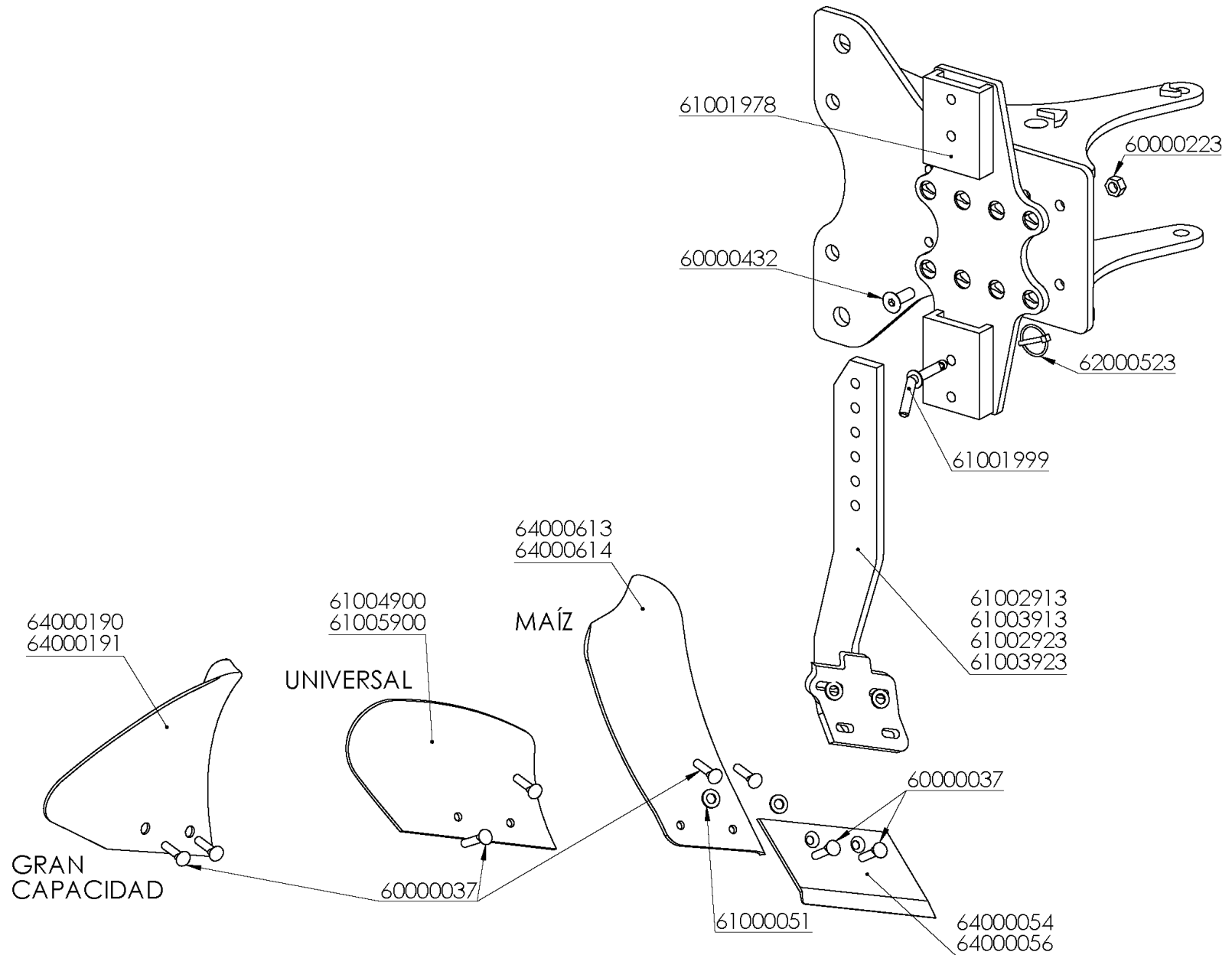


TRASHBOARDS

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 57001900 | SOP.POST.DCH.C.R.1840/V-LK |
| 57002900 | SOP.ANTER.DCH.C.R.1840/POST.DCH.1701 |
| 57003900 | DEFLECTOR BORO 1856-D-CAV |
| 57005900 | SOPORTE C.R. DCH.(1797-1834-VLAM) |
| 58003900 | CASQ.D= 30/13*12mm.SEP.SOP.C.R.1834 ZINC. |
| 59001900 | SOP.POST.IZQD.C.R.1840/V-LK |
| 59002900 | SOP.ANTER.IZQD.C.R.1840/POST.IZQD.1701 |
| 59003900 | DEFLECTOR BORO 1856-I-CAV |
| 59005900 | SOPORTE C.R. IZQ.(1797-1834-VLAM) |
| 60000019 | TORN.ARADO C/OV/934 12*36 12.9 |
| 60000139 | TORN.ARADO 2TET/934 12*35 8.8 ZINC. |
| 60000152 | TORN.ARADO 2TET/934 12*45 8.8 ZINC. |
| 61000009 | ARAND.DIN-9021 12 ZINC. |
| 64000150 | ARAND.GOMA ADHESIVA M-12 |



SHEARBOLT SKIMMERS

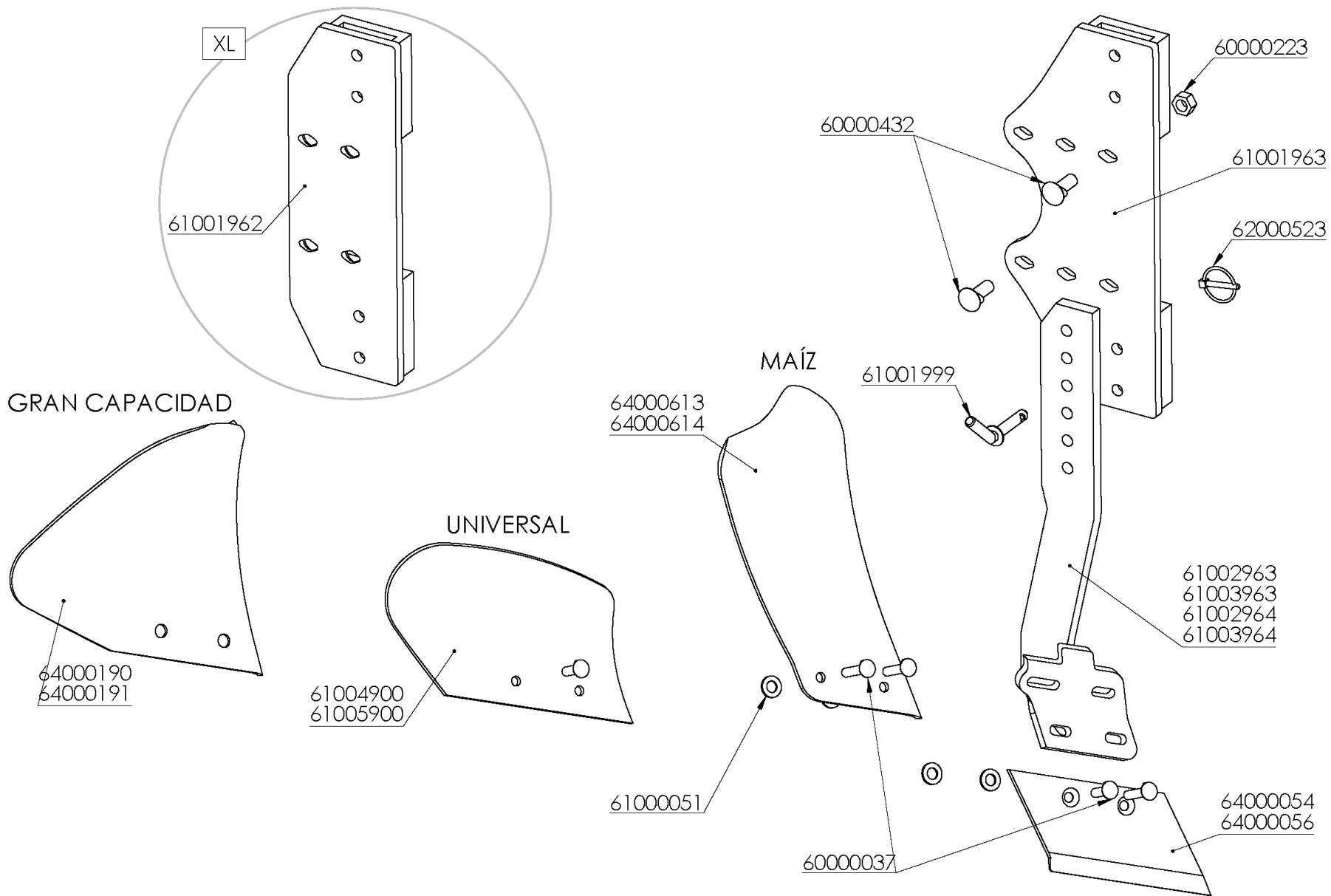


SHEARBOLT SKIMMERS

| 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. |
| 61000072 | ARAND.DIN-125 300HV 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 |



NON-STOP SKIMMERS

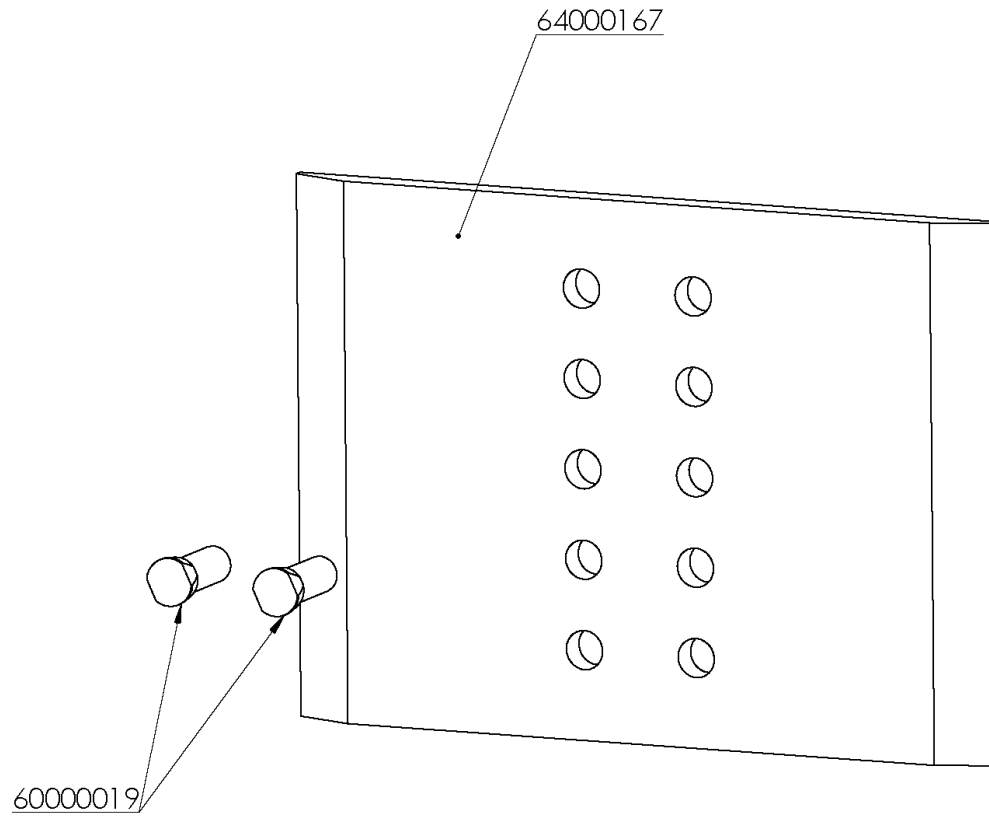


NON-STOP SKIMMERS

| 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. |
| 61000072 | ARAND.DIN-125 300HV 10 ZINC. |
| 61001962 | SOP.RASETAS LVH D/76 (D/13) |
| 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) |
| 61002964 | BRAZO RASETA SB/H-LVB/H DCH.(LARGO-AG) |
| 61003963 | BRAZO RASETA SB/H-LVB/H IZQD.(D/13-AG) |
| 61003964 | BRAZO RASETA SB/H-LVB/H IZQD.(LARGO-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 |



LANSLIDE EXTENSION

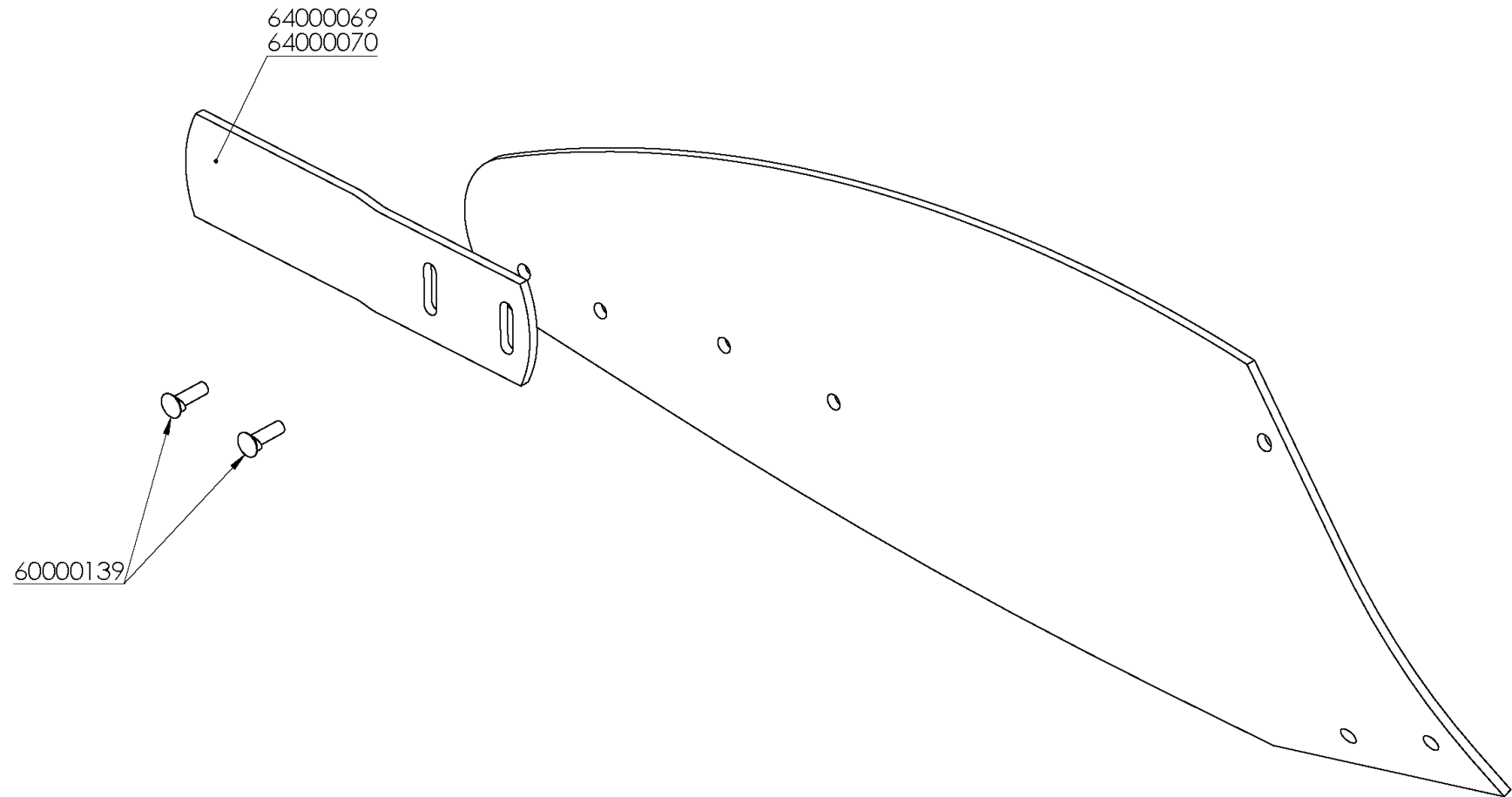


LANSLIDE EXTENSION

| REFERENCIA | DESCRIPCIÓN |
|------------|--------------------------------|
| 64000167 | TALONERA 2357 |
| 60000019 | TORN.ARADO C/OV/934 12*36 12.9 |



MOULDBOARD TAIL SUPPLEMENT

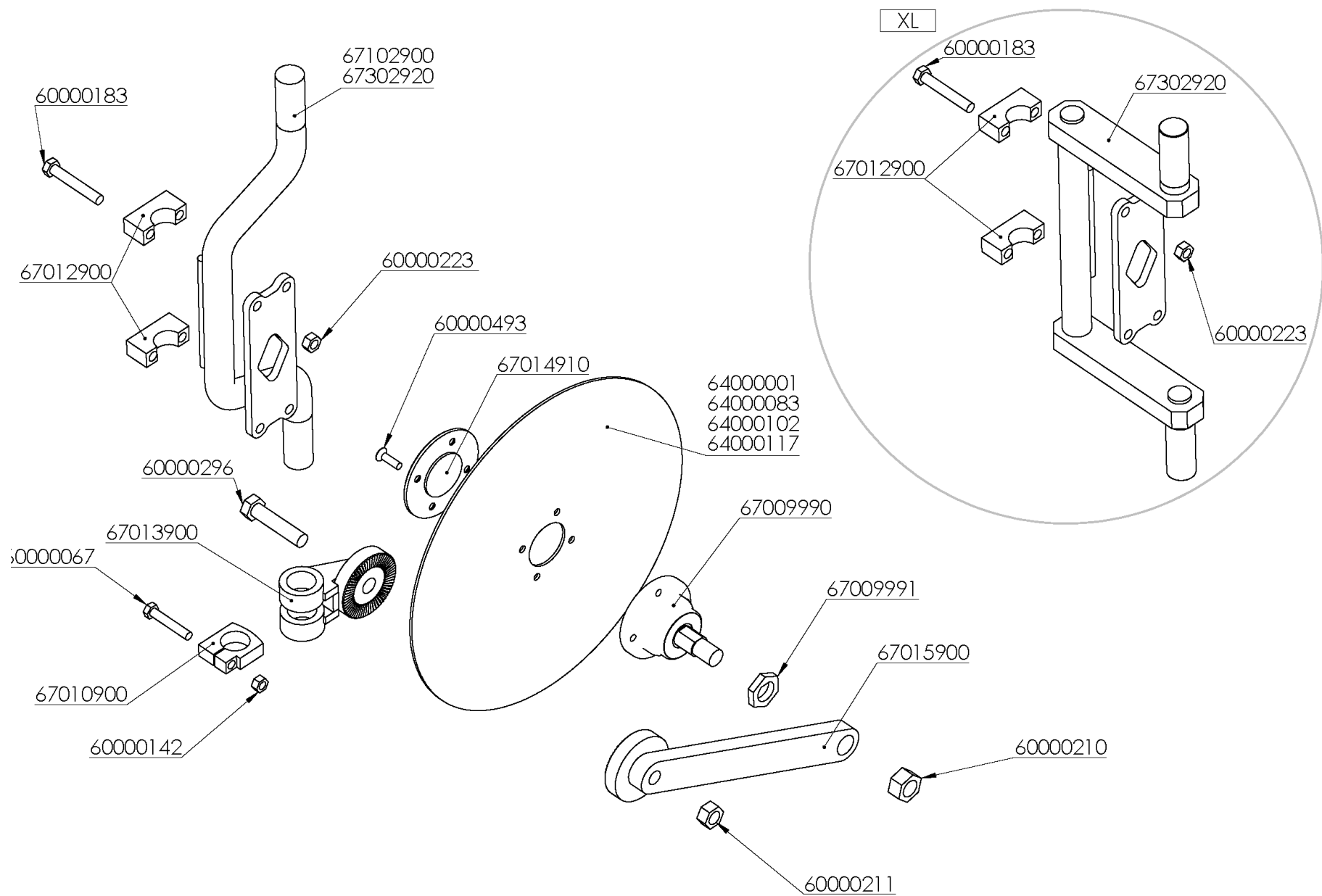


MOULDBOARD TAIL SUPPLEMENT

| REFERENCIA | DESCRIPCIÓN |
|------------|-------------------------------------|
| 60000139 | TORN.ARADO 2TET/934 12*35 8.8 ZINC. |
| 64000069 | COLA VERTEDERA 1829-D |
| 64000070 | COLA VERTEDERA 1829-I |



DISCS 20' XPH

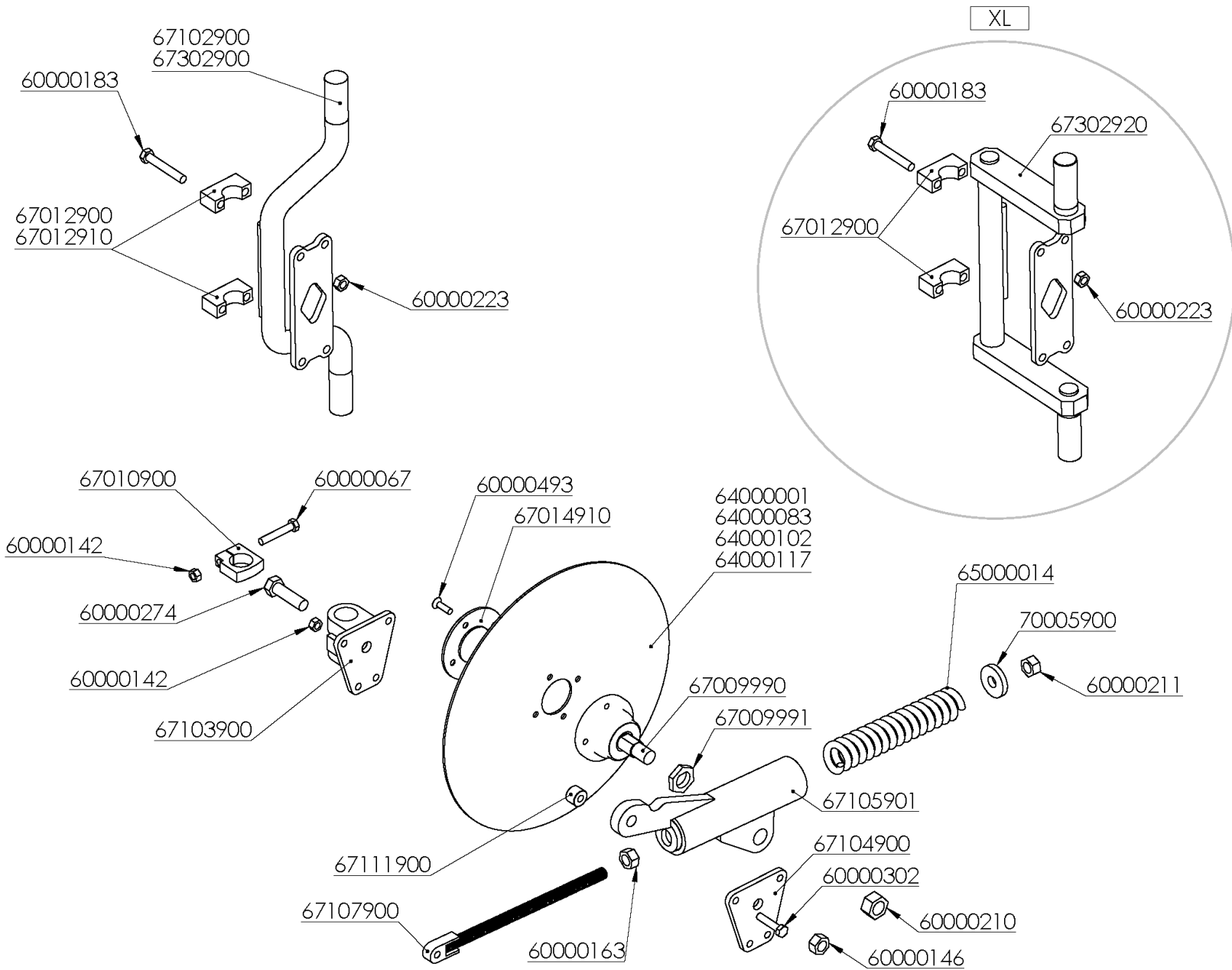


DISCS 20' XPH

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 6000067 | 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 |
| 64000083 | DISCO PLANO MUESC.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 | GIRO DISCOS NON-STOP |
| 67014910 | TAPA DISCOS (D/16) |
| 67015900 | BRAZO DISCOS 20" |
| 67102900 | MANIVELA DISCO SB/SH |
| 67302920 | MANIVELA LVB/H |



DISCS 20' NON-STOP XPH

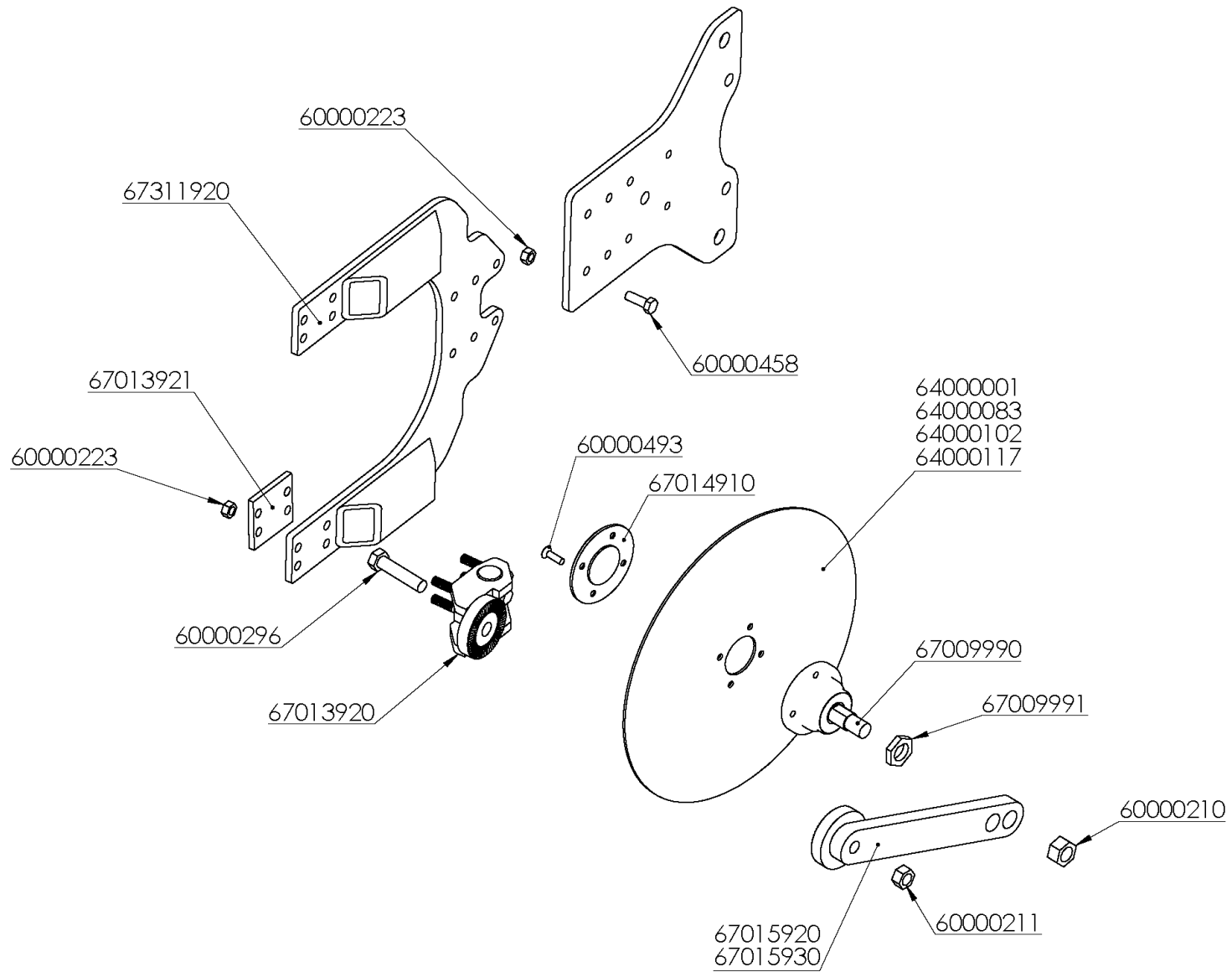


DISCS 20' NON-STOP XPH

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|--|
| 6000067 | TORN.EXAG.DIN-931 12* 70 8.8 ZINC. | 67009990 | CONJ.BUJE + EJE DISCOS 20" (D/16) |
| 60000142 | TUER.AUTO.DIN-980 12 8.8 ZINC. | 67009991 | ARANDELA FRENO BUJE DISCOS |
| 60000146 | TUER.AUTO.DIN-980 20 10.9 ZINC. | 67010900 | ABRAZ.REGULACION |
| 60000163 | TUER.EXAG.DIN-934 20 8.8 | 67012900 | ABRAZ.PRISION ZINC. |
| 60000183 | TORN.EXAG.DIN-931 14* 90 8.8 ZINC. | 67012910 | ABRAZ.PRISION D=32 |
| 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 |
| 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 | 67302900 | SEMI-MANIVELA CORTA |
| 64000102 | DISCO PLANO LISO ARADO 1983-20" 5mm.R-68 | 67302920 | MANIVELA LVB/H |
| 64000117 | DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68 | 70005900 | ARAND.RFZO.D= 58*21 E-10mm. |
| 65000014 | MUELLE COMPR.CILIN.275*57*12 LUZ-5 | | |



DISCS 20' XPF

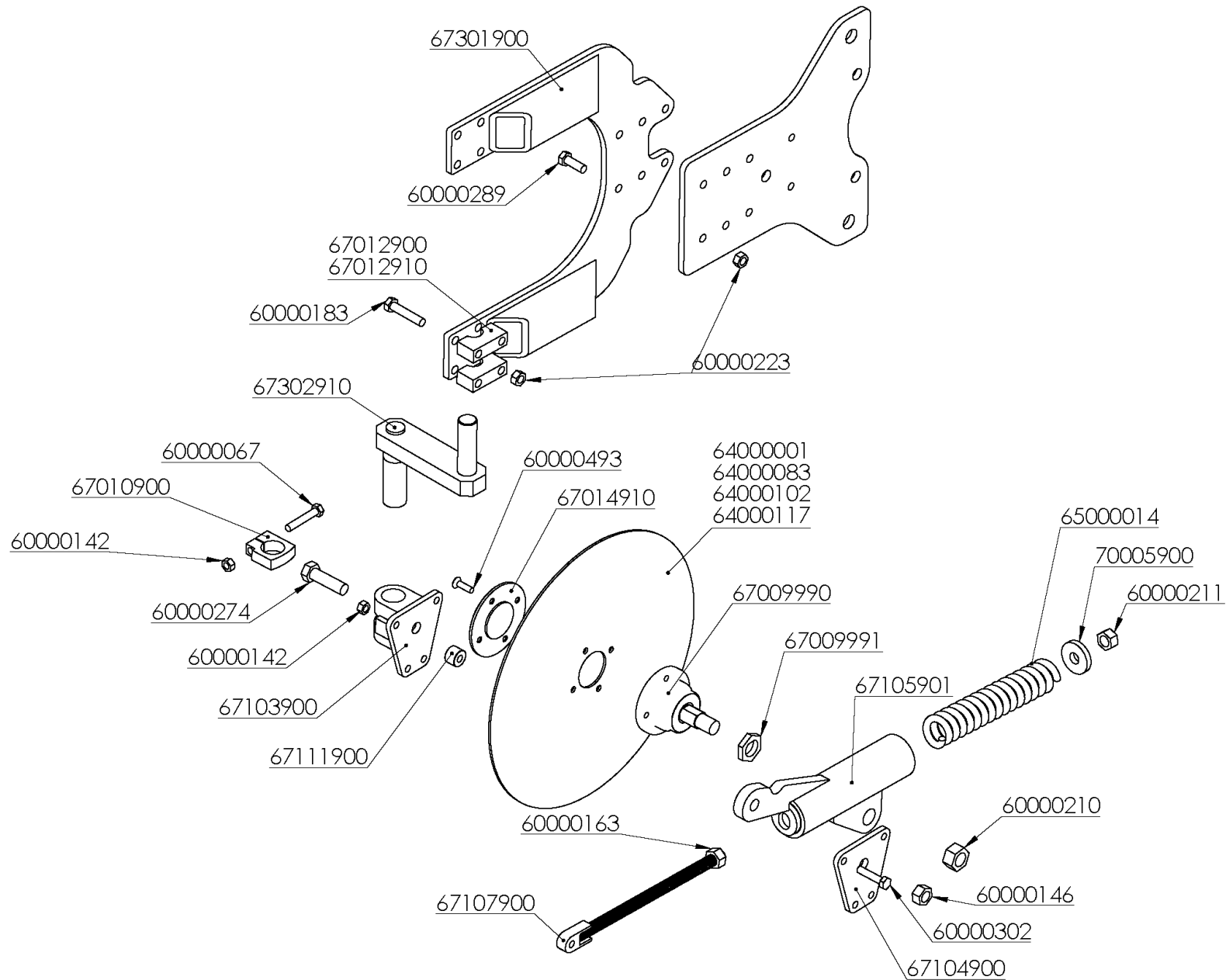


DISCS 20' XPF

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 60000210 | TUER.AUTO.DIN-985 1" SAE 8.8 ZN. |
| 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. |
| 60000458 | TORN.ARADO 2TET/934 14*55 10.9 ZINC. |
| 60000493 | TORN.ALLEN DIN-7991 10* 25 10.9 ZINC. |
| 64000001 | DISCO PLANO LISO ARADO 1983-18" 5mm.R-68 |
| 64000083 | DISCO PLANO MUESC.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 |
| 67013920 | SOP.GIRO DISCOS 20" RDA.AVZDA. |
| 67013921 | LLANTA CALZO DISCOS 20" RDA.AVZDA. |
| 67014910 | TAPA DISCOS (D/16) |
| 67015920 | BRAZO DISCOS 20" RDA.AVZD.D/76 |
| 67015930 | BRAZO DISCOS 20" RDA.AVZD.D/86 |
| 67311920 | SOP.DISCOS SFN RDA.AVANZADA |



DISCS NON-STOP 20' XPF

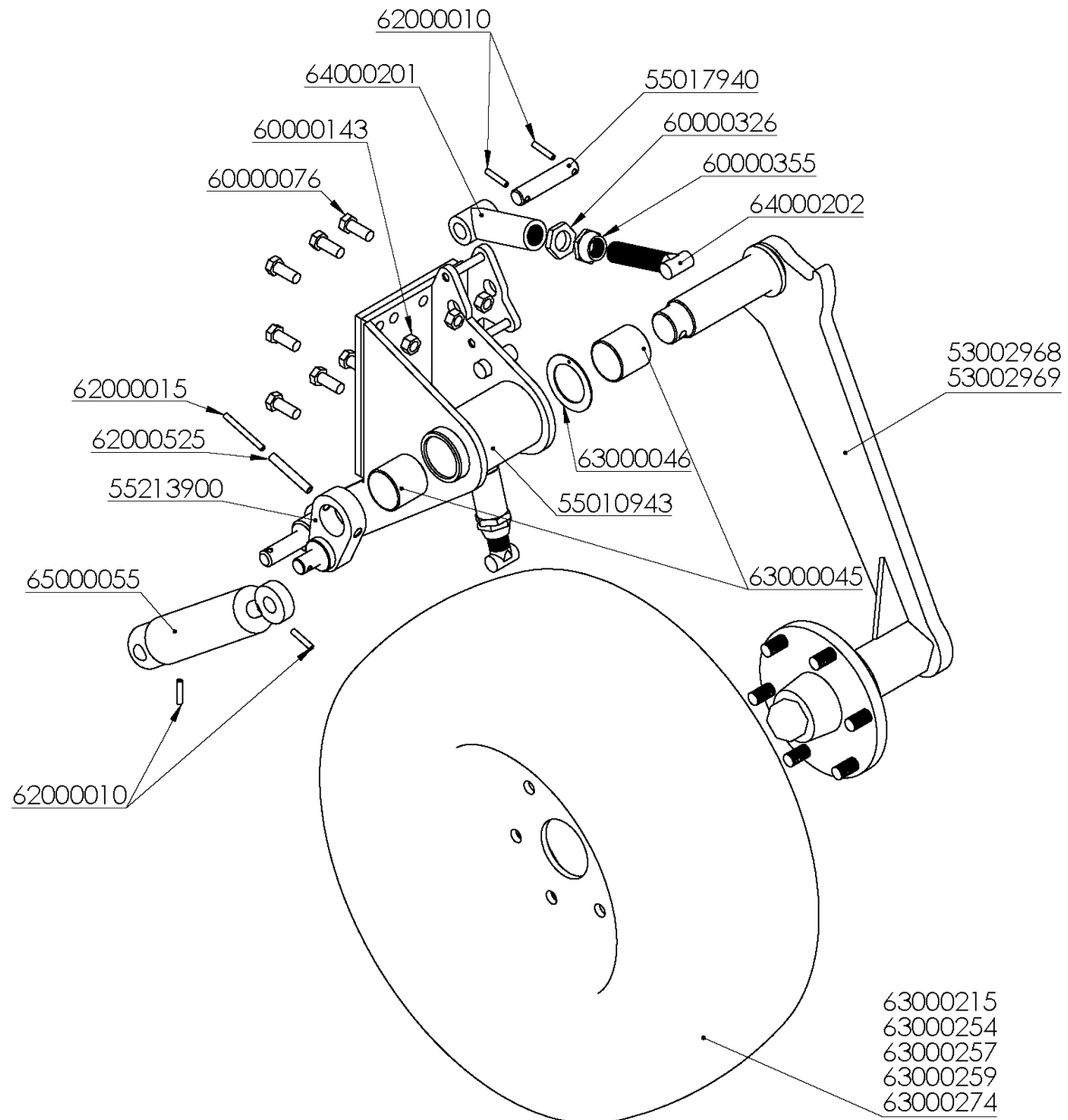


DISCS NON-STOP 20' XPF

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|--|------------|--|
| 6000067 | TORN.EXAG.DIN-931 12* 70 8.8 ZINC. | 6500014 | 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. CON SOBREGOLPE | 67009991 | ARANDELA FRENO BUJE DISCOS |
| 60000163 | TUER.EXAG.DIN-934 20 8.8 | 67010900 | ABRAZ.REGULACION ZINCADA |
| 60000183 | TORN.EXAG.DIN-931 14* 90 8.8 ZINC. | 67012900 | ABRAZ.PRISION ZINC. |
| 60000210 | TUER.AUTO.DIN-985 1" SAE 8.8 ZN. | 67012910 | ABRAZ.PRISION D=32 |
| 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 |
| 60000289 | TORN.EXAG.DIN-931 14* 40 12.9 ZINC. | 67105901 | BRAZO DISCOS NON-STOP (D/16) |
| 60000302 | TORN.EXAG.DIN-931 12* 55 8.8 | 67107900 | CORREDERA MUELLE DISCOS NON-STOP |
| 60000493 | TORN.ALLEN DIN-7991 10* 25 10.9 ZINC. | 67111900 | CASQ.D= 30/12,5*21mm.SEP.SOP.DISCOS NON-STOP |
| 64000001 | DISCO PLANO LISO ARADO 1983-18" 5mm.R-68 | 67301900 | BRAZO SOP.DISCOS 670mm. |
| 64000083 | DISCO PLANO MUESC.ARADO 1983-18" 5mm.R-68 | 67302910 | SEMI-MANIVELA LARGA |
| 64000102 | DISCO PLANO LISO ARADO 1983-20" 5mm.R-68 | 70005900 | ARAND.RFZO.D= 58*21 E-9,5mm. |
| 64000117 | DISCO PLANO MUESC.ARADO 1983-20" 5mm.R-68 | | |



CONTROL WHEEL



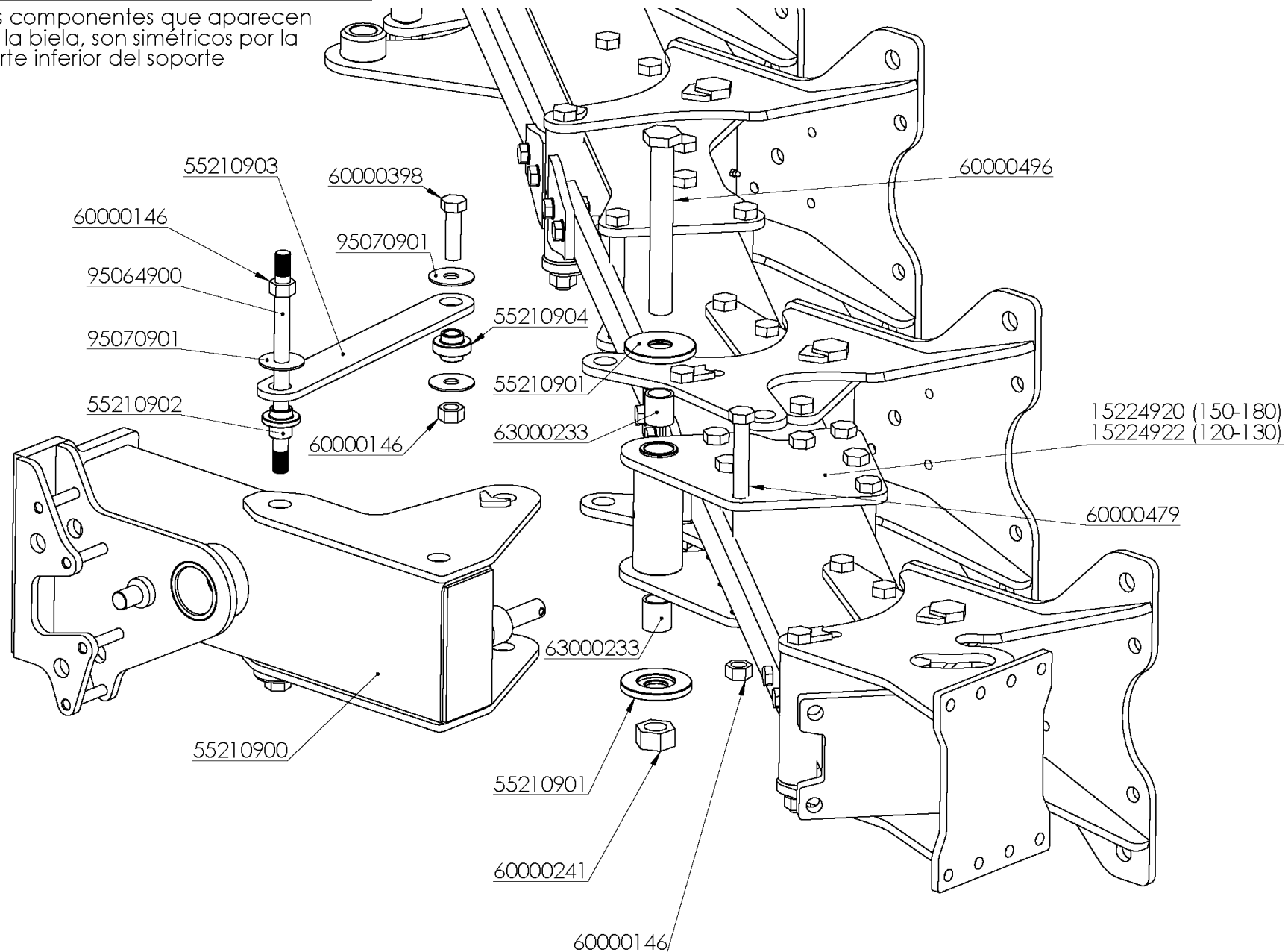
CONTROL WHEEL

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 53002968 | BRAZO RDA.NEUM CONTROL TRASERA-9 (340/55) |
| 53002969 | BRAZO RDA.NEUM CONTROL TRASERA-5/6/7 |
| 55010943 | SOP.RDA.CONTROL-9 (D/20) |
| 55017940 | BULON D=25*116mm.TOPE RDA.C/T |
| 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. |
| 60000326 | TUER.BAJA DIN-936 30/200 8.8 ZINC. |
| 60000355 | TUER.TOPE VOLTEO 30/200 8.8 ZINC. |
| 62000010 | PASADOR ELAST.DIN-1481 8* 40 ZINC. |
| 62000015 | PASADOR ELAST.DIN-1481 8* 80 ZINC. |
| 62000525 | PASADOR ELAST.DIN-1481 14* 80 |
| 63000045 | CASQ.FRICCION PAP 6060 P10 |
| 63000046 | DISCO FRICCION PAW 62 P10 |
| 63000215 | R.N.C/ATAQUE 320/60-12 132A8 421TT |
| 63000254 | R.N.C/ATAQUE 13.0/55-16" TL 18PR AW702 340/55-16" |
| 63000257 | R.N.C/ATAQUE 200/60*14,5"-10PR |
| 63000259 | R.N.C/ATAQUE 250/65*14,5"-12PR RAL-7047 |
| 63000274 | R.N.C/ATAQUE 280/70-16"-RADIAL 370-AGRISTAR |
| 64000201 | SOP.TOPE MOVIL RDA.C/T ZINC. |
| 64000202 | TOPE MOVIL RDA.C/T TRATADO + ZINC. |
| 65000055 | AMORTIGUADOR C/ROT. 25/60/142 |



ADVANCED WHEEL ASSEMBLY

Los componentes que aparecen en la biela, son simétricos por la parte inferior del soporte

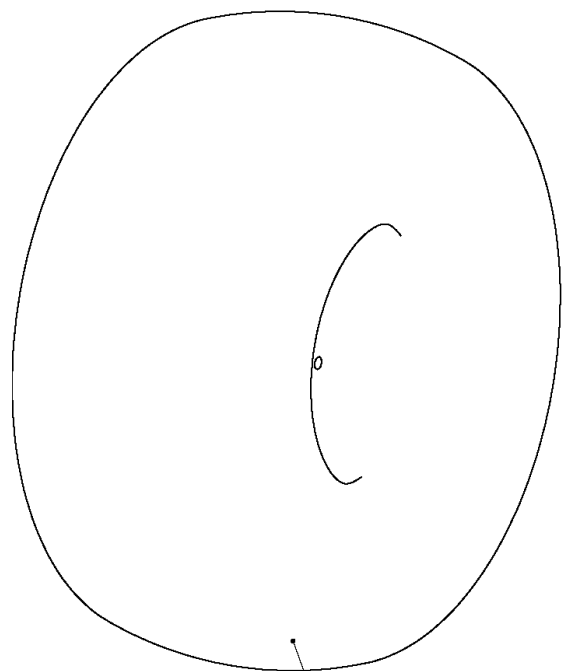


ADVANCED WHEEL ASSEMBLY

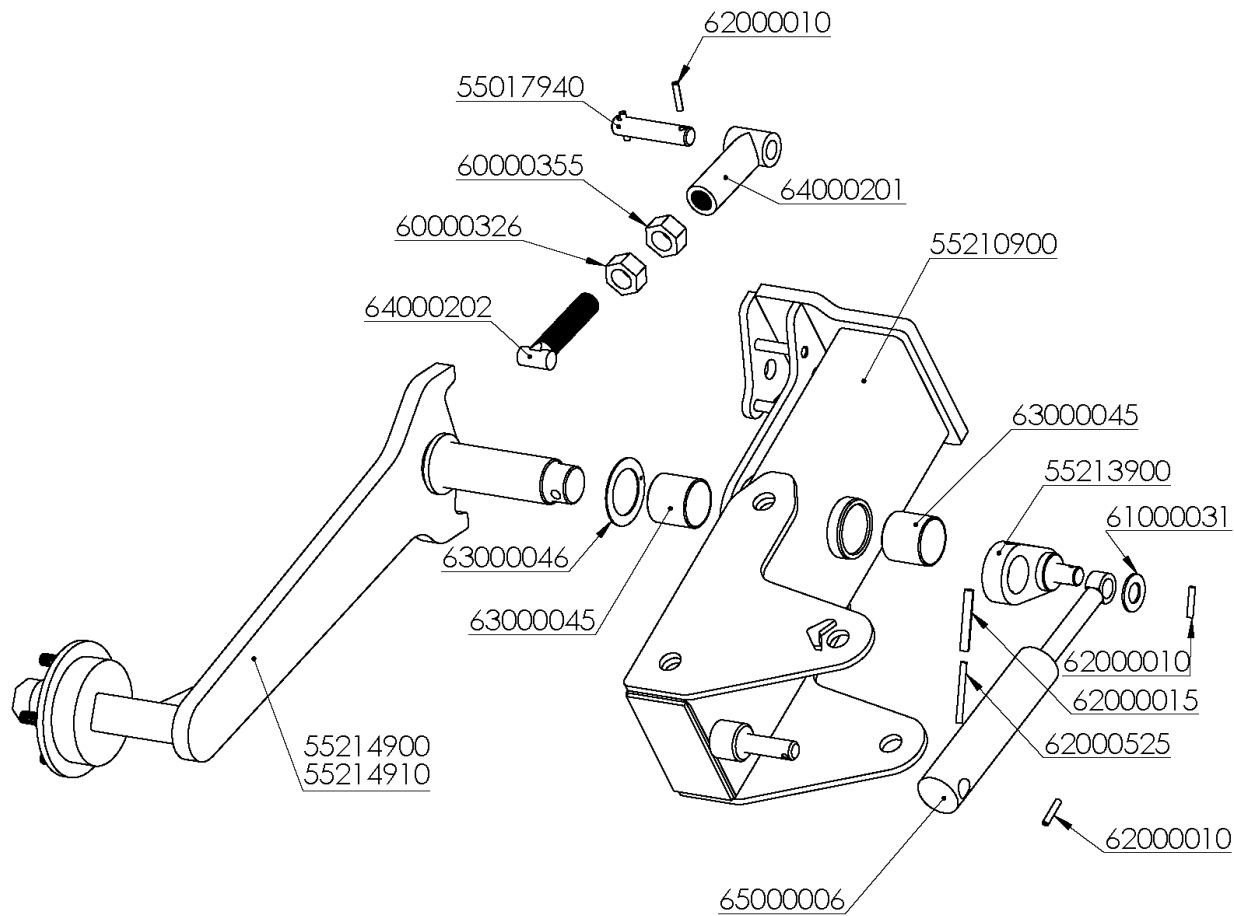
| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 15224920 | SOP.GIRO RDA.AVZD.150 |
| 15224922 | SOP.GIRO RDA.AVZD.XP-120/130 |
| 55210900 | SOP.RDA.AVZD.S (D/16) |
| 55210901 | ARAND.SOP.RDA AVZDA. (D/16) |
| 55210902 | CASQ.D= 29,7/20,5*39mm.RDA.AVZDA.(D/16) |
| 55210903 | BIELA SOP. RDA AVZDA. (D/16) |
| 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 |



ADVANCED CONTROL WHEEL



63000215
63000254
63000257
63000259
63000274

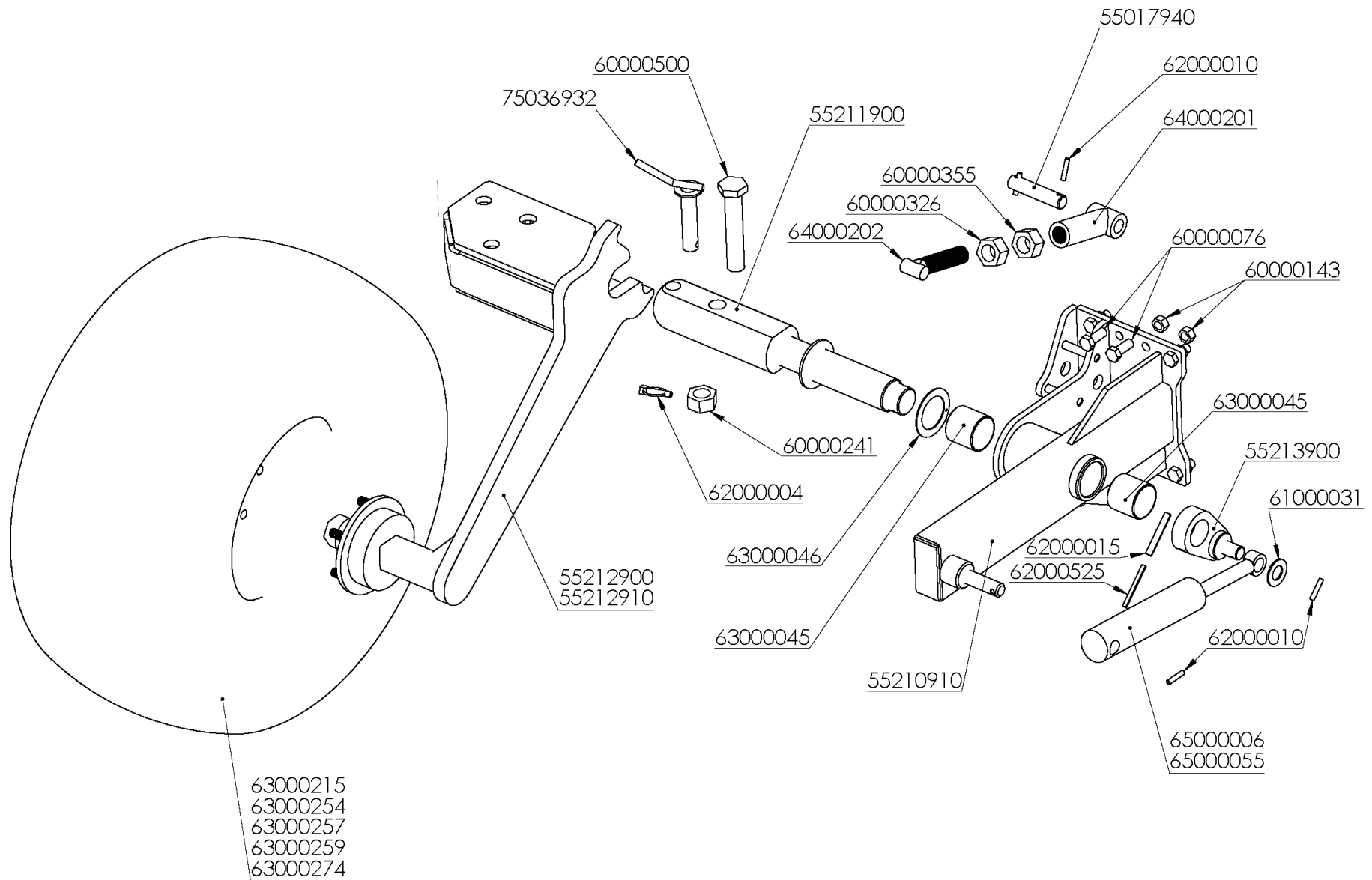


ADVANCED CONTROL WHEEL

| REFERENCIA | DESCRIPCIÓN |
|------------|---|
| 55017940 | BULON D=25*116mm.TOPE RDA.C/T |
| 55210900 | SOP.RDA.AVZD.XP (D/16) |
| 55213900 | EXCENTRICA RDA.C/T (D/16) |
| 55214900 | BRAZO RDA.CONTROL -5,6,7 (D/16) |
| 55214910 | BRAZO RDA.CONTROL AVZD.-9 (D/18) |
| 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. |
| 62000015 | PASADOR ELAST.DIN-1481 8* 80 ZINC. |
| 62000525 | PASADOR ELAST.DIN-1481 14* 80 |
| 63000045 | CASQ.FRICCION PAP 6060 P10 |
| 63000046 | DISCO FRICCION PAW 62 P10 |
| 63000215 | R.N.C/ATAQUE 320/60-12 132A8 421TT |
| 63000254 | R.N.C/ATAQUE 340/55-16" 13.0/55 TL 18PR AW702 |
| 63000257 | R.N.C/ATAQUE 200/60*14,5"-10PR |
| 63000259 | R.N.C/ATAQUE 250/65*14,5"-12PR RAL-7047 |
| 63000274 | R.N.C/ATAQUE 280/70-16"-RADIAL 370-AGRISTAR |
| 64000201 | SOP.TOPE MOVIL RDA.C/T ZINC. |
| 64000202 | TOPE MOVIL RDA.C/T TRATADO + ZINC. |
| 65000006 | AMORTIGUADOR C/ROT. 25/50/145 |



WHEEL "CT" TRANSPORT & CONTROL

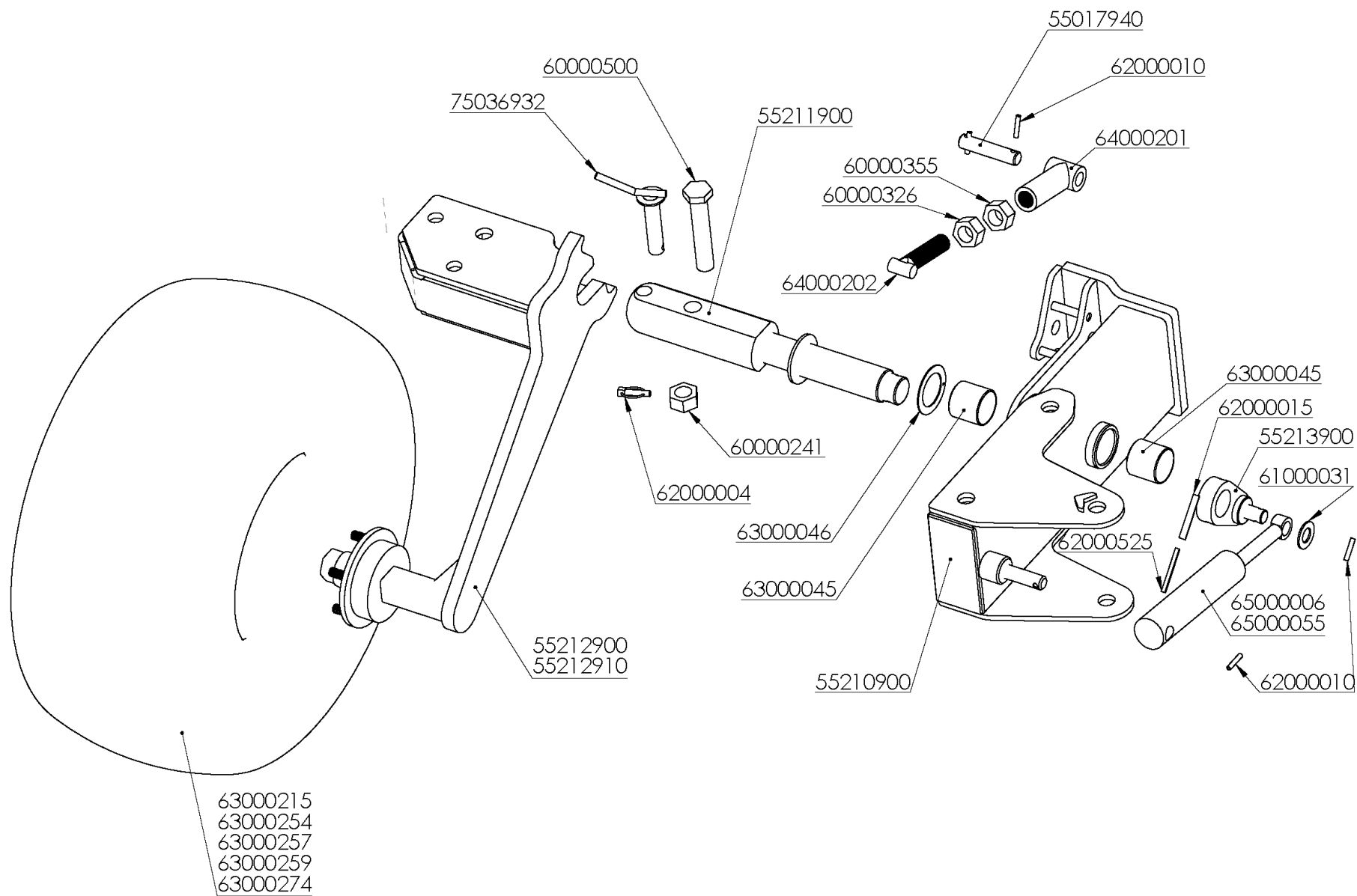


WHEEL "CT" TRANSPORT & CONTROL

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|--|------------|---|
| 55017940 | BULON D=25*116mm.TOPE RDA.C/T | 62000015 | PASADOR ELAST.DIN-1481 8* 80 ZINC. |
| 55210910 | SOP.RDA.C/T (D/16) | 62000525 | PASADOR ELAST.DIN-1481 14* 80 ZINC. |
| 55211900 | EJE RDA.C/T (D/16) | 63000045 | CASQ.FRICCION PAP 6060 P10 |
| 55212900 | BRAZO RDA.C/T AVZD. (D/16) | 63000046 | DISCO FRICCION PAW 62 P10 |
| 55212910 | BRAZO RDA.C/T AVZD.340/55-16 (9) XP (D/18) | 63000215 | R.N.C/ATAQUE 320/60-12 132A8 421TT |
| 55213900 | EXCENTRICA RDA.C/T (D/16) | 63000254 | R.N.C/ATAQUE 340/55-16" 13.0/55 TL 18PR AW702 |
| 60000076 | TORN.EXAG.DIN-933 16* 40 8.8 ZINC. | 63000257 | R.N.C/ATAQUE 200/60*14,5"-10PR |
| 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. | 63000259 | R.N.C/ATAQUE 250/65*14,5"-12PR RAL-7047 |
| 60000241 | TUER.AUTO.DIN-985 30/200 8.8 ZINC. | 63000274 | R.N.C/ATAQUE 280/70-16"-RADIAL 370-AGRISTAR |
| 60000326 | TUER.BAJA DIN-936 30/200 8.8 ZINC. | 64000201 | SOP.TOPE MOVIL RDA.C/T ZINC. |
| 60000355 | TUER.TOPE VOLTEO 30/200 8.8 ZINC. | 64000202 | TOPE MOVIL RDA.C/T TRATADO + ZINC. |
| 60000500 | TORN.EXAG.C/LARGA 30/200x135 12.9 (CAÑA 98mm.) | 65000006 | AMORTIGUADOR C/ROT. 25/50/145 |
| 61000031 | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3) | 65000055 | AMORTIGUADOR C/ROT. 25/60/142 |
| 62000004 | PASADOR ANILLA 10 ZINC. | 75036932 | BULON D=26,5*125mm.BRAZO VBC |
| 62000010 | PASADOR ELAST.DIN-1481 8* 40 ZINC. | | |



ADVANCED WHEEL

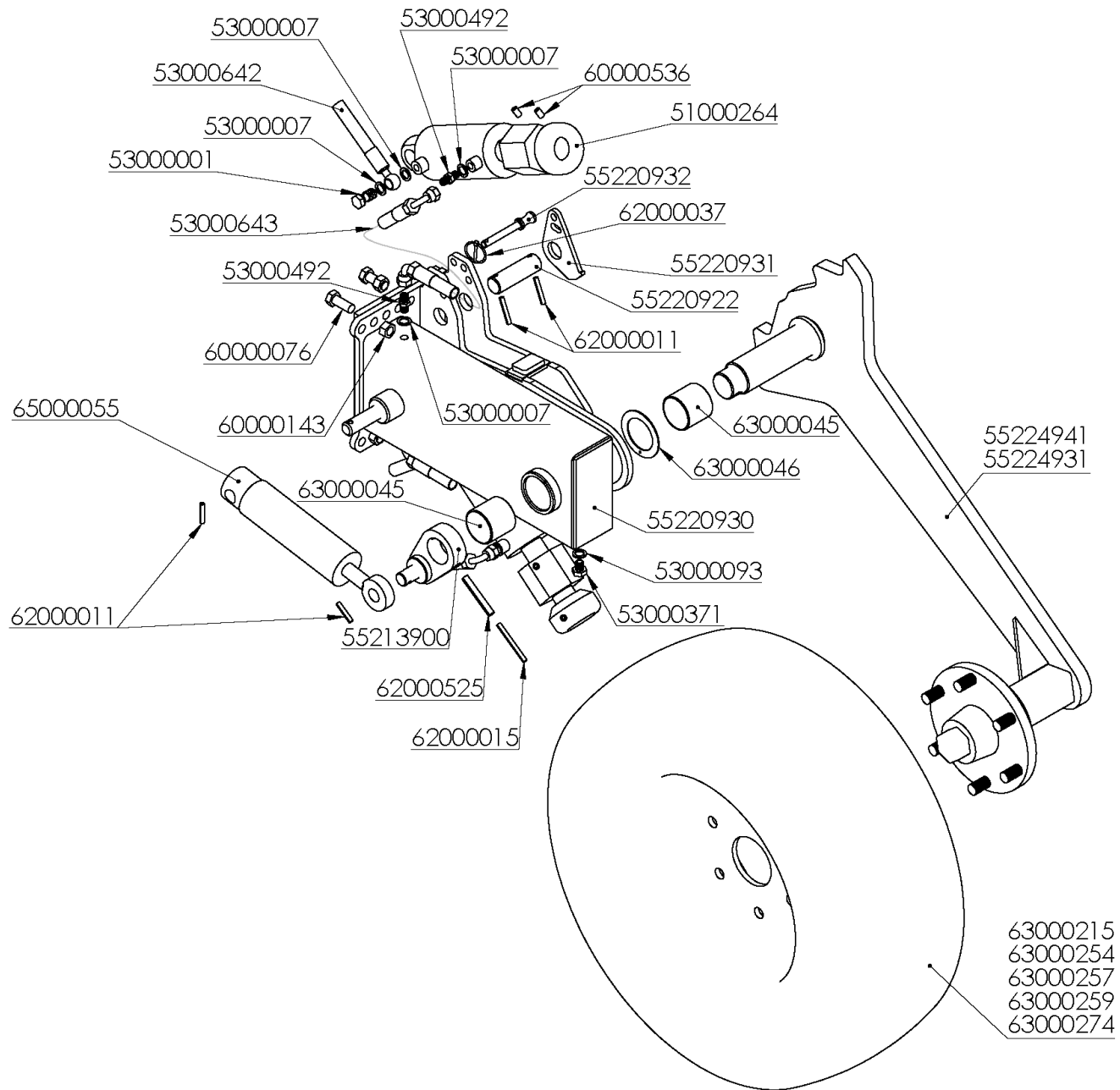


ADVANCED WHEEL

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|--|------------|---|
| 55017940 | BULON D=25*116mm.TOPE RDA.C/T | 62000015 | PASADOR ELAST.DIN-1481 8* 80 ZINC. |
| 55210900 | SOP.RDA.AVZD.S (D/16) | 62000525 | PASADOR ELAST.DIN-1481 14* 80 ZINC. |
| 55211900 | EJE RDA.C/T (D/16) | 63000045 | CASQ.FRICCION PAP 6060 P10 |
| 55212900 | BRAZO RDA.C/T AVZD. (D/16) | 63000046 | DISCO FRICCION PAW 62 P10 |
| 55212910 | BRAZO RDA.C/T AVZD.340/55-16 (9) XP (D/18) | 63000215 | R.N.C/ATAQUE 320/60-12 132A8 421TT |
| 55213900 | EXCENTRICA RDA.C/T (D/16) | 63000254 | R.N.C/ATAQUE 340/55-16" 13.0/55 TL 18PR AW702 |
| 60000076 | TORN.EXAG.DIN-933 16* 40 8.8 ZINC. | 63000257 | R.N.C/ATAQUE 200/60*14,5"-10PR |
| 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. | 63000259 | R.N.C/ATAQUE 250/65*14,5"-12PR RAL-7047 |
| 60000241 | TUER.AUTO.DIN-985 30/200 8.8 ZINC. | 63000274 | R.N.C/ATAQUE 280/70-16"-RADIAL 370-AGRISTAR |
| 60000326 | TUER.BAJA DIN-936 30/200 8.8 ZINC. | 64000201 | SOP.TOPE MOVIL RDA.C/T ZINC. |
| 60000355 | TUER.TOPE VOLTEO 30/200 8.8 ZINC. | 64000202 | TOPE MOVIL RDA.C/T TRATADO + ZINC. |
| 60000500 | TORN.EXAG.C/LARGA 30/200x135 12.9 (CAÑA 98mm.) | 65000006 | AMORTIGUADOR C/ROT. 25/50/145 |
| 61000031 | ARAND.STANDAR S/BISEL CL-26 ZINC.(50x27x3) | 65000055 | AMORTIGUADOR C/ROT. 25/60/142 |
| 62000004 | PASADOR ANILLA 10 ZINC. | 75036932 | BULON D=26,5*125mm.BRAZO VBC |
| 62000010 | PASADOR ELAST.DIN-1481 8* 40 ZINC. | | |



HYDRAULIC REAR CONTROL WHEEL

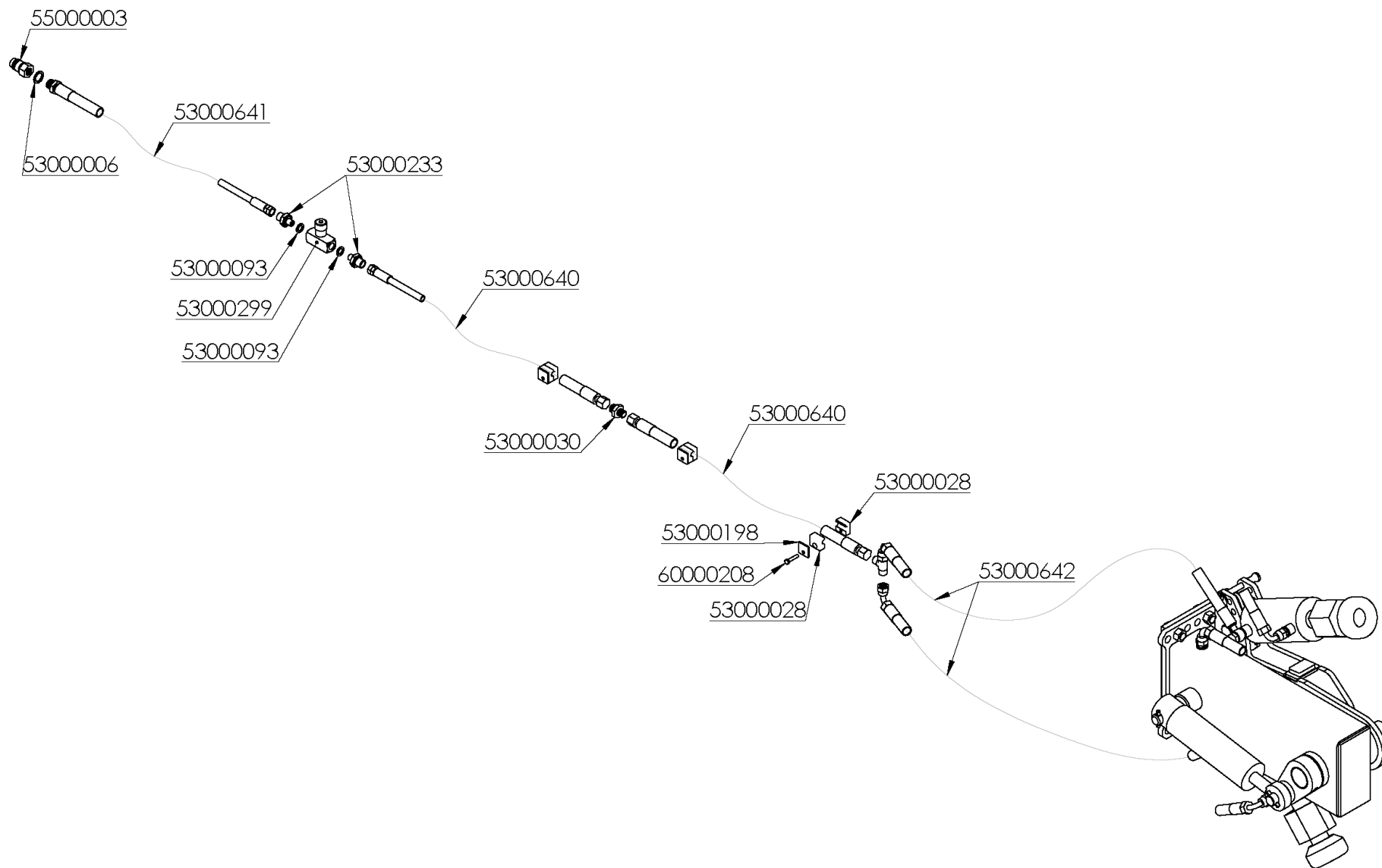


HYDRAULIC REAR CONTROL WHEEL

| REFERENCIA | DESCRIPCIÓN | REFERENCIA | DESCRIPCIÓN |
|------------|---|------------|---|
| 51000264 | CILIND.REG.RDA. 40/80/60 | 60000076 | TORN.EXAG.DIN-933 16* 40 8.8 ZINC. |
| 53000001 | TORNILLO SIMPLE 3/8 4022 | 60000143 | TUER.AUTO.DIN-980 16 8.8 ZINC. |
| 53000007 | JUNTA METAL/GOMA 3/8" 11602 | 60000536 | TORN.ALLEN DIN-913 10* 16 12.9 |
| 53000093 | JUNTA METAL GOMA 1/4 11601 | 62000011 | PASADOR ELAST.DIN-1481 8* 50 ZINC. |
| 53000371 | TAPON MACHO 1/4 S830-13 | 62000015 | PASADOR ELAST.DIN-1481 8* 80 ZINC. |
| 53000492 | UNION MACHO 1/4 | 62000037 | PASADOR ANILLA 4,5 ZINC. |
| 53000642 | LATIG.PREMIER-1/4 800mm.OR-3/8/CTL-18 | 62000525 | PASADOR ELAST.DIN-1481 14* 80 |
| 53000643 | LATIG.PREMIER-1/4*200mm.CTL-1/4/CTL-1/4 | 63000045 | CASQ.FRICCION PAP 6060 P10 |
| 55213900 | EXCENTRICA RDA.C/T (D/16) | 63000046 | DISCO FRICCION PAW 62 P10 |
| 55220922 | BULON D=32*104mm.CILIND.RDA.HID.DK | 63000215 | R.N.C/ATAQUE 320/60-12 132A8 421TT |
| 55220930 | SOP.RDA.HIDRÁULICA TRASERA DK-2P | 63000254 | R.N.C/ATAQUE 340/55-16" 13.0/55 TL 18PR AW702 |
| 55220931 | LEVA TOPE CILIND.RDA.HIDR.DK-2P | 63000257 | R.N.C/ATAQUE 200/60*14,5"-10PR |
| 55220932 | BULON LEVA RDA.HID.DK-2P | 63000259 | R.N.C/ATAQUE 250/65*14,5"-12PR RAL-7047 |
| 55224931 | BRAZO SIM.RDA.CONTROL HID.DK-2P | 63000274 | R.N.C/ATAQUE 280/70-16"-RADIAL 370-AGRISTAR |
| 55224941 | BRAZO SIM.RDA.CONTROL HID.(280/70) | 65000055 | AMORTIGUADOR C/ROT. 25/60/142 |



HYDRAULIC SYSTEM REAR CONTROL HYDRAULIC WHEEL



HYDRAULIC SYSTEM REAR CONTROL HYDRAULIC WHEEL

| REFERENCIA | DESCRIPCIÓN |
|------------|---------------------------------------|
| 53000006 | JUNTA METAL/GOMA 1/2" 11603 |
| 53000028 | ABRAZ.SIMPLE D=12mm. 112PP |
| 53000030 | UNION TUBO/TUBO 12mm. G12-L |
| 53000093 | JUNTA METAL GOMA 1/4 11601 |
| 53000198 | PLACA RFZO.AB.SIMPLE 12 DP1 |
| 53000233 | UNION MACHO BSP 12-1/4 GE12-L1/4 |
| 53000299 | REGULADOR CAUDAL POMO UNID.1/4 9F400S |
| 53000640 | LATIG.R7-04 930mm.TL-18/TL-18 |
| 53000641 | LATIG.R7-04 4350mm.TL-1/4 / /MF-1/2 |
| 53000642 | LATIG.PREMIER-1/4 800mm.OR-3/8/CTL-18 |
| 55000003 | ADAPTADOR E.R.FASTER 1/2" 30410108 |
| 60000208 | TORN.EXAG.DIN-933 6* 30 8.8 ZINC. |





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