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## WIFO - KONINGSPLANTER



## PRECISION PLANTER





Instruction manual and parts book

GB

# English

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Spare-parts drawings

# 1. To the user

## 1.1 Introduction

This manual gives information about the commencement of operation, use and maintenance of your newly purchased WIFO-KONINGSPLANTER. Also included in this manual are a number of safety instructions to create a safe working environment.

WIFO-Anema B.V. continuously aims to improve its products. WIFO-Anema B.V. reserves the right to introduce any changes and improvements deemed necessary without prior notice.


WIFO-Anema B.V. is not responsible for damage and indirect damage as a result of operation/control faults. Lack of skilled maintenance and any other use then described hereafter.

The responsibility of WIFO-Anema B.V. laps likewise as soon as a third person proceeds activities without our permission, such as adaptations or modifications on the machine or accessories.

Please read the manual thoroughly and observe the safety procedures before putting the machine into operation. Contact your dealer for any further questions or concerns you may have.

With your purchase of the WIFO-KONINGSPLANTER you have made a good choice. This is designed and manufactured with care. This investment will give you the best profit if you follow carefully the instructions for safety, use and maintenance.

We hope you will enjoy working with your WIFO-KONINGSPLANTER.

	<p><b>PLEASE NOTE:</b> <i>Carefully read this manual before you put the machine into operation and act upon all directions that are given. This is to guarantee its safe, trouble-free operation.</i></p>
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Keep this manual in a safe place for future reference!

WIFO-Anema B.V.


**Dealer:**


## 1.2 Safety precautions and warnings

Please read this manual before you put the machine into operation for the first time, and observe the safety instructions at all times. The most important instructions are marked with a symbol.


Any person in charge of the commencement of operation, the operation itself or the maintenance of the machine is urged to carefully read and observe the following instructions.

### 1.2.1 Safety precautions



	<p><b><i>The planter may only be operated by persons over 16 years of age.</i></b>  <i>Only after they have taken good notice of the instruction manual and after they have got from you a fully instruction about the operation and the safety regulations.</i></p>
	<p><b><i>If the hopper has to be filled by hand then the filling must be done from the side(s) because of the sharp covering-discs at the rear.</i></b></p>
	<p><b><i>Keep your hands from the vibrating mechanism and the drive of this mechanism.</i></b></p>
	<p><b><i>Keep your hands from the distribution system and the drive of this mechanism.</i></b></p>
	<p><b><i>Keep your hands and feet from the supporting legs and wheels.</i></b></p>
	<p><b><i>Take care that after the maintenance all protecting covers are fitted again before you start working with the machine.</i></b></p>
	<p><b><i>The hydraulic system works on high pressure, 180 bar. Check frequently the hydraulic hoses and couplings. Before working on the system the pressure must have been taken off. A high-pressure jet penetrates easily through clothes and skin and causes heavy injuries as well as the risk of bloodpoisoning.</i></b></p>
	<p><b><i>Take care of the right tyre pressure, only then your machine will have an optimal grip on the soil.</i></b></p>
	<p><b><i>Connecting the planter:</i></b></p> <ul style="list-style-type: none"> <li>• <i>Stop the motor of the tractor</i></li> <li>• <i>Put the brakes on</i></li> <li>• <i>Check if the p.t.o. is disconnected</i></li> <li>• <i>In case of tenon and mortise joint, take care that the safety pins are fitted</i></li> </ul>



	<p><b>Control of tractor and planter. Adjust while running the combination –tractor and planter- your speed to the circumstances. Be sure that you have the combination under control all the time.</b></p> <ul style="list-style-type: none"> <li>• Reduce speed on rough ground and in sharp turns</li> <li>• Transport only loads you can control</li> <li>• Drive careful, especially backwards</li> </ul>
	<p><b>Avoid dangerous situations. Check regularly on loosened bolts and nuts.</b></p>
	<p><b>The user himself provides the bounds of   safety work   with the tractor/planter combination. Do not take risks. Beware of rough ground, ditchedges, etc.</b></p>



### 1.2.2 Safety stickers and warning signs

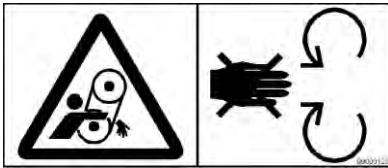
	<p><b>A safe working environment also requires personnel to be well-informed about the various safety stickers on the machine. Be aware of the hazards they warn you to look out for.</b></p> <p><b>Replace any loose, illegible or missing stickers.</b></p>
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Several safety stickers have been put onto the machine. The meaning of the stickers on the machine is as follows:

 	<p><b>Attention:</b></p> <p><i>Read carefully the instruction manual of the planter, so you will know exactly what the adjustments and handles are all about.</i></p>
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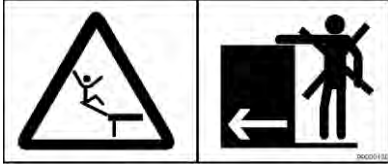
 	<p><b>N.B.:</b></p> <p><b>Stop de motor and obstruct re-start while working on the planter.</b></p> <p><i>You prevent dangerous situations, which occur if machine suddenly starts running. Think also on re-starting by a co-incident or accident if the motor keeps running.</i></p>
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 	<p><b>N.B.:</b></p> <p><b>Keep distance from turning parts by operation of the 3-point linkage.</b></p> <p><i>Between the tractor and the planter you run the risk of being jammed in. So operate the 3-point linkage only from the tractor-seat or from the reach of turning parts.</i></p>
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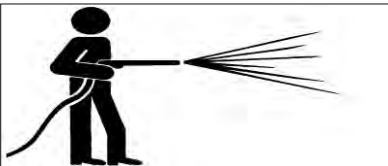
**Attention:**

Keep distance from the turning chain and excenter bar. Be sure the protecting covers are fitted.



**Attention:**

"Passengers" are **NOT** allowed to drive along with the planter.  
Keep at least 5 meters of distance between you and a operating planting machine.



**Attention:**

Do not spray on electrical parts.

### 1.3 Purpose of use

The planter has been specially designed for planting onions, garlic and small potatoes to ca. 30 mm.

Due the variation in form and size of the seed you need to check after about 20 meters.:

- The number of sets per - at least - 5 meter
- The planting depth



***Only use original replacement parts and accessories for the WIFO-KONINGSPLANTER.***

#### Options:

- Discs instead off scrapers
- Counting/control unit to count the number of planted seed, the hectares and hours

**Do not use the planter for carrying people under any circumstances!**



## 1.4 Embodiment

The planter is provided with a unique system which is capable of doing:

- A great diversity of all kind of union sets
- Minitubers up to a size of 30 mm

The planter is special because:

- A regular planting interval can be obtained even at high speed
- Compact dimensions and low weight

### 1.4.1 Design and operation

The patented planting system is unique and offers a precisely regulated supply of product with even distribution in rows.

The bulbs or sets to be planted are, via small belts, conveyed to the planting shares and any product that falls from the belts is returned, via vibrating plates, to the supply line.

The planting belts are driven, via roller chains and a gear wheels, by the wheels of the planter, whereas the vibrating plates are driven by a hydraulic motor and from the tractor hydraulics.

The planter has a choice of 40 speeds, achieved by changing the chain wheels of the various sizes and by interchanging the gear wheels in the main drive from the wheels.

## 1.5 Liability

Any person working with or on the machine must have read this manual. The machine is to be used for its intended purpose only. Included in the intended purpose are, among other things:

1. Work must be carried out in accordance with the directions and within the functional restrictions (e.g. maximum hydraulic working pressure) as outlined in the regulations. Use only sound and appropriate tools.
2. Electric/electronic equipment and accessories (e.g. cables) must be treated in accordance with the general accepted policy for using non-waterproof portable electric and electronic equipment, such as:
  - a) Storing and keeping in a clean, dry environment away from rodents and the like; and
  - b) Protecting the equipment against severe, uncushioned shocks and water (precipitation).
3. Use only original or compatible spare parts. Such parts must be assembled as directed (e.g. by observing the recommended tightening moments). Spare parts (as well as lubricants) are considered compatible only if explicitly approved by WIFO or in the event that the customer is able to prove they possess the required properties for the purpose(s) they are used.
4. Use only lubricants that meet the specifications as described in the directions.
5. Always observe the local regulations in terms of accident prevention, safety, traffic and transport.
6. Only trained personnel with knowledge of the possible hazards have permission to work with/on the machine.
7. WIFO-Anema B.V. will assume no liability in any shape or form for losses or damage caused following modifications to the machine, which have not been explicitly approved by WIFO.



***Noncompliance with the rules and directions from this manual will be considered as serious negligence, for the consequences of which WIFO-Anema B.V. accepts no liability whatsoever. In such cases, the user will bear the full risk of his actions.***

***WIFO-Anema B.V. is continuously working on the improvement of its products. For that reason, WIFO-Anema B.V. reserves the right to introduce any changes and improvements deemed necessary without prior notice. However, it does not imply an obligation to make any such changes or improvements to machines bought by customers in the past.***

## 1.6 Warranty

WIFO-Anema B.V. guarantees the soundness of its products in terms of materials used and/or structural defects. However, in any event this warranty is limited to the free-of-charge replacement or repairs of the defect product, or part thereof. WIFO-Anema B.V. assumes no liability for any loss or damage arising from faulty deliveries and/or the breakdown of purchased goods before the warranty period has expired. **The warranty period for this product is twelve months.**

## 2. Technical data

### 2.1 General technical data

Model	Rowdist. ± cm	Wheeltrack m	Hopper ltr	LxBxH m	Weight kg
Precision planter 4 row	≤ 30 cm	1,5 m	1250 L	2,35x1,85x1,85	550
Precision planter 5 row	≥ 25 cm	1,5 m	1250 L	2,35x1,85x1,85	600
Precision planter 5 row	≤ 30 cm	1,8 m	1400 L	2,35x2,15x1,85	650
Precision planter 6 row	≥ 25 cm	1,8 m	1475 L	2,35x2,15x1,85	700

Table 2.1.1-Variou models of the WIFO-KONINGSPLANTER precision planter

Tire pressure 3,75 Bar.

Hydraulic: Minimum availability 10 liters/hour.

### 3. Operation and starting up

1. Make sure the machine is set exactly in the middle of the tractor and running horizontally i.e. adjust check chains and top link accordingly.
2. Adjust the machine frame as low as possible to minimize the drop.  
You can do this with the adjustment holes in the frame at the front of the wheel arms.

Make sure it is not too low that the machine stands on the openers instead of the wheels if it is on a hard bottom.

3. Adjust the planting depth on the side of the openers by changing the difference between the bottom of the opener and the press wheel.
4. Adjust scrapers or disks to cover the sets the way you want.
5. To set control the depth of the opening coulters and discoverers, have a trial run on some bare land with the machine empty.
6. Close the regulator gates and fill the hopper.
7. The system of regulating the flow of the sets consists of a combination of narrow conveyor belts and vibrating plates.
8. Open the feed gate at the bottom of the hopper and put pressure on the hydraulic motor and then turn the drive wheel by hand.
9. Adjust the vertical vibrating plates so that at the end of the belt the sets are positioned in one single row behind each other.
10. The conveyor belts transport the sets to the opening coulters where as the vibrating plate's return any excess back into the main flow of product.
11. The vibrating is achieved by an eccentric axle driven by a hydraulic motor, the conveyor belts are all land wheel driven.
12. Therefore the forward speed of the tractor is not critical and does not effect the rate of sets per acre.
13. The amount of sets flowing from the hopper is regulated by a feed gate, which should be opened to allow no more than 1/3 of the vibrating plates covered with material at any time.
14. The seed rate is adjustable by moving and changing chain and gear wheels.
15. This controls the speed at which the delivery belts travel.

16. On the chart, in this book and on the machine, this is measured by how many centimetres the belts travel for every metre of forward motion.
17. If for instance 15 tubers per meter must be planted than you have to measure the length on the belt which is covered by a row of 15 tubers.  
  
If this is 20cm than you have to find the gear in the chart which is the nearest.  
  
This is 20,2 in this example.  
  
For this gear the gearwheels 35 and 20 must be used and the 35 teeth has to be the driver.  
  
From the chain wheels the nr.3 and B must be used and the nr.3 must be the driver.
18. Because planting material never has the exact same shape and size there can be a difference in the planting distance.
19. Drive at least 10 meters with the machine and check if the right number has been planted per meter and if necessary change the gears.  
  
Repeat this until the machine plants at the right distance.
20. The planting distance varies with the size and form of planting material.
21. This means you have to change gears if you change size or variety.
22. The machine can be used with material from 8 up to 30 mm size with a driving speed up to 7 km/hour.



## **4. Use of the machine**

Be sure that you are familiar with your planter and the control and adjustments.

Be sure that you or the driver of the tractor/planter combination have read the safety regulations of the tractor and planter.

Maintain the planter regularly and put up the machine after the planting season in a dry shed.

Start slowly until you are familiar with the machine, avoid high speed in turns and on uneven ground.


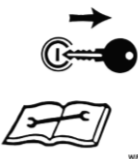
Keep the machine clean, remove piling-ups regularly. Before cleaning stop engine and take out the ignition key.

### **4.1 Transport**

For transport over public roads the local regulations and regulations from the transport regulations and the Highway Code have to be respected, such as lighting, retro reflectors, warning triangle, etc.

**Use the planter only after you have read up the antecedent pages and no questions remain.**

## 5. Maintenance and faults

 	<p><b>NB:</b>  <i>Please read the instructions from the manual prior to any maintenance to the machine!</i>  <i>Turn off the engine and remove the key from the ignition for the time maintenance on the machine is carried out!</i></p>
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- D = Daily
- O = Oil
- V = Grease
- W = Weekly

### 5.1 Grease schedule

		o/v	d/hours
1	Coupling and sliding parts		W
2	Sliding and vibrating parts of the baffle plates		D
3	Check on loosened bolts and nuts	-	W
4	Check chain/gear wheels	-	100
5	Check/clean/lubricate drive chains	V	10

Table 5.1.1-Grease schedule WIFO-KONINGSPLANTER precision planter

### 5.2 Tires

The planter is fitted with profiled tires to get an optimal grip, a correct track in the preformed beds and a minimum pressure on the soil.

Check the pressure regularly.

The optimal tire pressure is 3,75 Atm.

Check the tires regularly on damage.

### 5.3 Troubleshooting

Precision planter	Problem	Solution
All models.	Planting amount incorrect	Change gears
	Belt slips	Adjust/renew
	Vibrating plates do not work good	Renew nylon vibrating blocks
	Plant depth not correct	Adjust the furrowers
	Incorrect covering of the seed	Adjust discs or press rolls and scrapers

Table 5.3.1-Troubleshooting



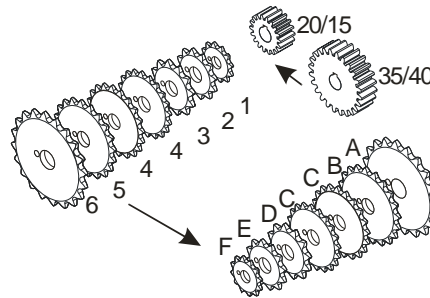
*Please contact your dealer for any further concerns you may have. He will be pleased to assist.*



## 5.4 Adjustment delivery belts

Adjustments for the speed of the delivery belts:

Measurements are in cm. of belt travel in respect to 1 meter of forward travel by the planter.



CM. / M.		
	35 ← 20	40 ← 15
A ← 1	4,7	3,1
A ← 2	5,2	3,4
B ← 2	6,1	4
B ← 3	6,6	4,3
C ← 3	7,3	4,8
C ← 4	8,2	5,4
D ← 4	9,4	6,1
D ← 5	10,3	6,8
E ← 5	11,1	7,3
E ← 6	13,1	8,6
F ← 6	14,5	9,5

CM. / M.		
	20 ← 35	15 ← 40
A ← 1	14,3	21,8
A ← 2	15,9	24,2
B ← 2	18,7	28,5
B ← 3	20,2	30,8
C ← 3	22,2	33,8
C ← 4	25,2	38,5
D ← 4	28,7	43,7
D ← 5	31,5	48,1
E ← 5	34,1	51,9
E ← 6	40,1	61,1
F ← 6	44,5	67,9

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**EG-VERKLARING VAN OVEREENSTEMMING VOOR MACHINES**  
**EC-DECLARATION OF CONFORMITY FOR MACHINERY**  
**EG-MASCHINENÜBEREINSTIMMUNGSERKLÄRUNG**  
**DÉCLARATION DE CONFORMITÉ “CE” POUR MACHINES**

Fabrikant/Manufacturer/Fabrikant/Fabricant:

**WIFO-Anema B.V.**

Adres/Address/Adresse/Adresse:

**Hegebeintumerdyk 37**  
**9172 GP Ferwert**  
**The Netherlands**

Verklaart hiermede dat /Herwith declares that/Erklärt hiermit, daß/Déclare ci-après que

Serienummer/Serial number/Serienummer/Numéro de série:

Uitvoering/Model/Ausführung/Modèle:

- Voldoet aan de bepalingen van de Machinerichtlijn (Richtlijn 2006/42/EG, zoals laatstelijk gewijzigd) en de nationale wetgeving ter uitvoering van deze richtlijn;
- Is in conformity with the provisions of the Machine Directive (Directive 2006/43/EC, as amended) and with national implementing legislation;
- Konform ist min den einschlägigen Bestimmungen der EG-Maschinerichtlinie (EG-Richtlinie 2006/42/EG), inclusive deren Änderunge, sowie mit dem entsprechenden Rechtserlaß zur Umsetzung der Richtlinie in nationales Recht;
- Est conforme aux dispositions de la Directive “Machines” (Directive 2006/42/EC telle que dernièrement modifiée) et la législation nationale adoptée en application de ladite directive.

Ferwert, January 2015



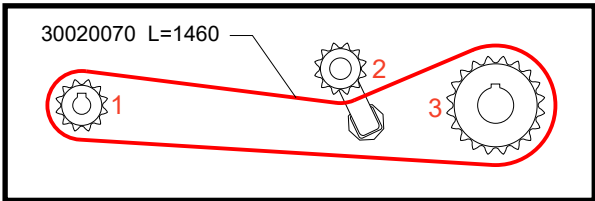
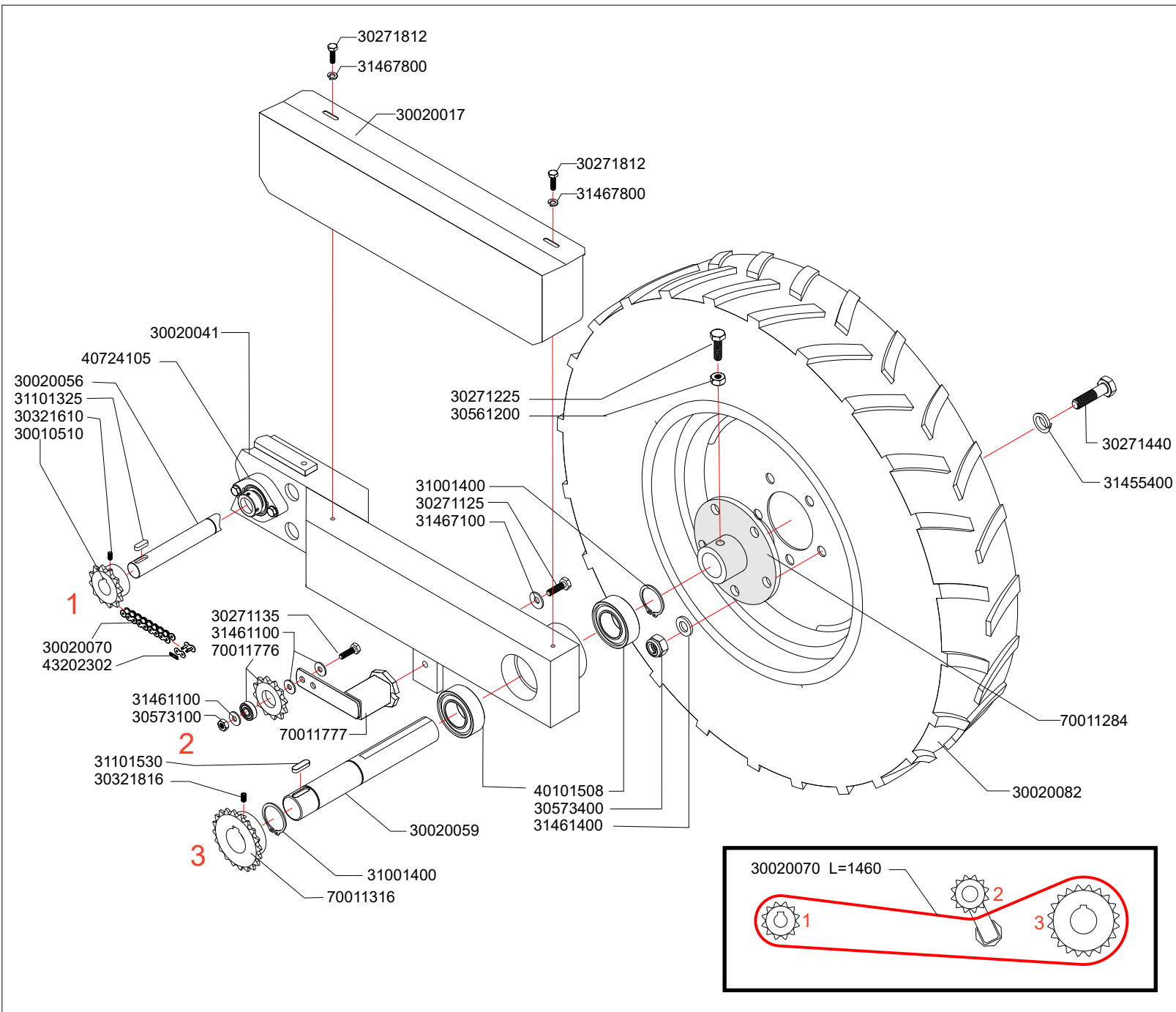
Wytze Anema  
(Director)

Geldig vanaf ... tot 2010-12-31  
Valid from ... until 2010-12-31  
Gültig von ... zu 2010-12-31



Bestelnummer  
 Ordernumber  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30020056
- 30020059
- 30020070 L= 1460
- 30020082
- 30271125 Tapb.M10x25 verz
- 30271135 Tapb.M10x35 verz
- 30271225 Tapb.M12x25 verz
- 30271440 Tapb.M16x40 verz
- 30321610 Stelschr.bzk M6x10 verz
- 30321816 Stelschr.bzk M8x16 verz
- 30561200 Zesk.m M12 verz
- 30573100 Zb zesk.m. M10
- 30573400 Zesk.m. M16 verz
- 31001400 Zekeringsring A 40
- 31101325 VI.inlegsp.8x7x25
- 31101530 VI.inlegsp.12x8x30
- 31455400 Conisch.veerr. M16 verz
- 31461100 VI.sl.ring Ø10.5 verz
- 31461400 VI.sl.ring Ø17 verz
- 31467100 Veerring M10
- 40101508 Lgr 6208 LLU 2RSØ40\*80\*18
- 40724105 Lgr FLCTE 25
- 43202302 Sluitschakel ½" nikk pl
- 70011284
- 70011316
- 70011776
- 70011777



# 301-2

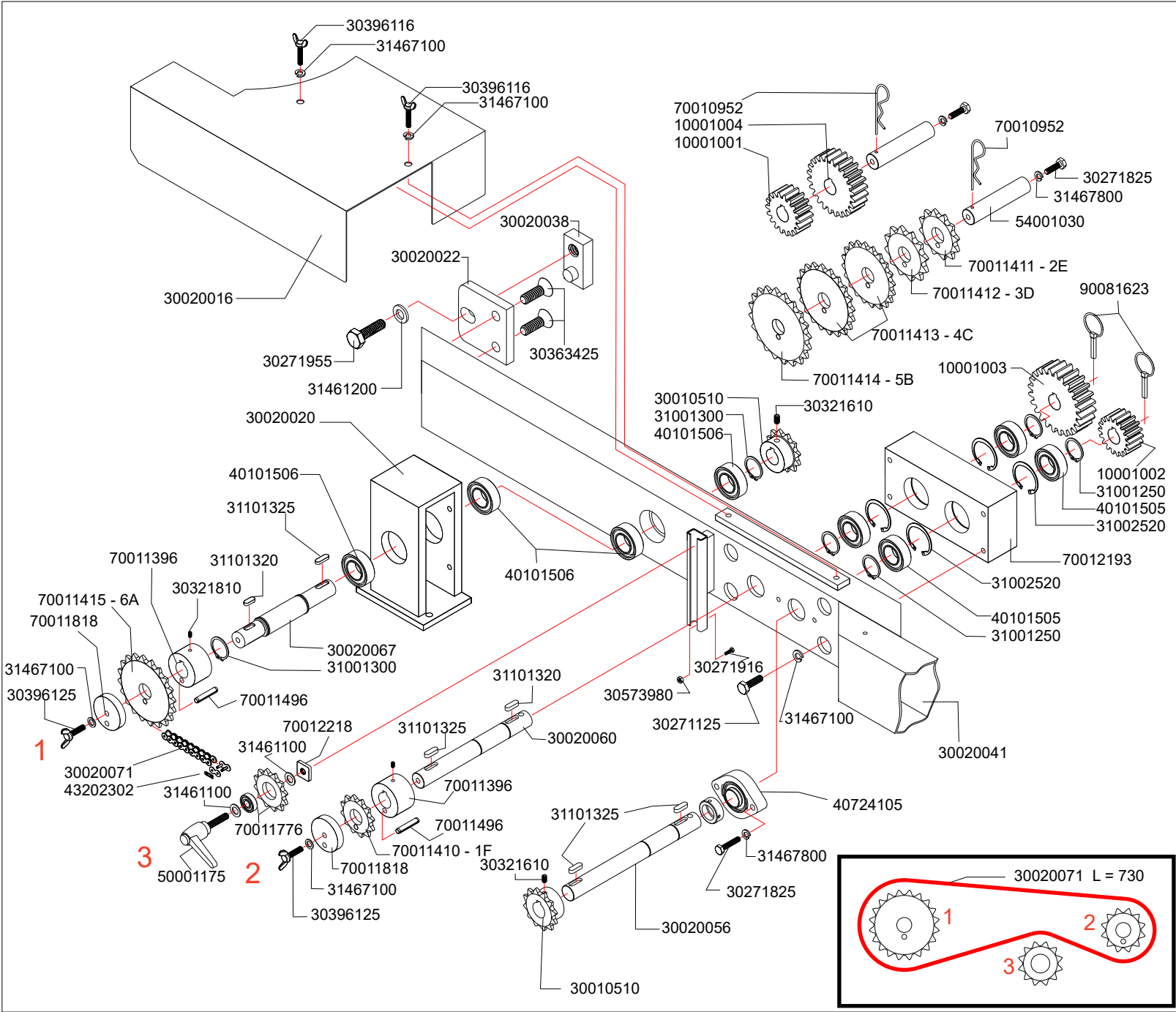
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vanaf jjjj-mm-dd tot 2010-12-31  
 from jjjj-mm-dd until 2010-12-31  
 von jjjj-mm-dd zu 2010-12-31



Bestelnummer      Bestellnummer  
 Ordernummer      Numero de Pedido  
 Num.à Commander

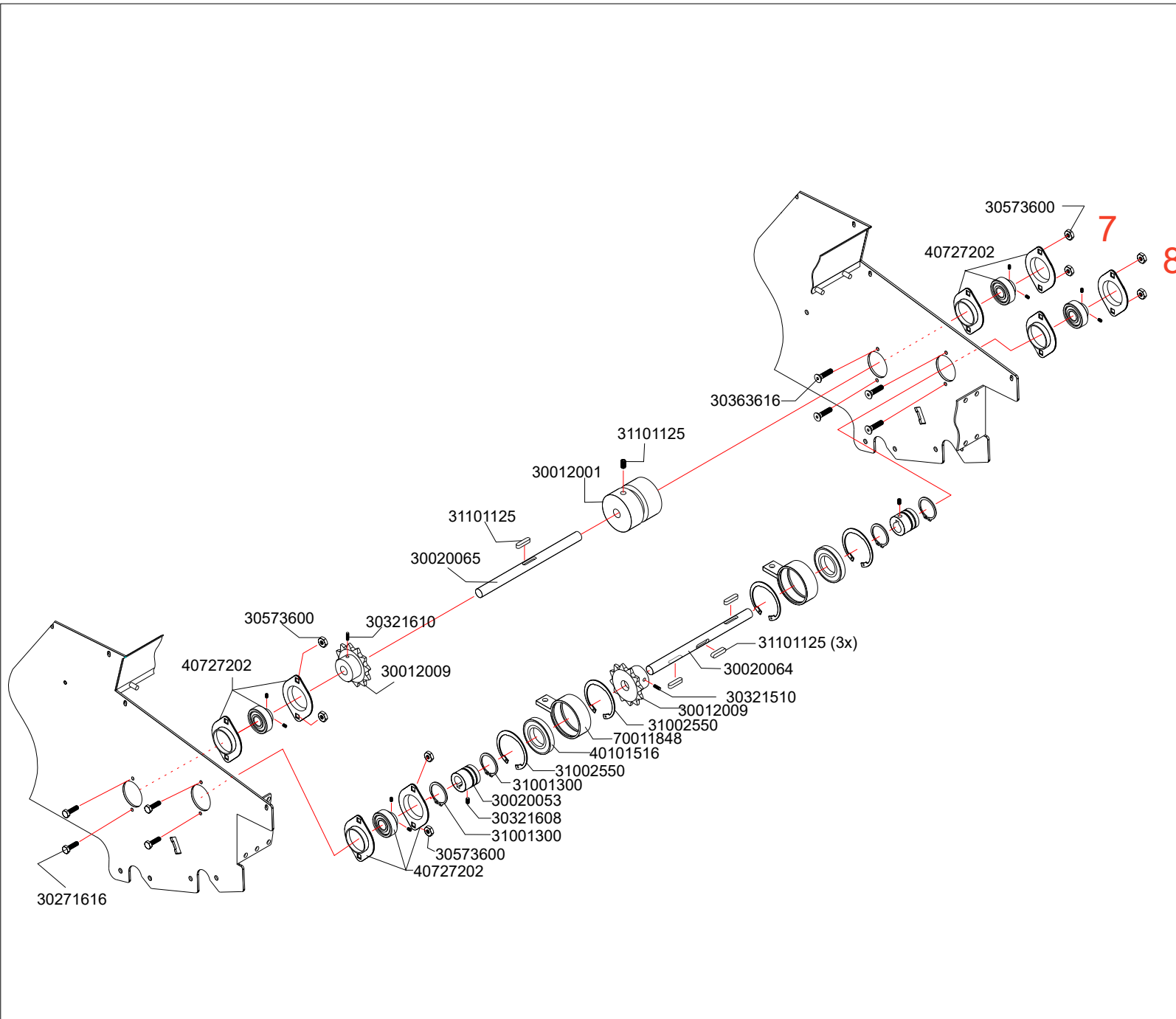
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- 30020041
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- 30020060
- 30020067
- 30020071      L = 730
- 30271125      Tapb. M10x25 verz
- 30271825      Tapb. M8x25 verz
- 30271916      Tapb. M4x16 verz
- 30271955      Tapb. M20x55 verz
- 30321610      Stelschr. Bzk M6x10 verz
- 30321810      Stelschr.bzk M8x10 verz
- 30363425      Verzk kopschr. Bzk M16x25
- 30396125      Vleugelschr. Mx10x25
- 30573980      Zelfb.zkm M4
- 31001250      Zekeringsring A25
- 31001300      Zekeringsring A30
- 31002520      Zekeringsring I 52
- 31101320      Vl. Inlegsple 7x8x20
- 31101325      Vl. Inlegsple 8x7x25
- 31461100      Vl.sluitr.Ø10.5 verz
- 31461200      Vl.sluitr.Ø21 verz
- 31467100      Veerring M10 verz
- 31467800      Veerring M8 verz
- 40101505      Lgr 6205 2RS Ø25\*52\*15
- 40101506      Lgr 6206 2RS Ø30\*62\*16
- 40724105      Lgr FLCTE 25
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- 50001175
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- 70010952
- 70011396
- 70011410      1-F
- 70011411      2-E
- 70011412      3-D
- 70011413      4-C
- 70011414      5-B
- 70011415      6-A
- 70011496
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- 70012218
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 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

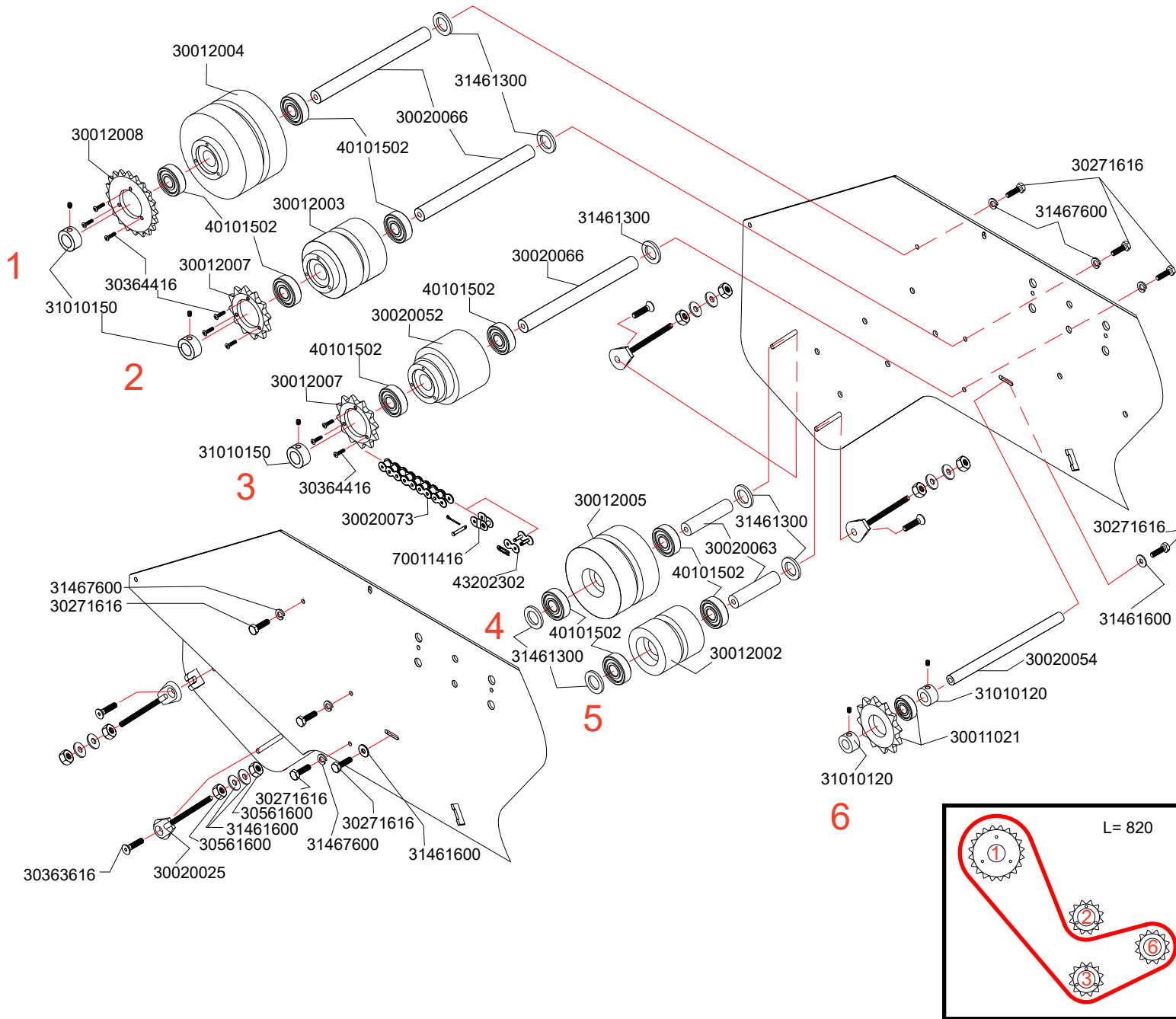
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- 30363616 Verz.kopschr.bzk M6x16
- 30573600 Zelfb.zkmoer M6
- 31001300 Zekeringsring A30
- 31002550 Zekeringsring I 55
- 31101125 VI inlegsple 5x5x25
- 40101516 Lgr 6006 2RSØ30\*55\*13
- 40727202 Lgr RATY 15
- 70011848





Bestelnummer  
 Ordernumber  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

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- 30012003
- 30012004
- 30012005
- 30012007
- 30012008
- 30020025
- 30020054
- 30020063
- 30020066
- 30020073
- 30271616 Tapb.M 6x16 verz
- 30363616 Verz.kopschr.bzk M6x16
- 30364416 Verz.kopschr.zaaggleuf M6x16
- 30561600 Zesk.moer M6 verz
- 31010120 Stelr.Ø12 verz
- 31010150 Stelr.Ø15 verz
- 31461300 Vl.sluitr. Ø15 verz
- 31461600 Vl.sluitr.Ø6.4 verz
- 31467600 Veerring M6
- 40101502 Lgr 6202 2RSØ15\*35\*11
- 43202302 Sluitschakel 1/2" nikk pl.
- 70011416



# 301-5

P.P.

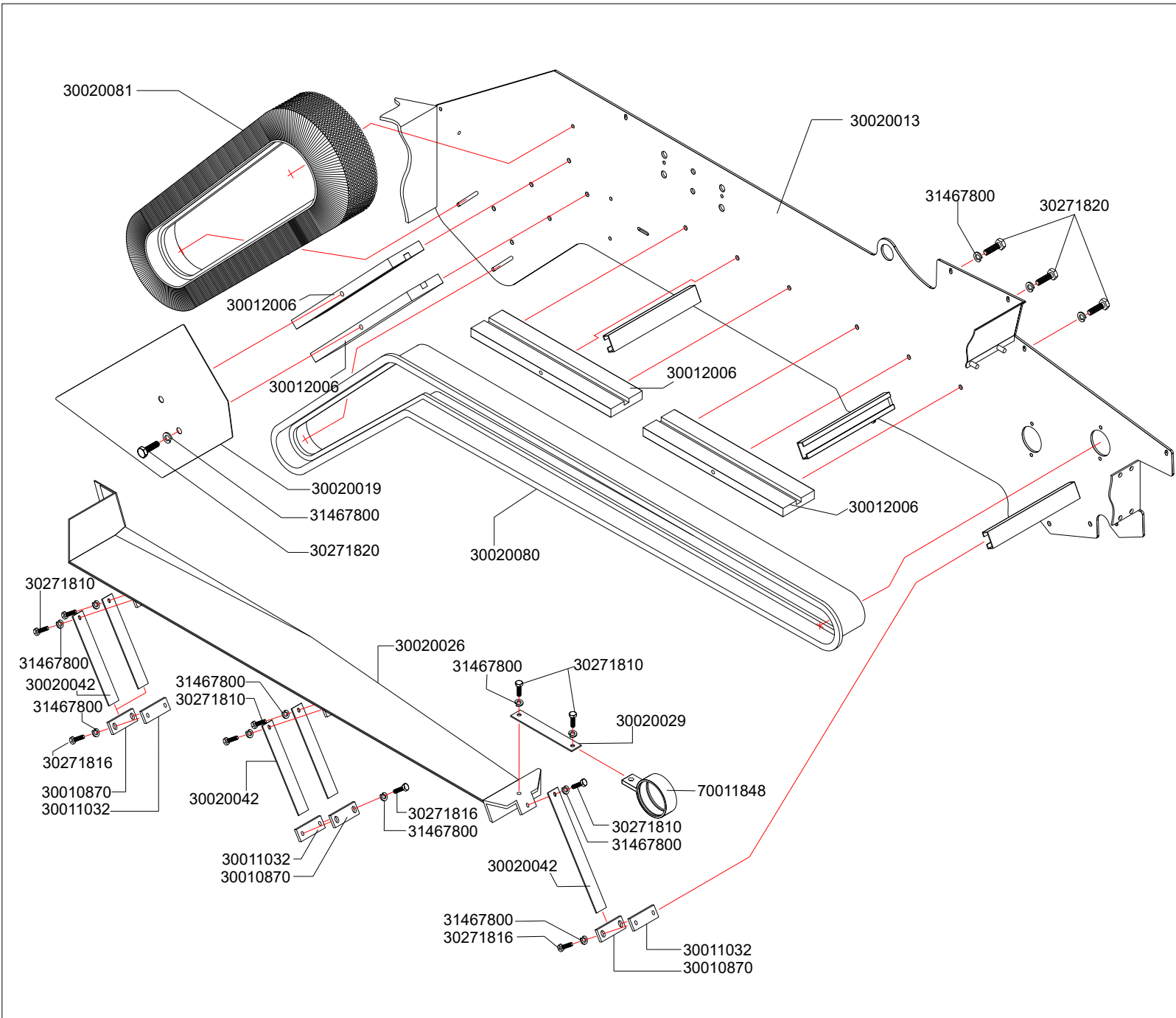
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 from jjjj-mm-dd until 2010-12-31  
 von jjjj-mm-dd zu 2010-12-31



Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30010870
- 30011032
- 30012006
- 30020013
- 30020019
- 30020026
- 30020029
- 30020042
- 30020080
- 30020081
- 30271810
- 30271816
- 30271820
- 31467800
- 70011848

Tapb.M8x10 verz  
 Tapb.M8x16 verz  
 Tapb.M8x20 verz  
 Veerr.M8 verz

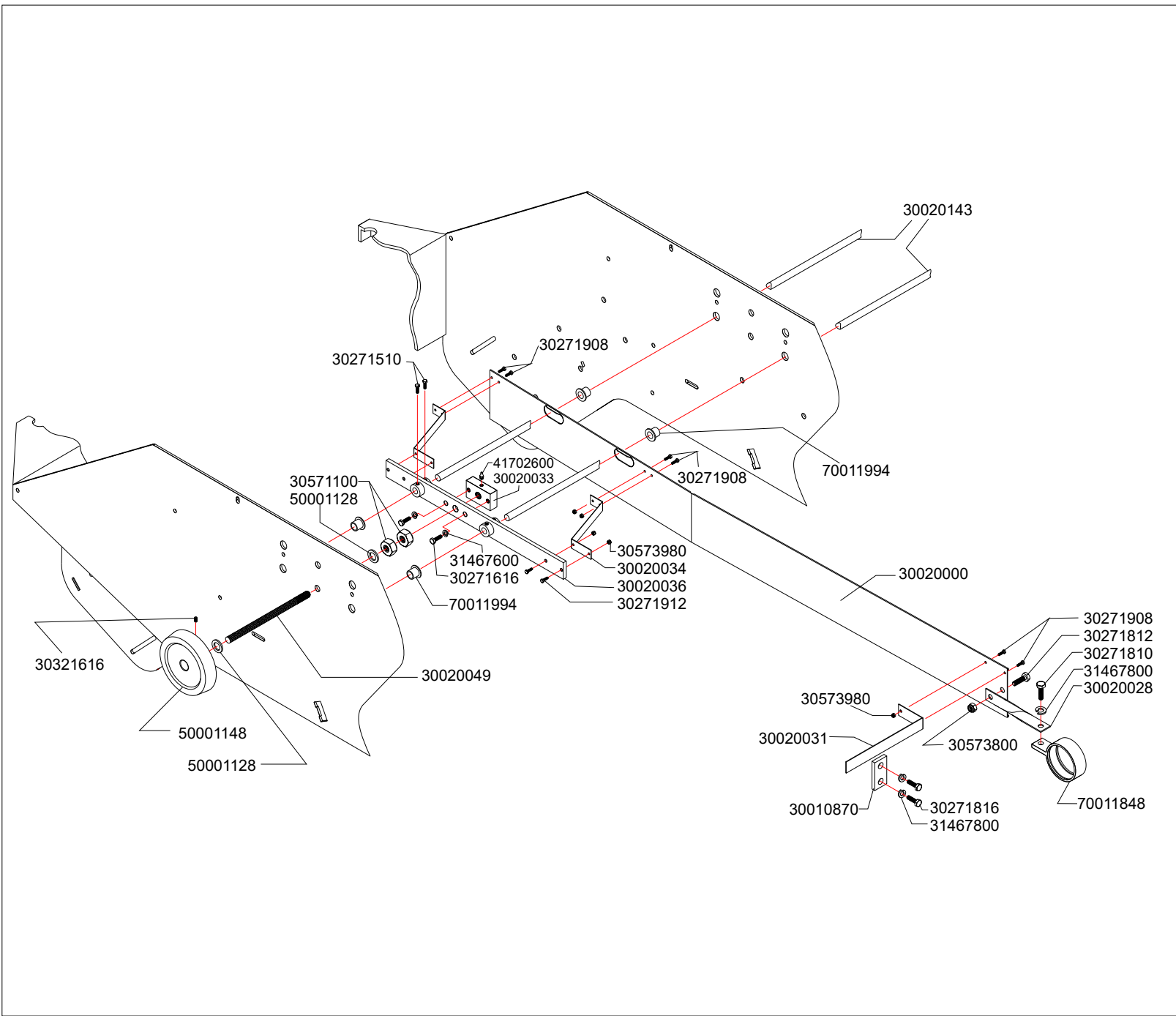


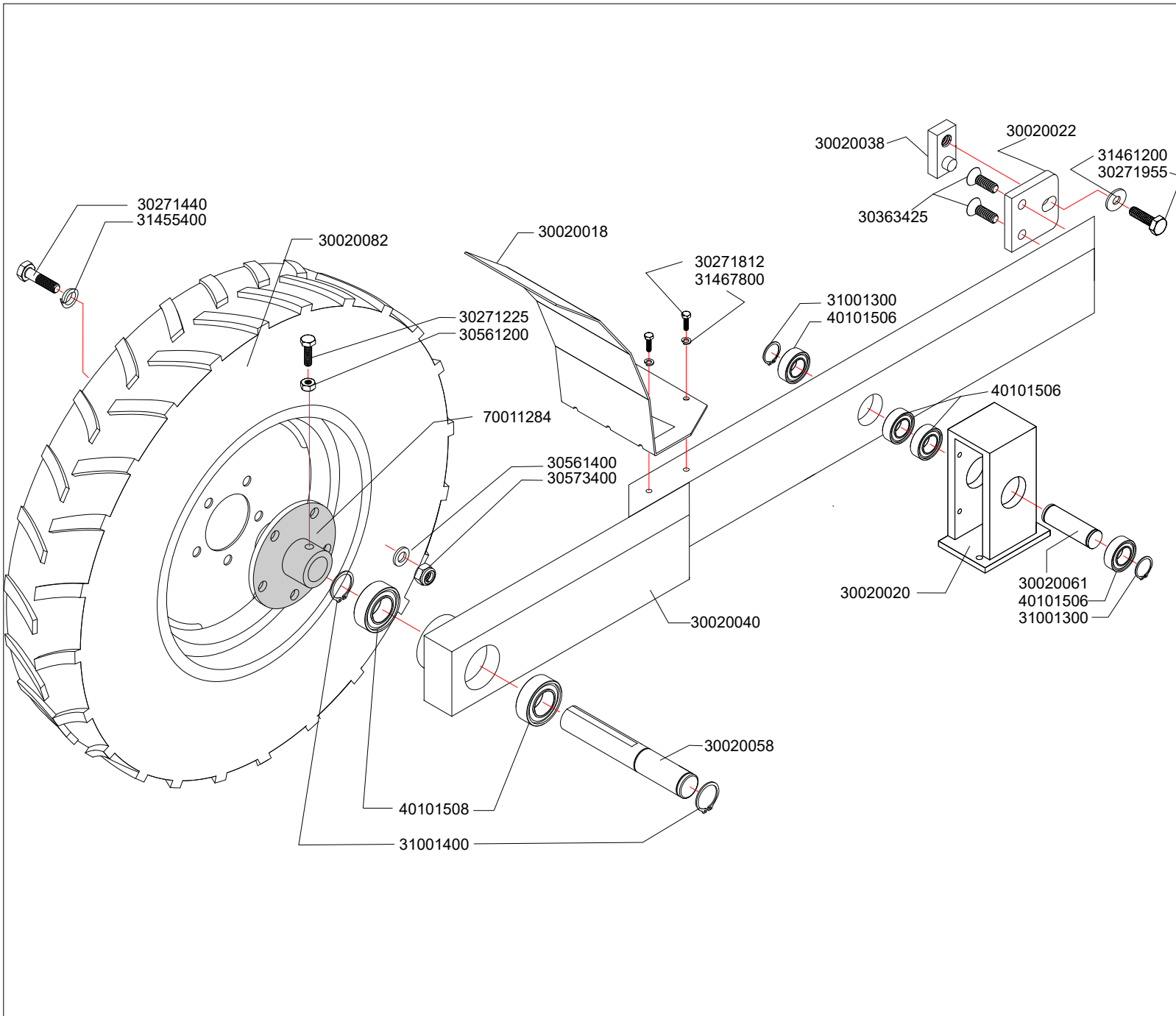




Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30010870
- 30020000
- 30020028
- 30020031
- 30020033
- 30020034
- 30020036
- 30020049
- 30020143
- 30271510 Tapb. M5x10 verz
- 30271616 Tapb. M6x16 verz
- 30271810 Tapb. M8x10 verz
- 30271812 Tapb. M8x12 verz
- 30271908 Tapb. M4x8 verz
- 30271916 Tapb. M4x16 verz
- 30321616 Stelschr. bzk M6x16 verz
- 30571100 Zesk. moer M10 laag
- 30573800 Zelfb. zkmoe M8
- 30573980 Zelfb. zkmoe M4
- 31467600 Veerring M6 verz
- 31467800 Veerring M8 verz
- 41702600 Vetrnippel M6\*1-180
- 50001128
- 50001148
- 70011848
- 70011994





Bestelnummer  
 Ordernumber  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30020018
- 30020022
- 30020038
- 30020040
- 30020058
- 30020061
- 30020082
- 30271225 Tapb.M12x25 verz
- 30271440 Tapb.M16x40 verz
- 30271812 Tapb.M 8x12 verz
- 30271955 Tapb.M20x55 verz
- 30363425 Verz.kopschr.bzk M16x25
- 30561400 Zkmoer M 16 verz
- 30573400 Zelfb.zkmoer M16
- 31001300 Zekering A 30
- 31455400 Conisch.veerr M16verz
- 31461200 VI.sluitr.Ø21 verz
- 31461400 VI.sluitr.Ø17 verz
- 31467800 Veerring M8 verz
- 40101506 Lgr 6206 2RS Ø30\*62\*16
- 40101508 Lgr 6208 LLU 2RSØ40\*80\*18
- 70011284

# 301-8

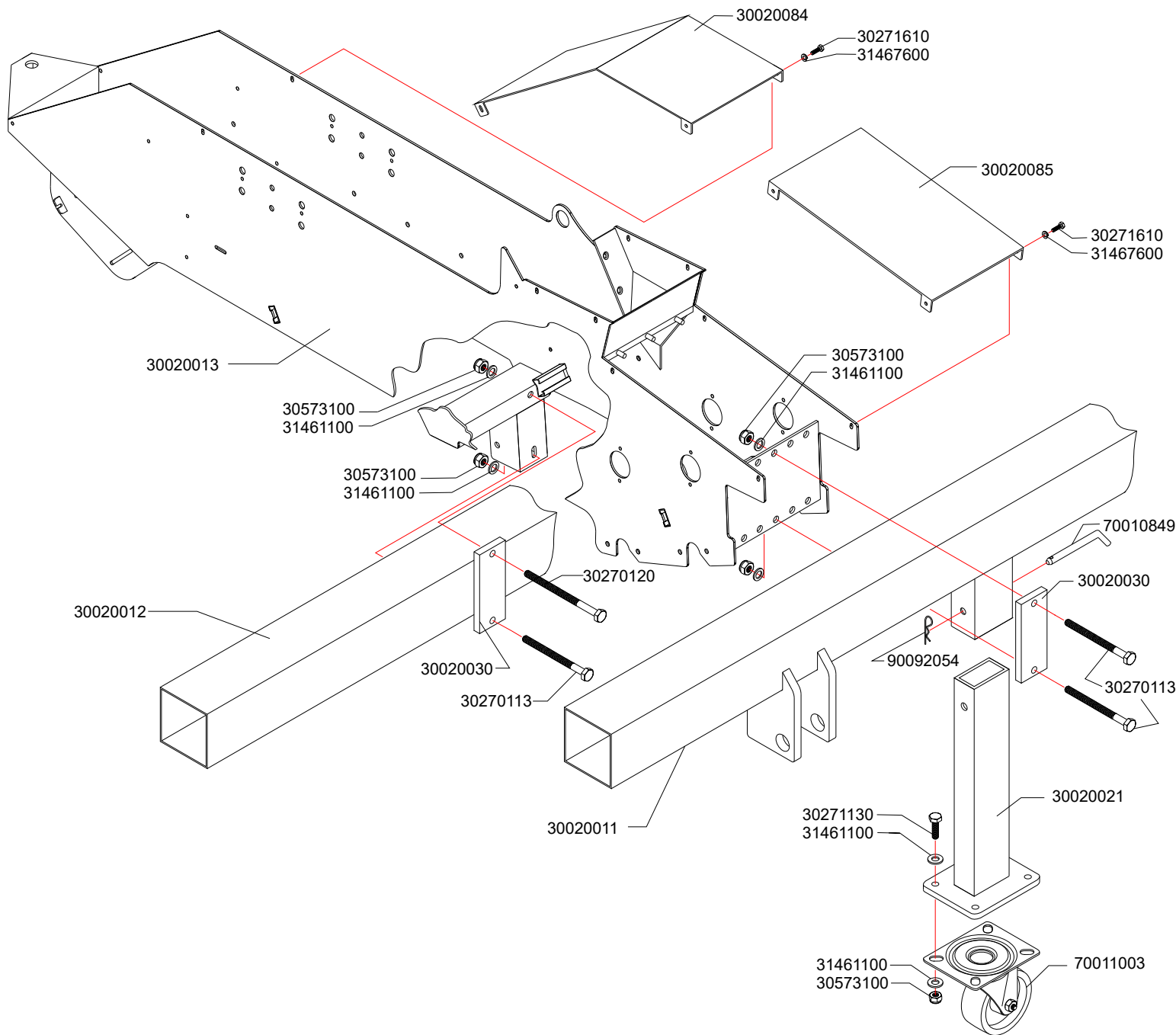
vanaf jjjj-mm-dd tot 2010-12-31  
 from jjjj-mm-dd until 2010-12-31  
 von jjjj-mm-dd zu 2010-12-31

P.P.



Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

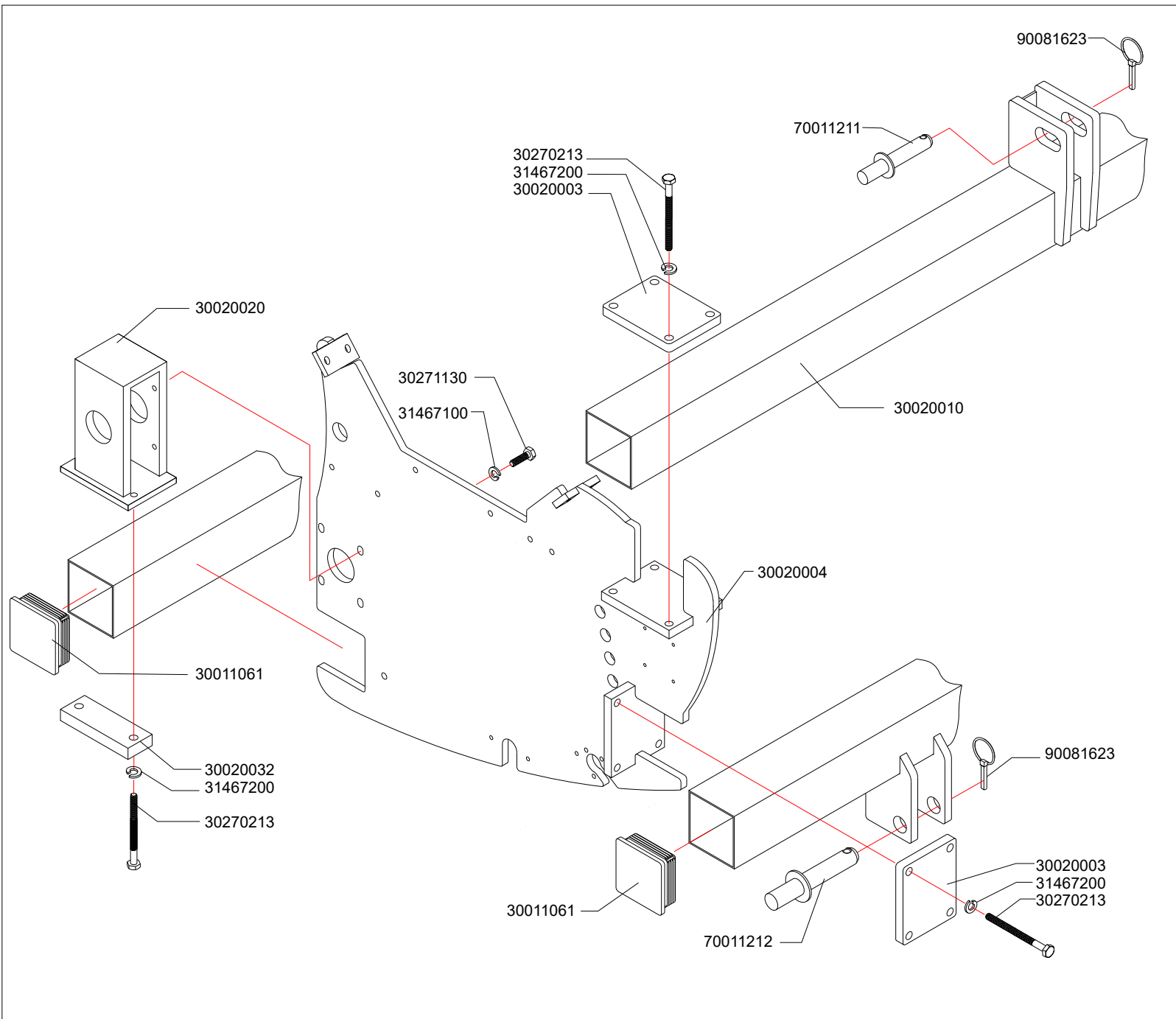
- 30020011
- 30020012
- 30020013
- 30020021
- 30020084
- 30020085
- 30270113 Bout M10x130 verz
- 30270120 Bout M10x200 verz
- 30271130 Tapb.M10x30 verz
- 30271610 Tapb.M6x10 verz
- 30573100 Zelfb.zkm M10
- 31461100 Vl. Sluitring Ø10.5 verz
- 31467600 Veerring M6 verz.
- 70010849
- 70011003
- 90092054

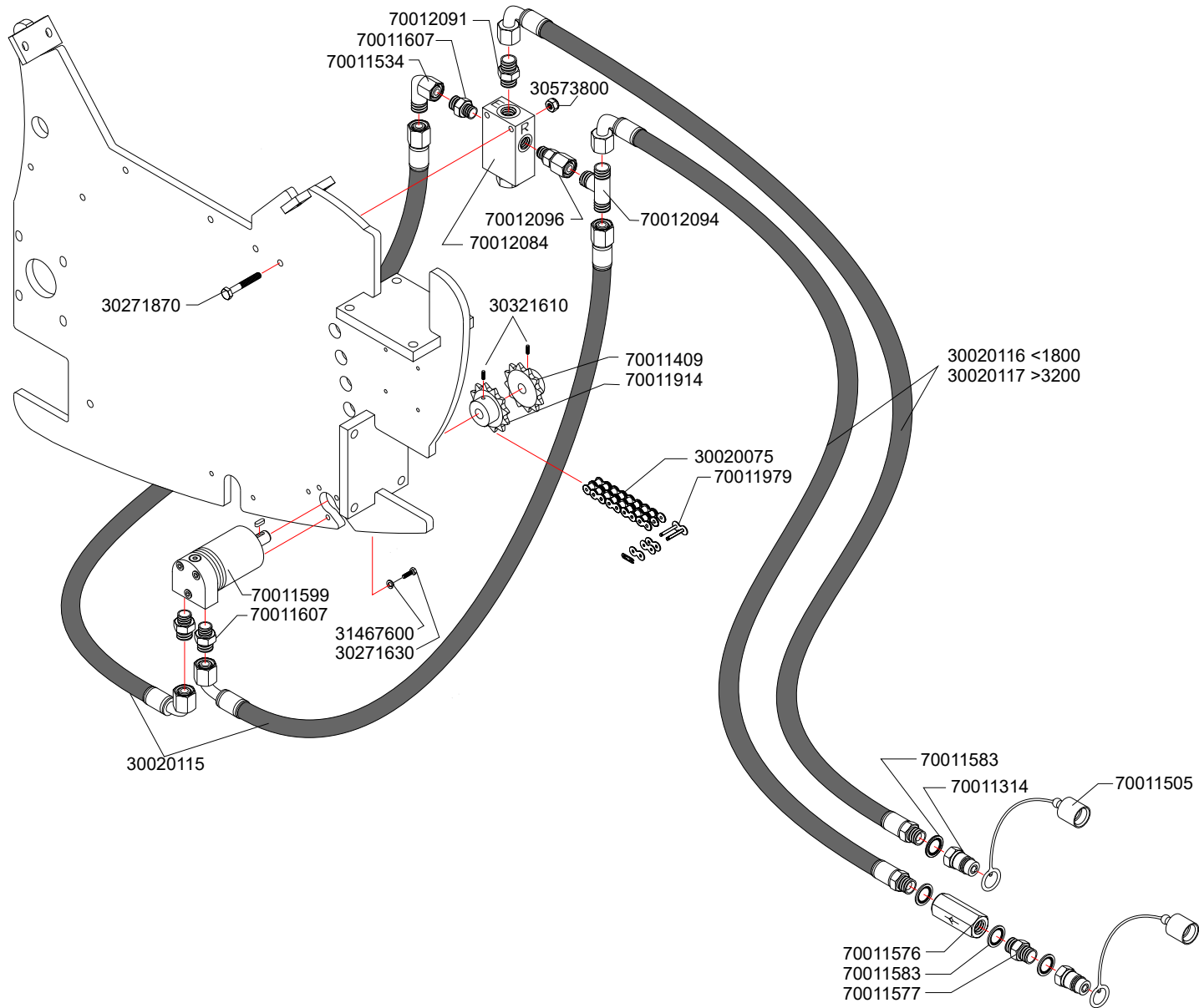




Bestelnummer  
 Ordernummer  
 Num.à Commander  
 Bestellnummer  
 Numero de Pedido

- 30011061
- 30020003
- 30020004
- 30020010
- 30020020
- 30020032
- 30270213 Bout M12\*130 verz
- 30271130 Tapb. M10x30 verz
- 31467100 Veerring M10 verz
- 31467200 Veerring M12 verz
- 70011211
- 70011212
- 90081623





Bestelnummer  
 Ordernumber  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

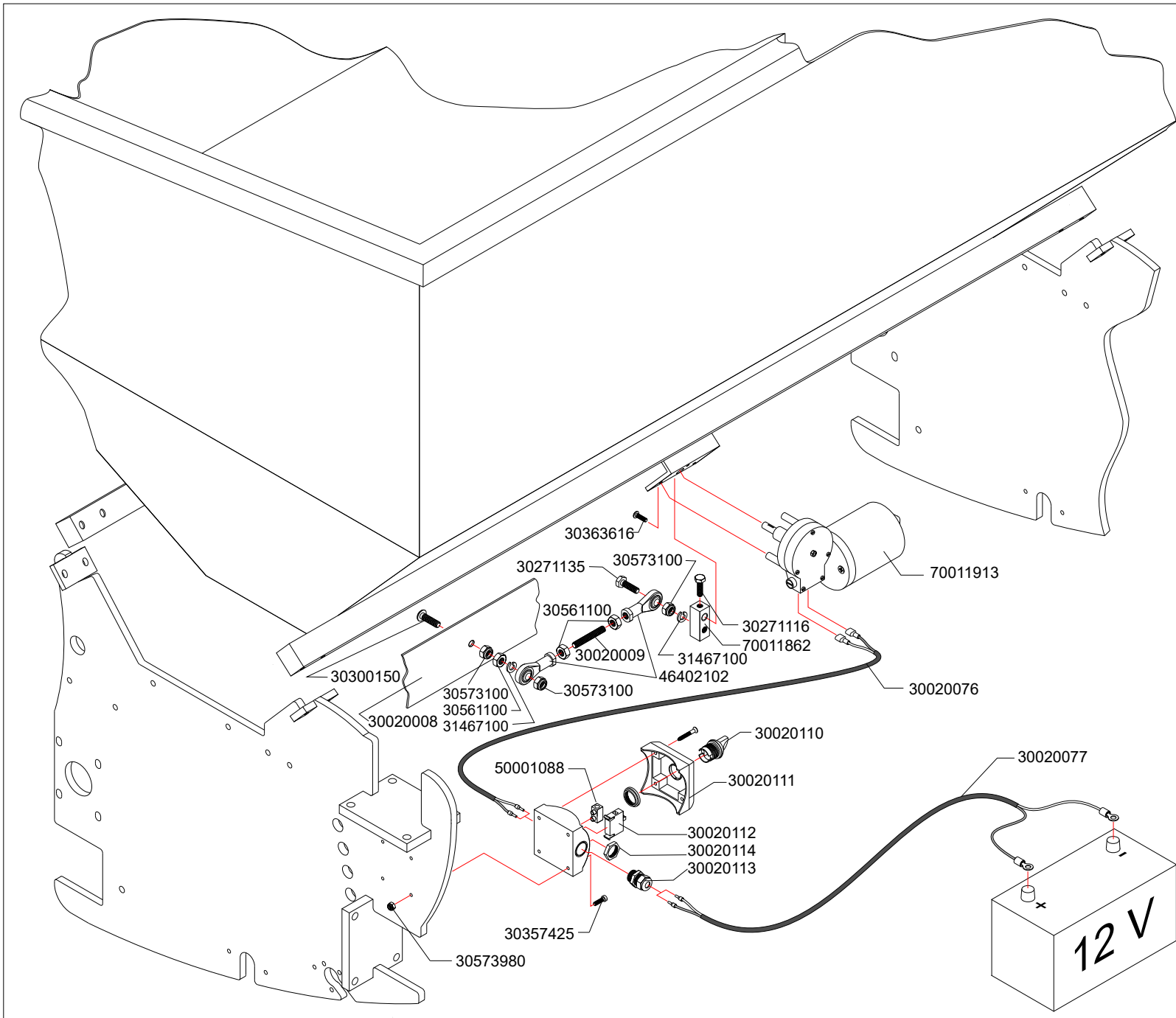
- 30020075
- 30020115
- 30020116 <1800
- 30020117 >3200
- 30271630 Tapb.M6x30 verz
- 30271870 Tapb. M 8x70 verz.
- 30321610 Stelschr.bzk M6x10 verz
- 30573800 Zelfb.zkm M8
- 31467600 Veerring M6 verz
- 70011314
- 70011409
- 70011505
- 70011534
- 70011576
- 70011577
- 70011583
- 70011599
- 70011607
- 70011914
- 70011979
- 70012084
- 70012091
- 70012094
- 70012096





Bestelnummer  
Ordernumber  
Num.à commander  
Bestellnummer  
Numero de Pedido

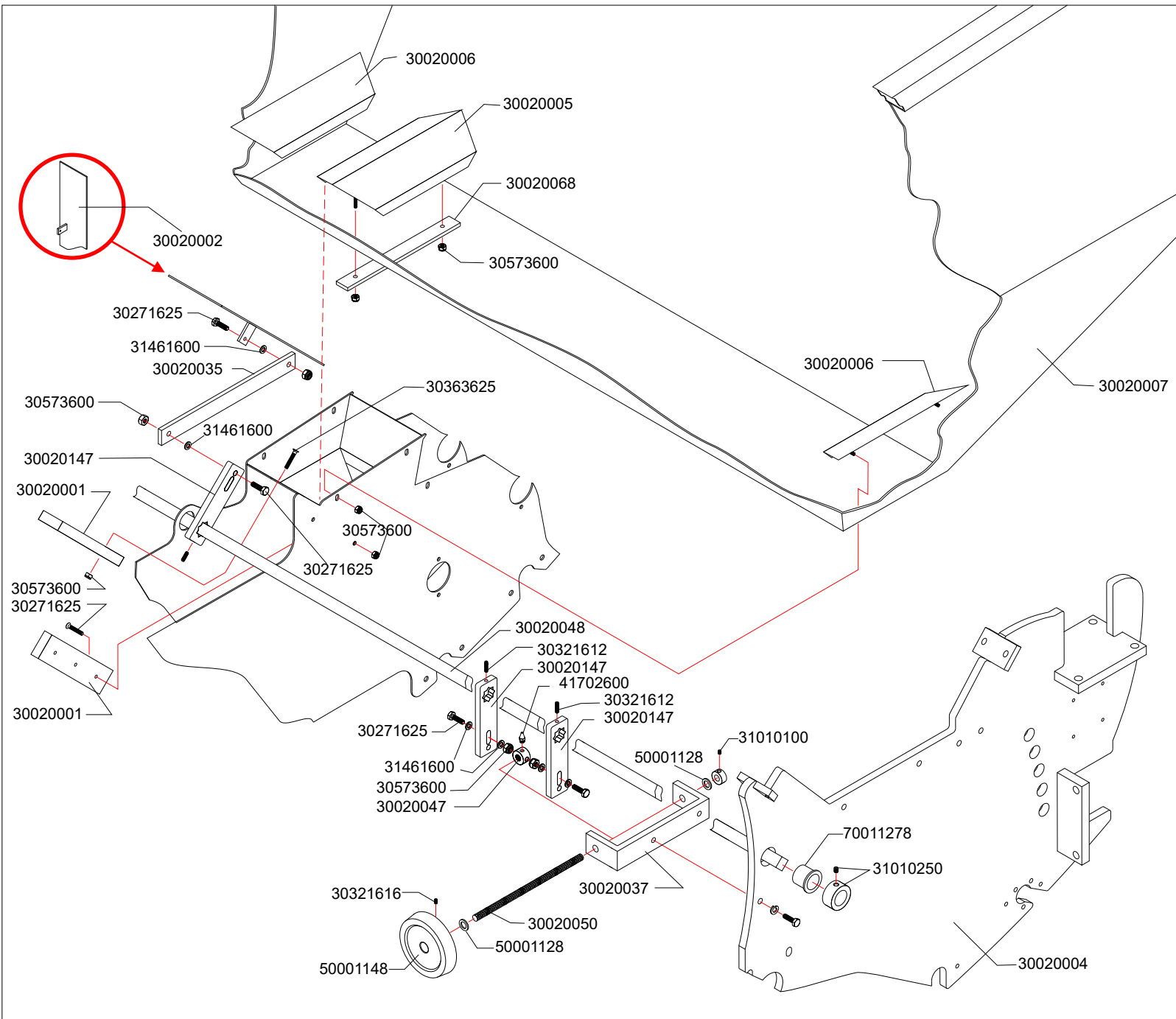
30020008  
30020009  
30020076  
30020077  
30020110  
30020111  
30020112  
30020113  
30020114  
30271116 Tapb. M10x16 verz  
30271135 Tapb. M10x35 verz  
30300150 Lgbolk.bout bzk M10x50 verz  
30357425 Cil.schr.zaaggl.M4x25 verz  
30363616 Verzonk.kopschr.bzk M6x16  
30561100 Zesk.moer M10 verz  
30573100 Zb.zesk.moer M10  
30573980 Zb.zesk.moer M4  
31467100 Veerring M10 verz  
46402102 Kogelstangkop BRF10  
50001088  
70011862  
70011913





Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30020001
- 30020002
- 30020004
- 30020005
- 30020006
- 30020007
- 30020035
- 30020037
- 30020047
- 30020048
- 30020050
- 30020068
- 30271625 Tapb. M6x25 verz
- 30321612 Stelschr.bzk M6x12 verz
- 30321616 Stelschr.bzk M6x16 verz
- 30363625 Verzonk kopschr.bzk M6x25
- 30573600 Zelfb.zkmoer M6
- 31010100 Stelring Ø10 verz
- 31010250 Stelring Ø25 verz
- 31461600 Vl.Sluitr.Ø 6.4 verz
- 41702600 Vetrnippel M6\*1-180
- 50001128
- 50001148
- 70011278





# 301-14

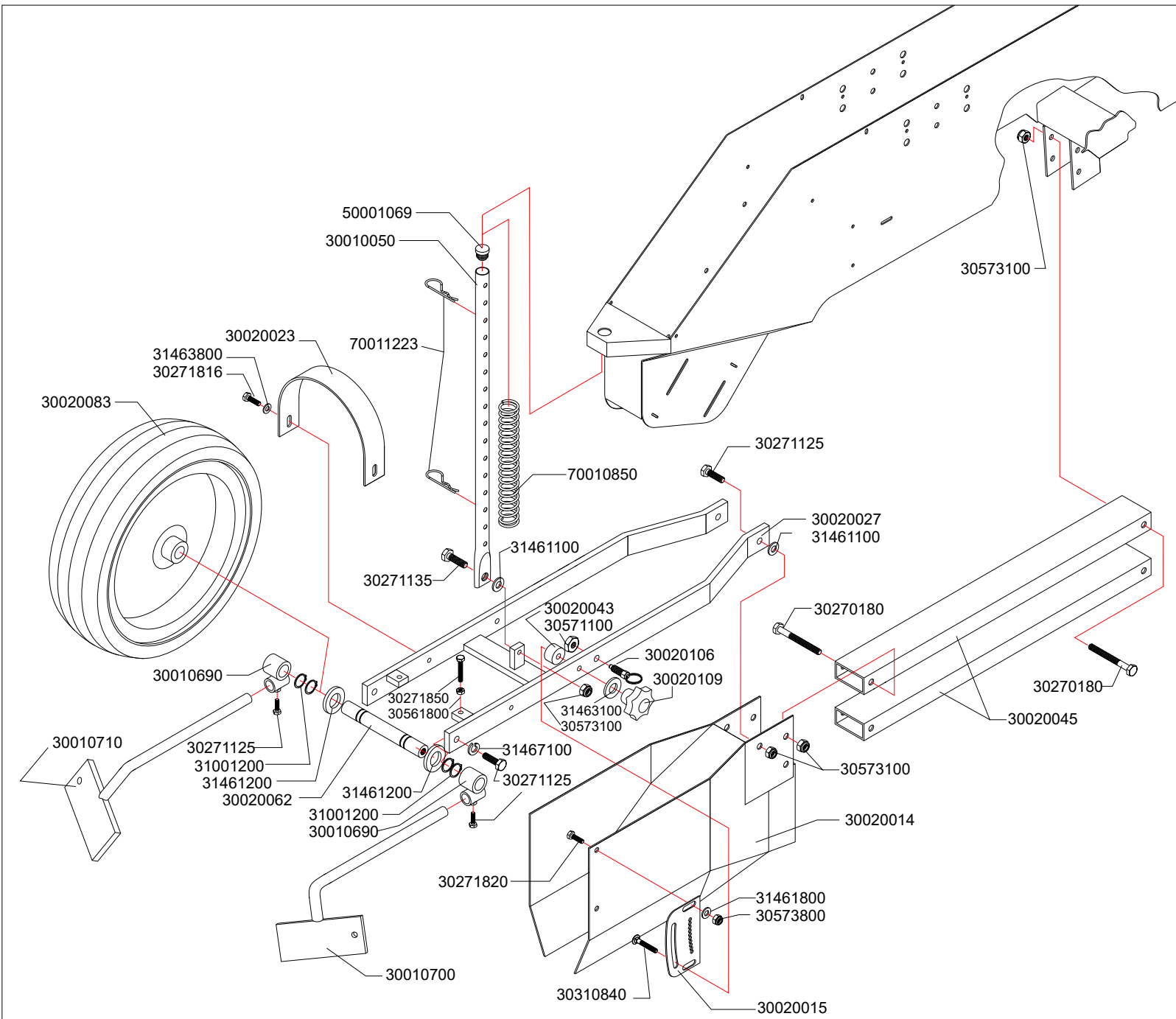
vanaf jjjj-mm-dd tot 2010-12-31  
 from jjjj-mm-dd until 2010-12-31  
 von jjjj-mm-dd zu 2010-12-31

P.P.



Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

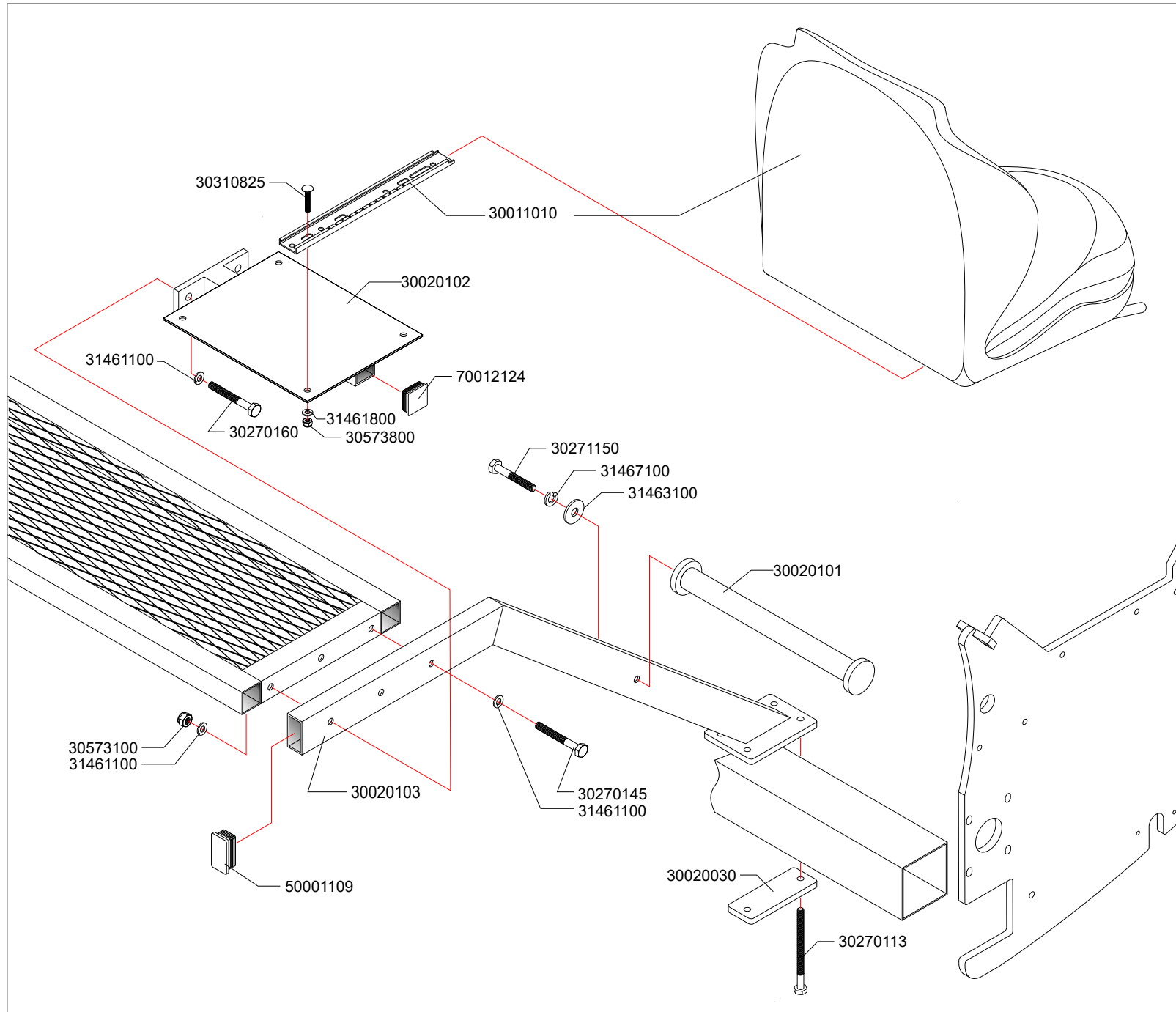
- 30010050
- 30010690
- 30010700
- 30010710
- 30020014
- 30020015
- 30020023
- 30020027
- 30020043
- 30020045
- 30020062
- 30020083
- 30020106
- 30020109
- 30270180 Bout M10\* 80 verz.
- 30271125 Tapb. M10x25 verz.
- 30271816 Tapb. M 8x16 verz.
- 30271820 Tapb. M 8x20 verz.
- 30271850 Tapb. M 8x50 verz.
- 30310840 Slotbout M8x40 verz.
- 30561800 Zk moer M8 4 verz.
- 30573100 Zb zkmoer M10
- 30573800 Zb zkmoer M 8
- 31001200 Zekeringsring A 20
- 31461100 Vl. sluitring Ø10.5 verz.
- 31461800 Vl. sluitring Ø 8.4 verz.
- 31463100 Carrosseriering M10x30x2.5
- 31463800 Carrosseriering M8x25x2
- 31467100 Veerring M10 verz.
- 50001069
- 70010850
- 70011223





Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

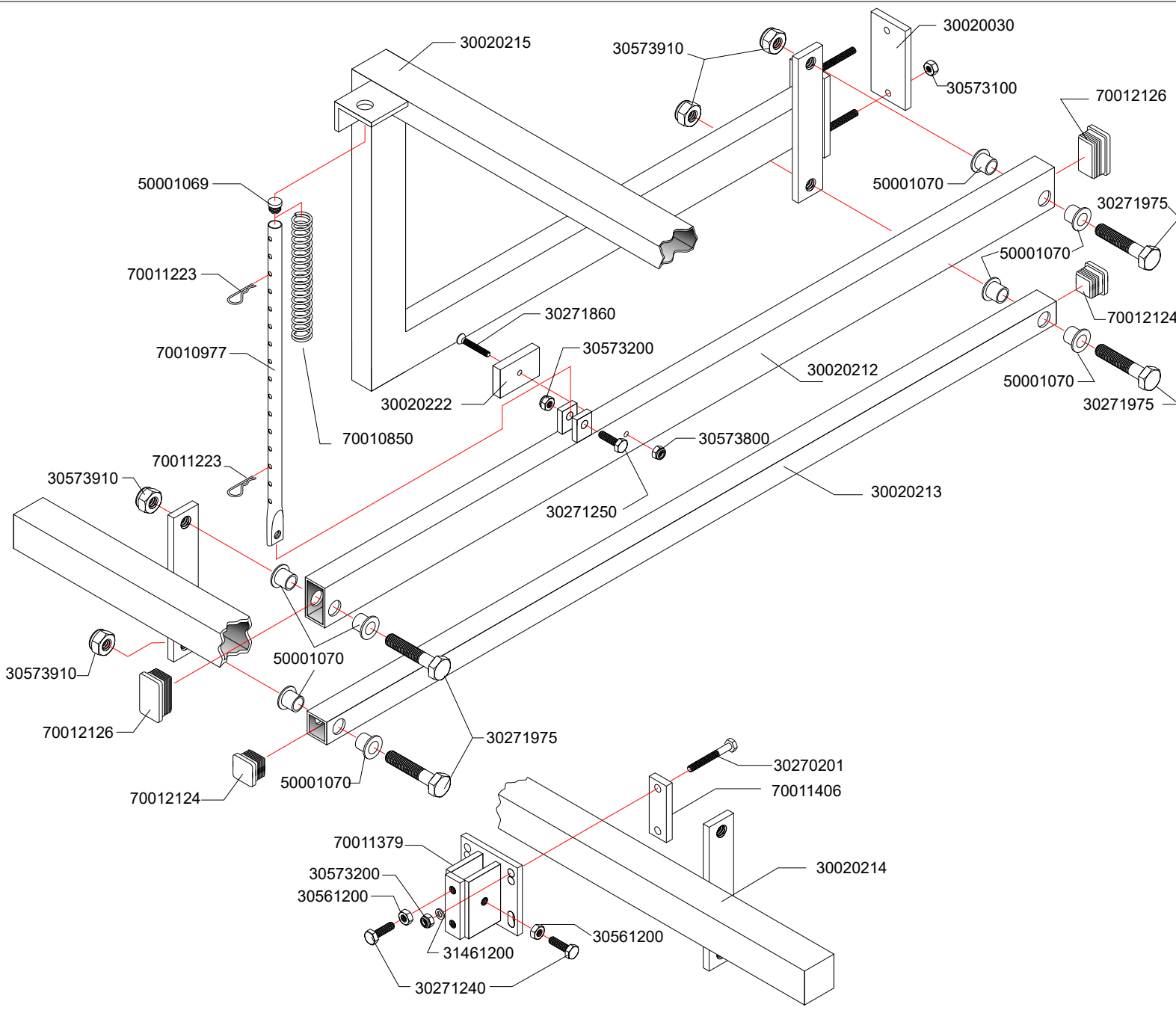
- 30011010
- 30020030
- 30020101
- 30020102
- 30020103
- 30270113 Bout M10\*130 verz
- 30270145 Bout M10\*45 verz
- 30270160 Bout M10\*60 verz
- 30271150 Tapb.M10x50 verz
- 30310825 Slotb. M8x25 verz
- 30573800 Zb. Zkmoer M8
- 31461100 Vlakke sluitring ø10
- 31463100 Carrossiererg M10x30x2,5 verz
- 31467100 Veerring M10 verz
- 50001109
- 70012124



# 301-16

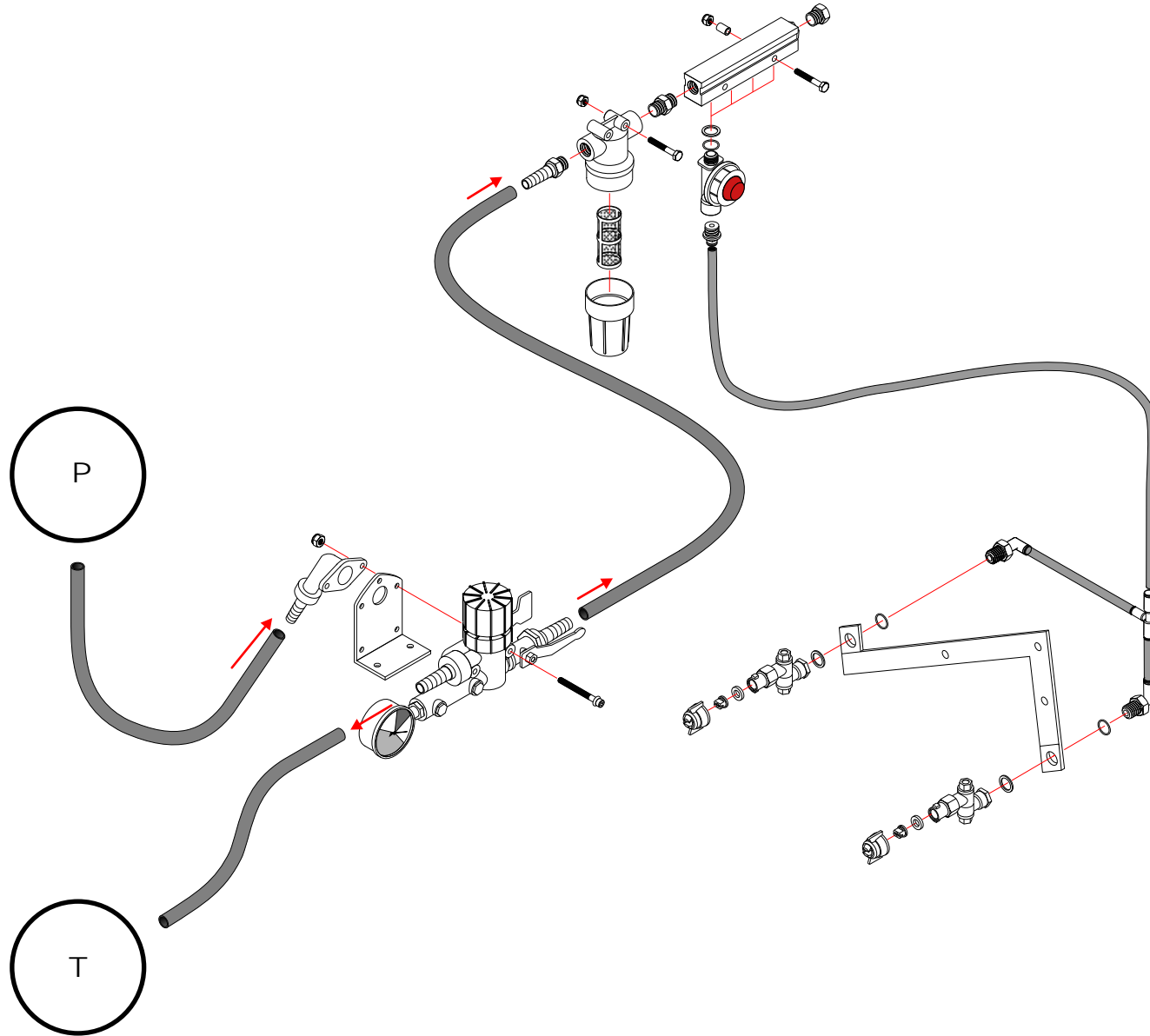
vanaf jjjj-mm-dd tot 2010-12-31  
 from jjjj-mm-dd until 2010-12-31  
 von jjjj-mm-dd zu 2010-12-31

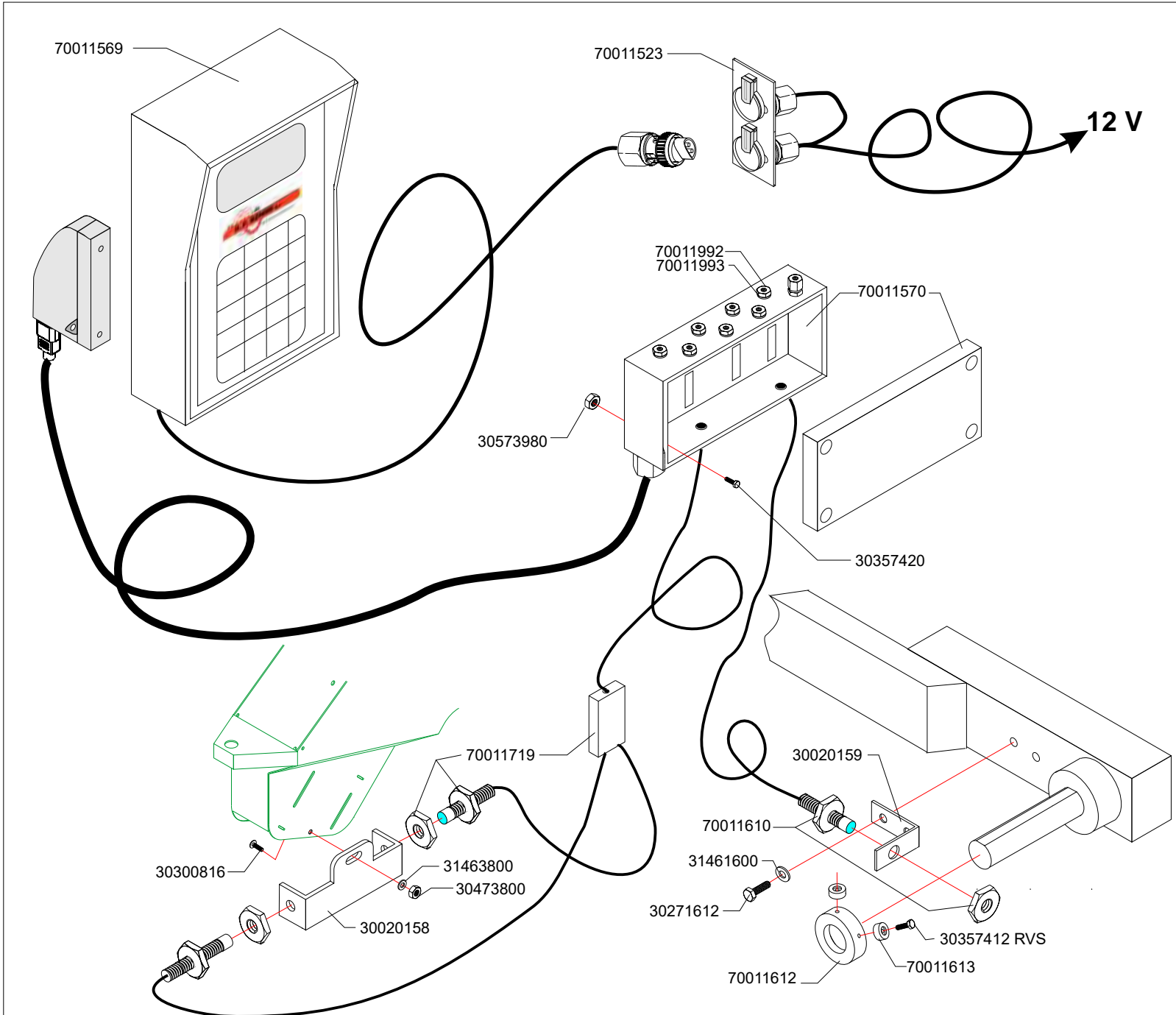
P.P.



Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30020030
- 30020121
- 30020213
- 30020214
- 30020215
- 30020222
- 30270201 Bout M12\*100 verz
- 30271240 Tapb.M12x40 verz
- 30271250 Tapb.M12x50 verz
- 30271860 Tapb.M8x60 verz
- 30271975 Tapb.M20x75 verz
- 30561200 Zk moer M12
- 30573100 Zb zkmoer M10
- 30573200 Zb.zkmoer M12
- 30573800 Zb.zkmoer M8
- 30573910 Zb.zkmoer M20
- 31461200 Veerring M12 verz
- 50001069
- 50001070
- 70010850
- 70010977
- 70011223
- 70011379
- 70011406
- 70012124
- 70012126

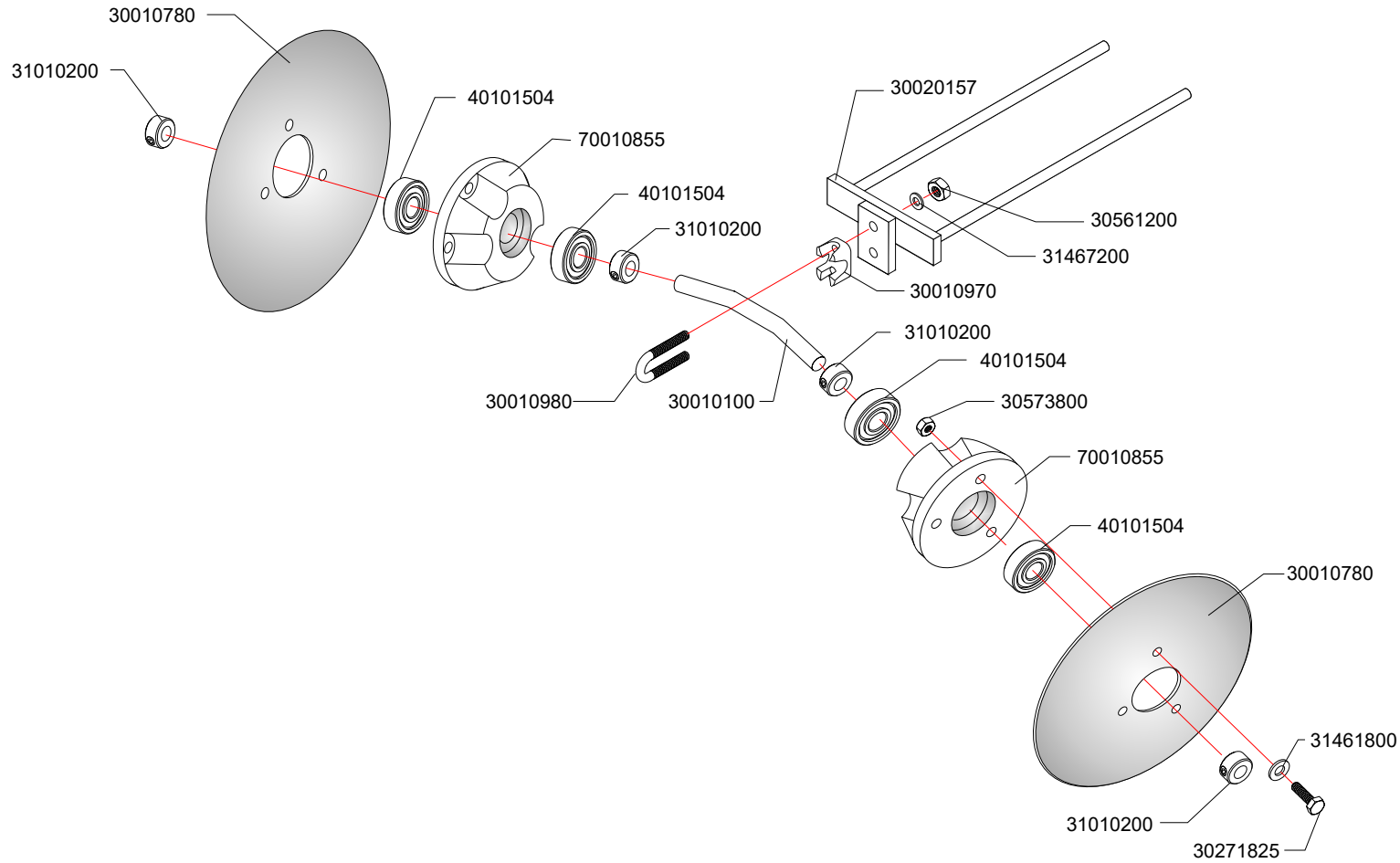






Bestelnummer  
 Ordernumber  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

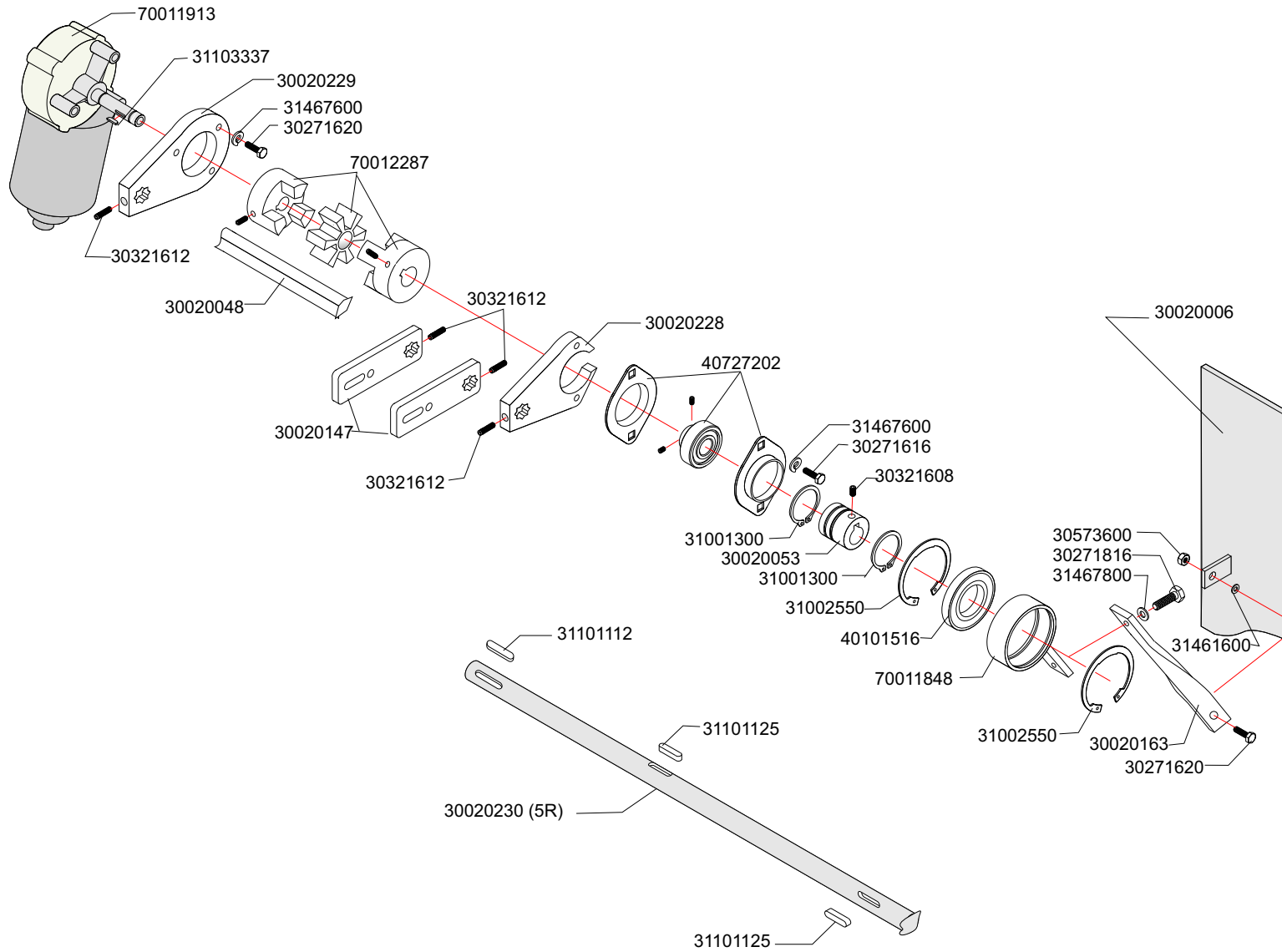
- 30010100
- 30010780
- 30010970
- 30010980
- 30020157
- 30271825
- 30561200
- 30573800
- 31010200
- 31461800
- 31467200
- 40101504
- 70010855





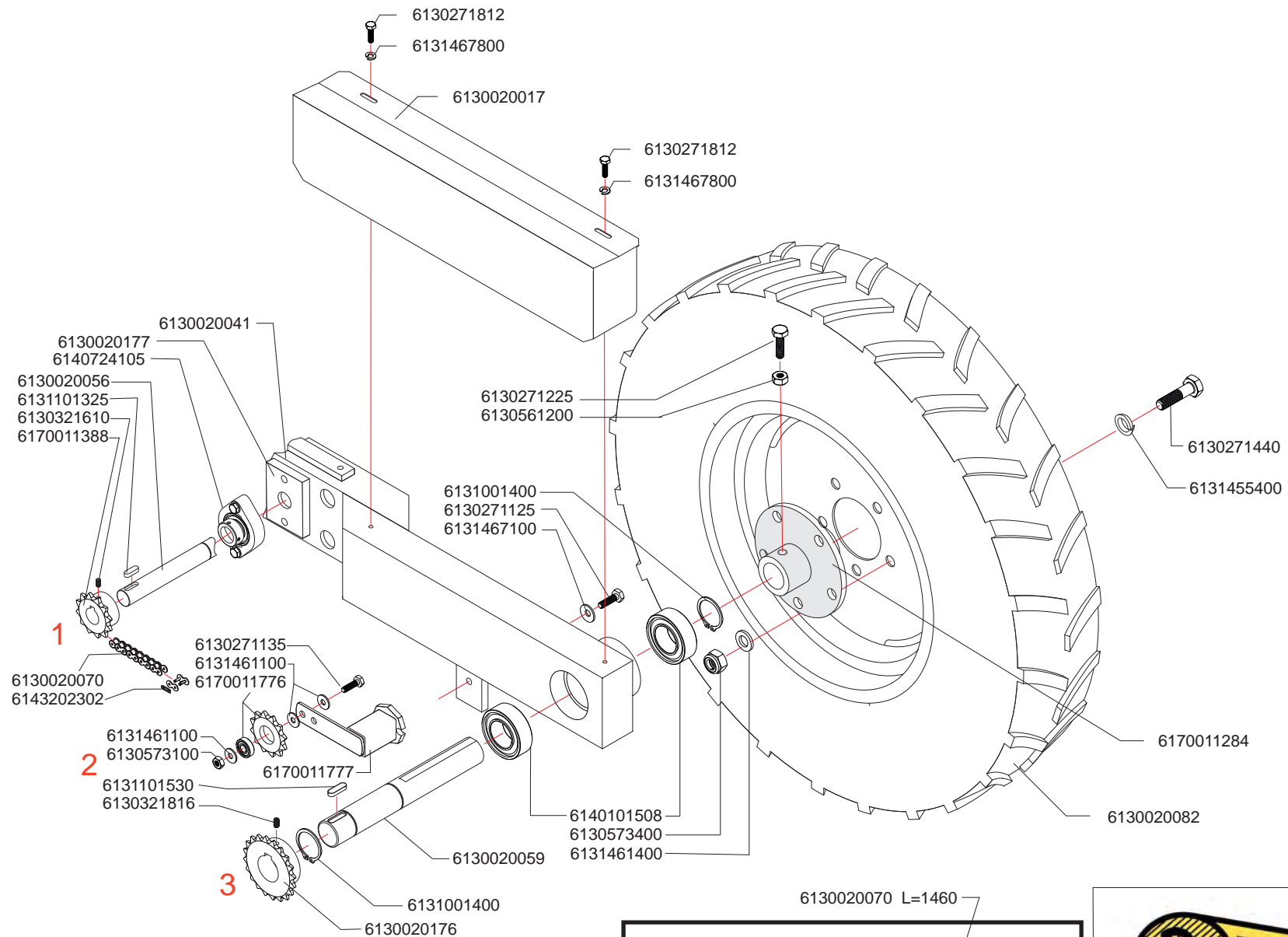
Bestelnummer  
 Ordernummer  
 Num.à commander  
 Bestellnummer  
 Numero de Pedido

- 30271616
- 30271620
- 30271816
- 30321162
- 30321608
- 30321612
- 30573600
- 31001300
- 31002550
- 31101112
- 31101125
- 31103337
- 31461600
- 31467600



Geldig vanaf 2011-01-01 tot 2015-09-31  
Valid from 2011-01-01 until 2015-09-31  
Gültig von 2011-01-01 zu 2015-09-31

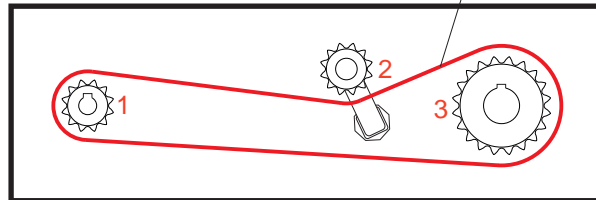




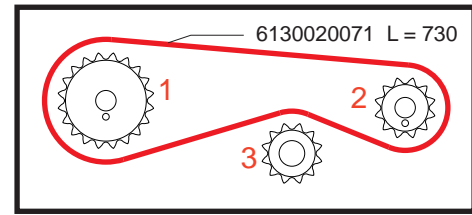
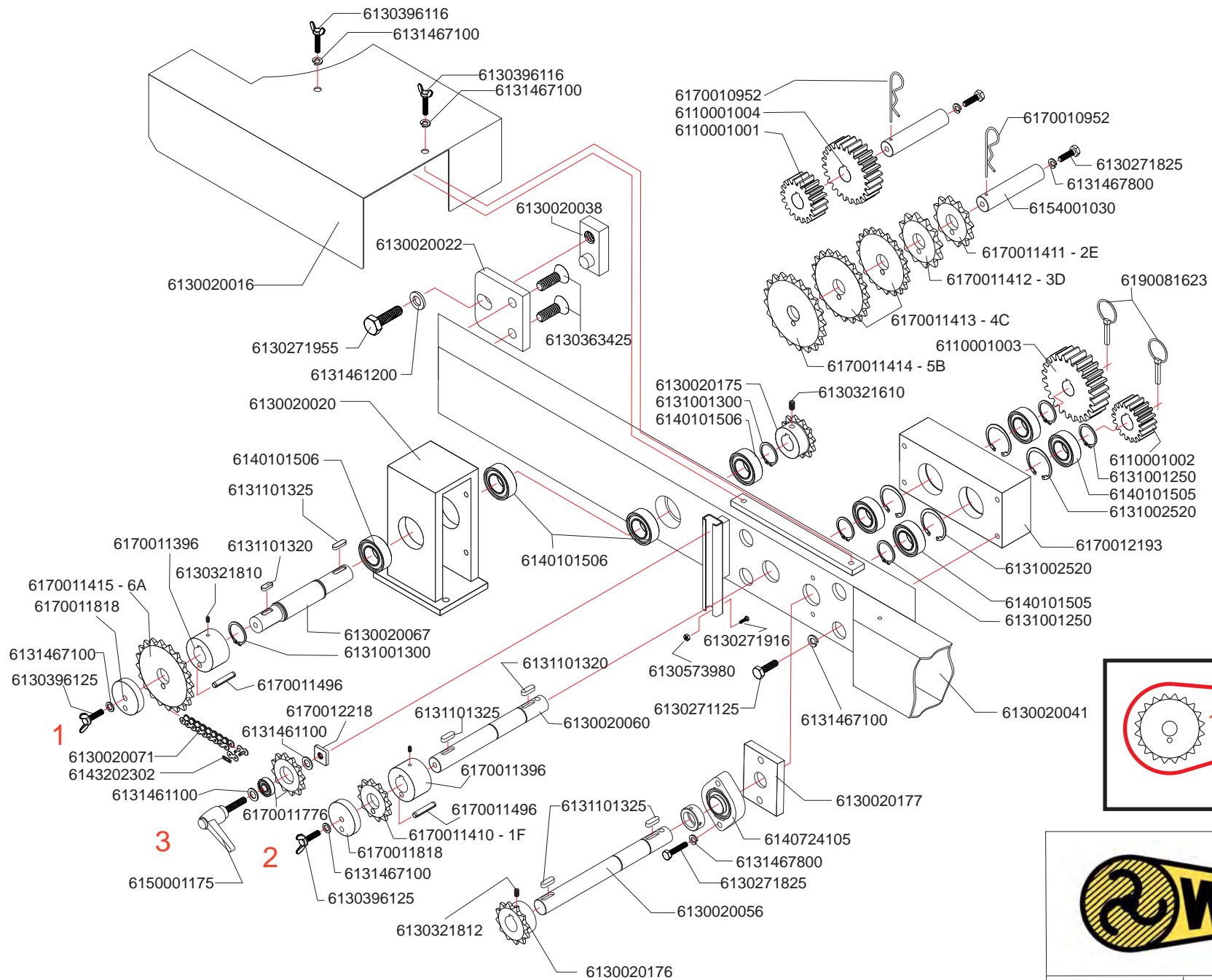
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2

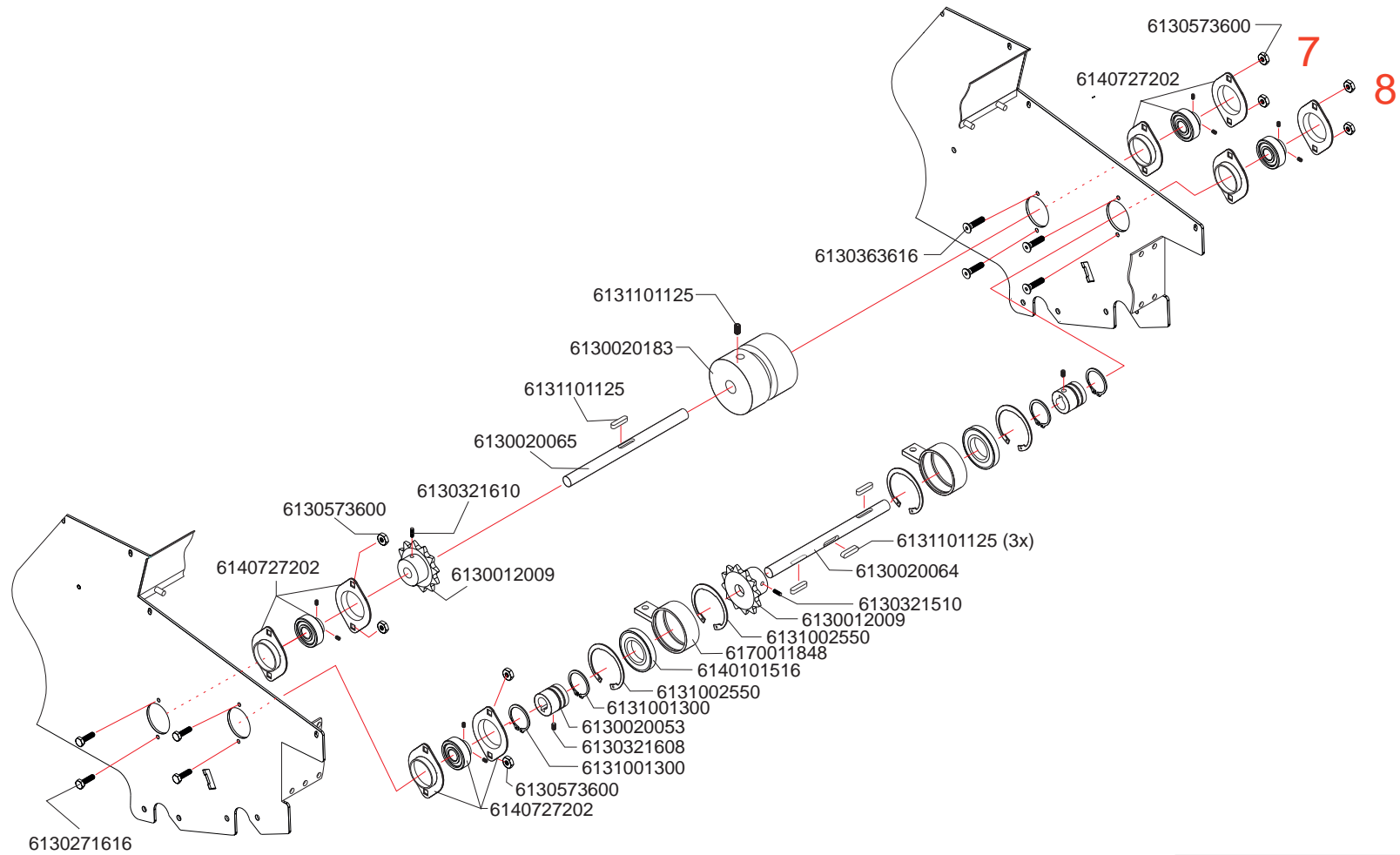
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Revisie: 05-08-11	P.P.	nr: 301-1-A
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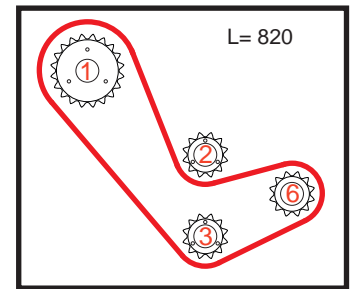
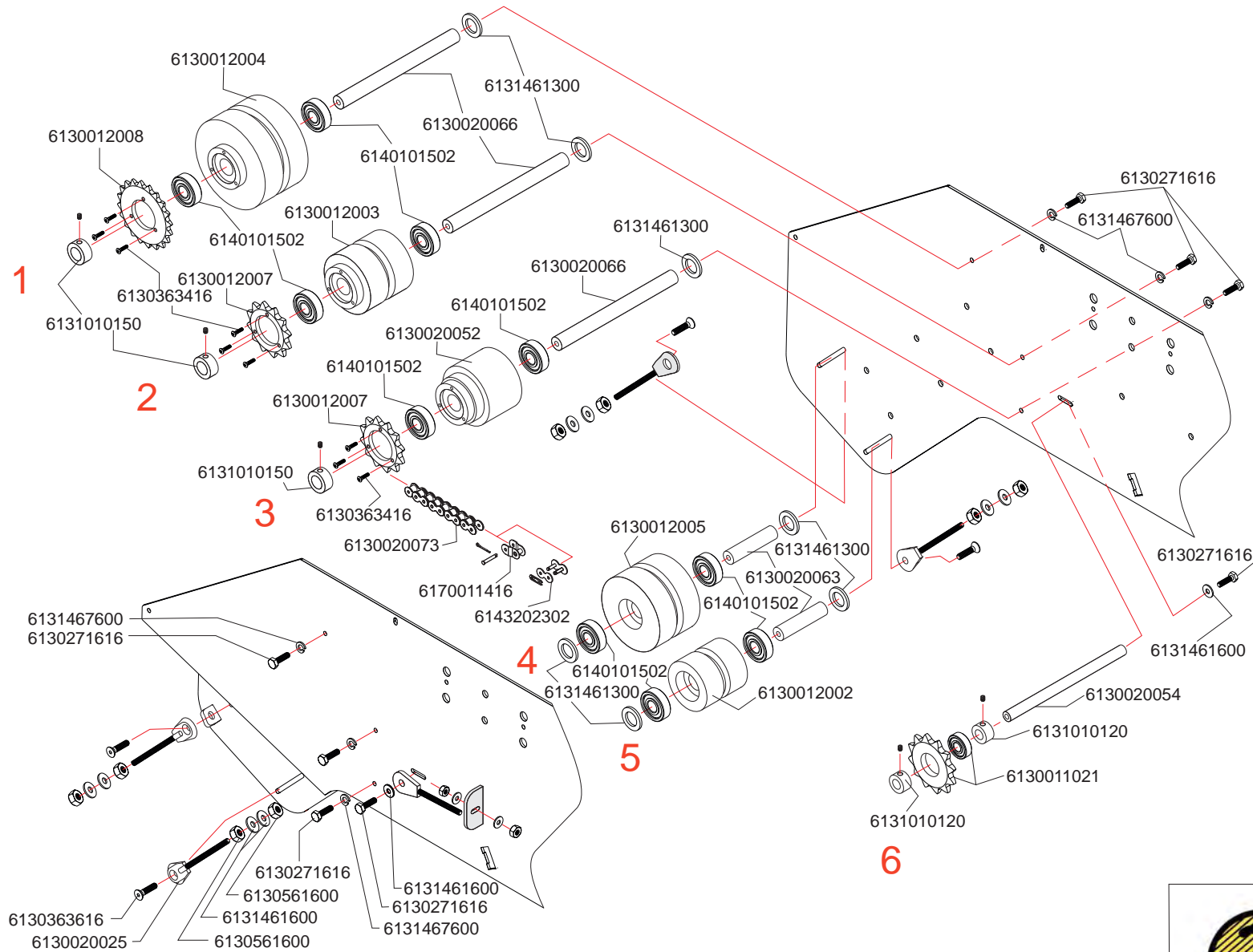
Revisie05-08-11	P.P.	nr:301-2-A
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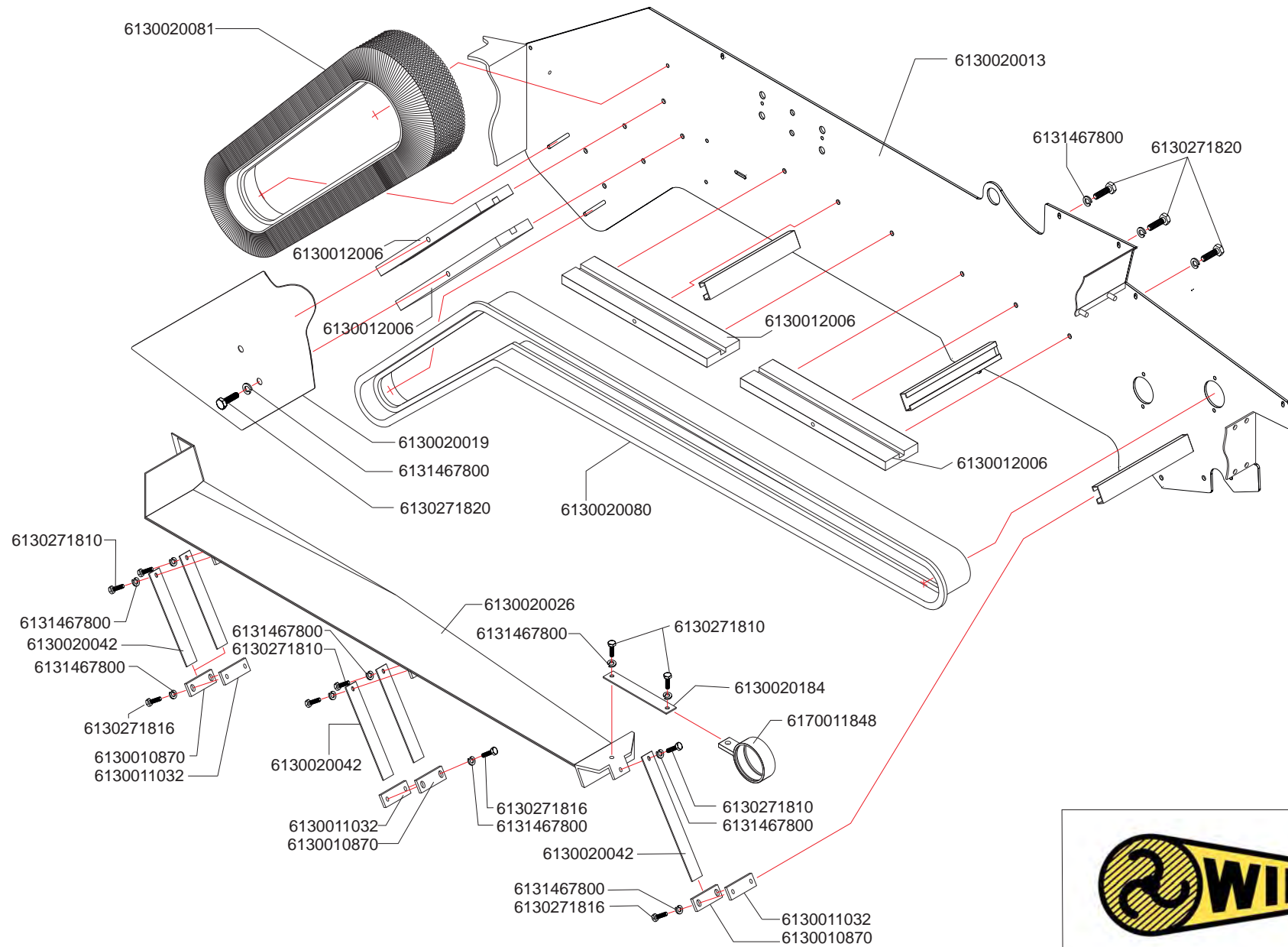


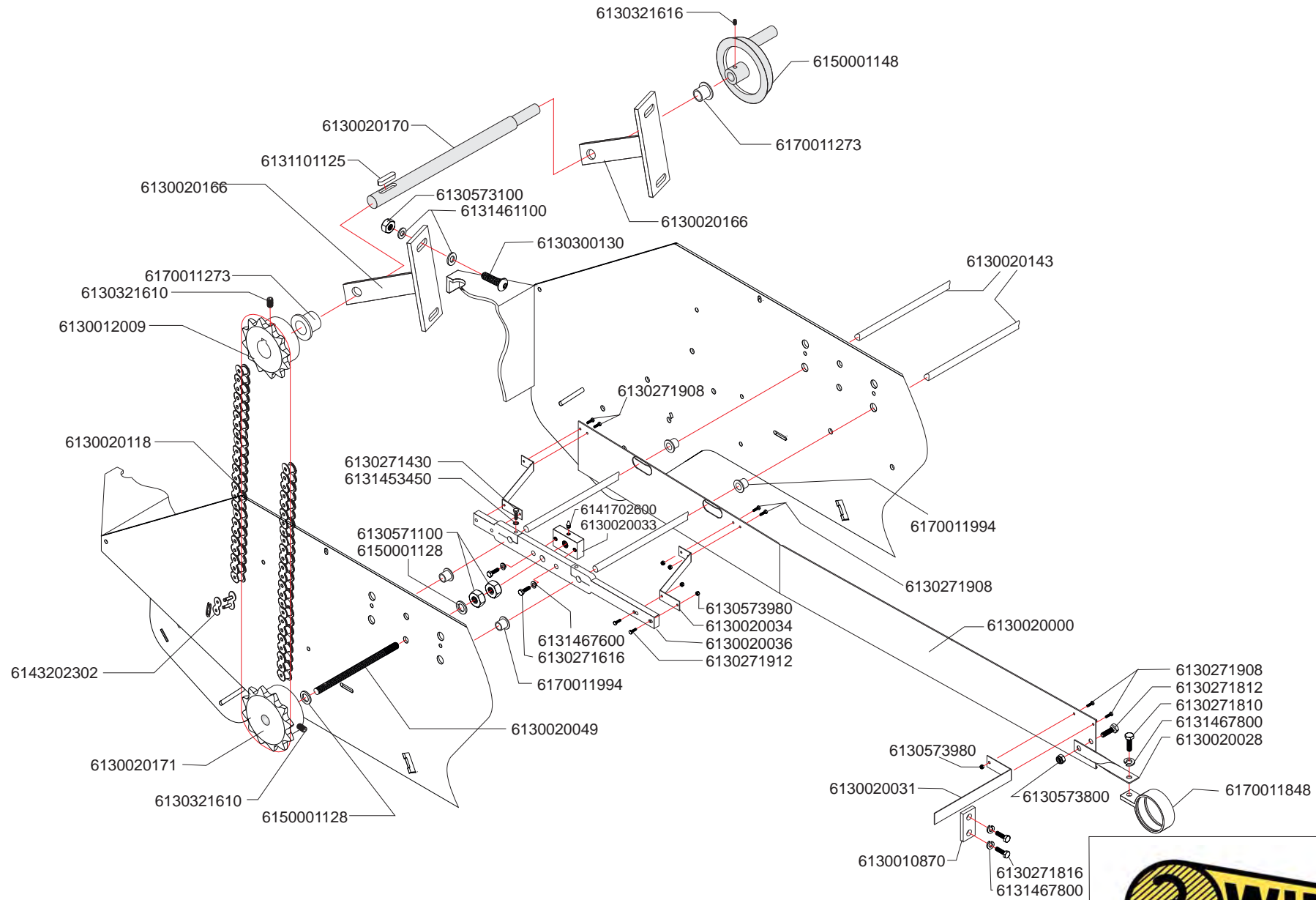
Revisie: 07-10-11

P.P.

nr: 301-3-A



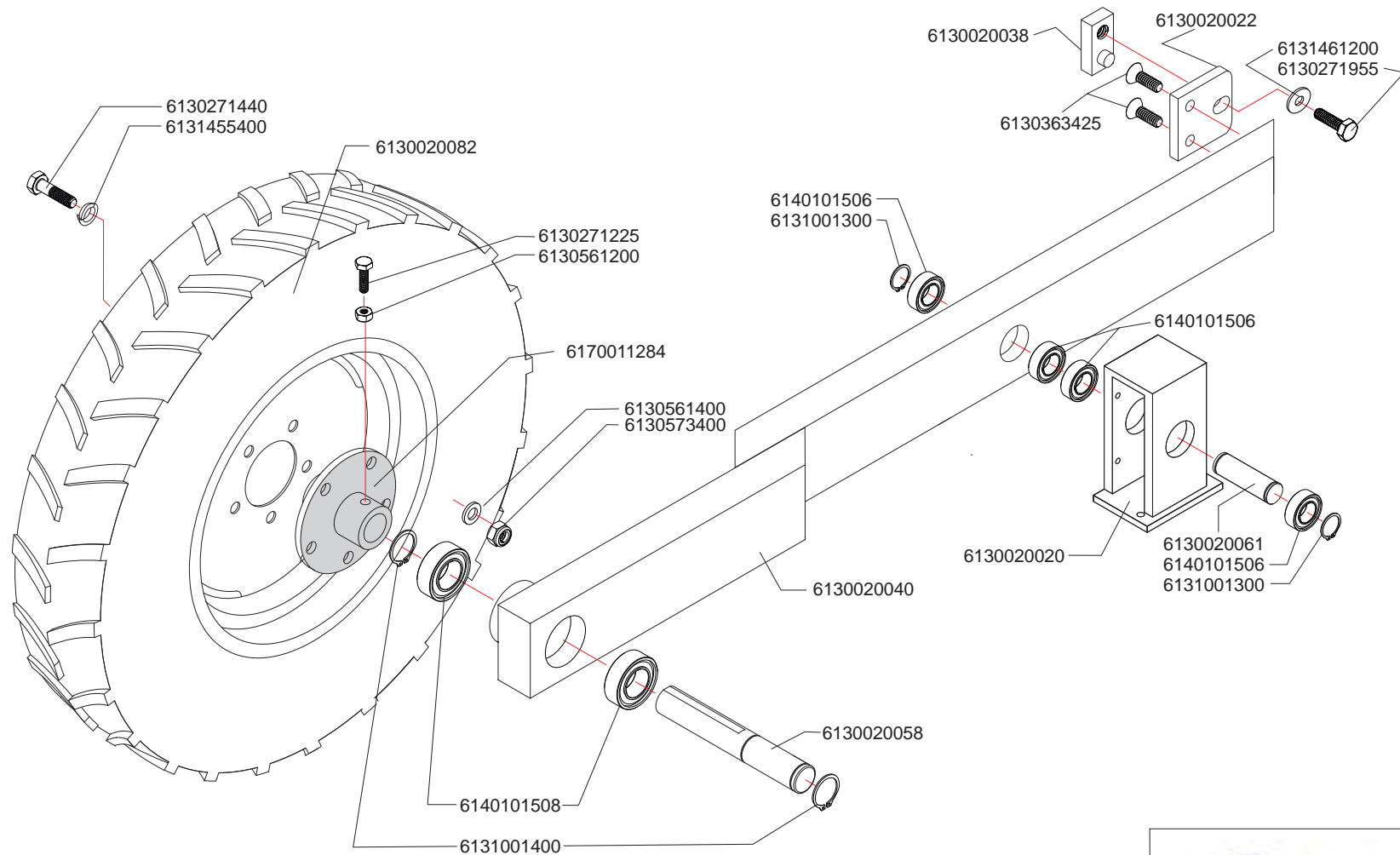




Revisie: 07-10-11

P.P.


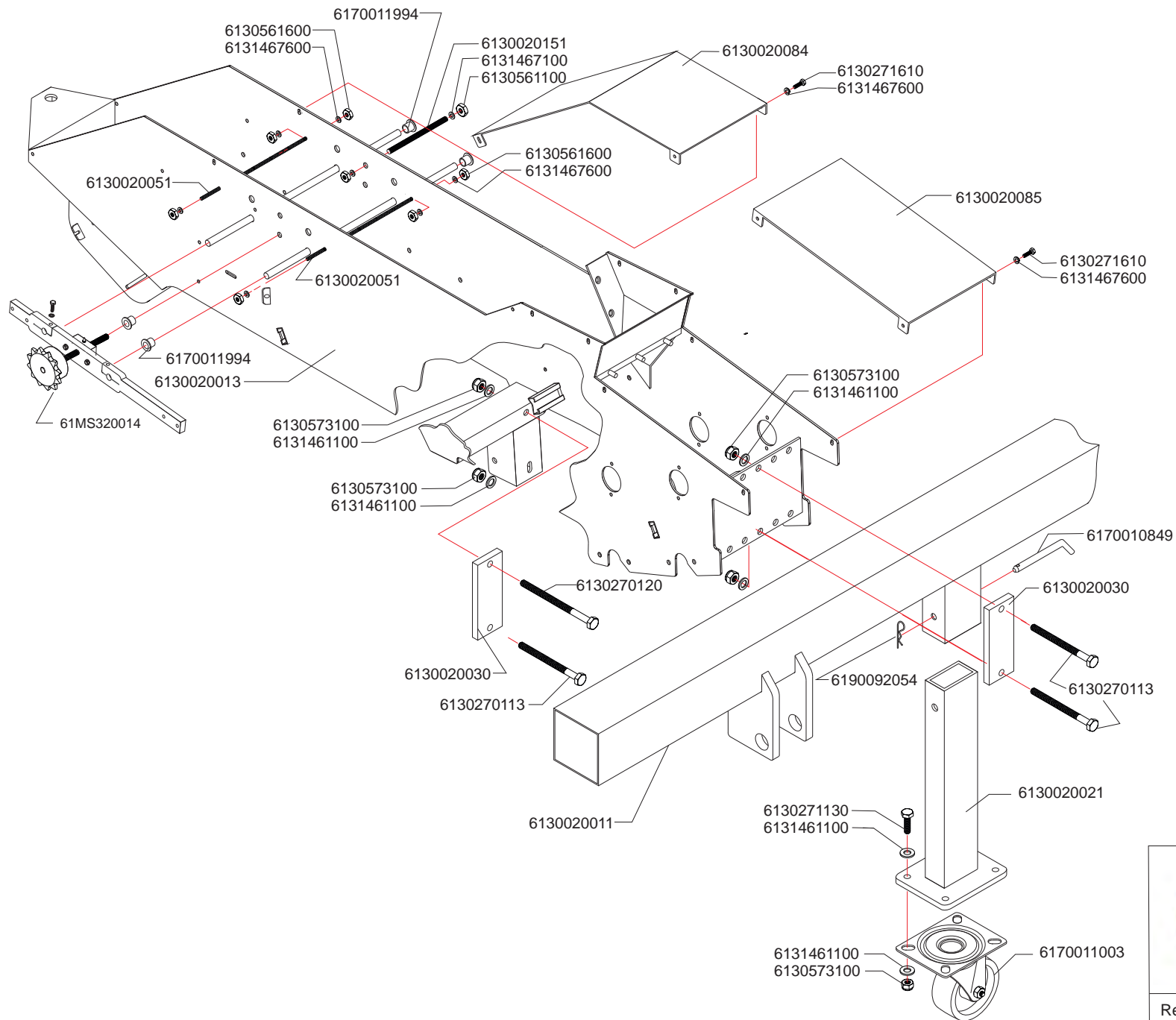
nr: 301-6-B



Revisie:07-10-11

P.P.


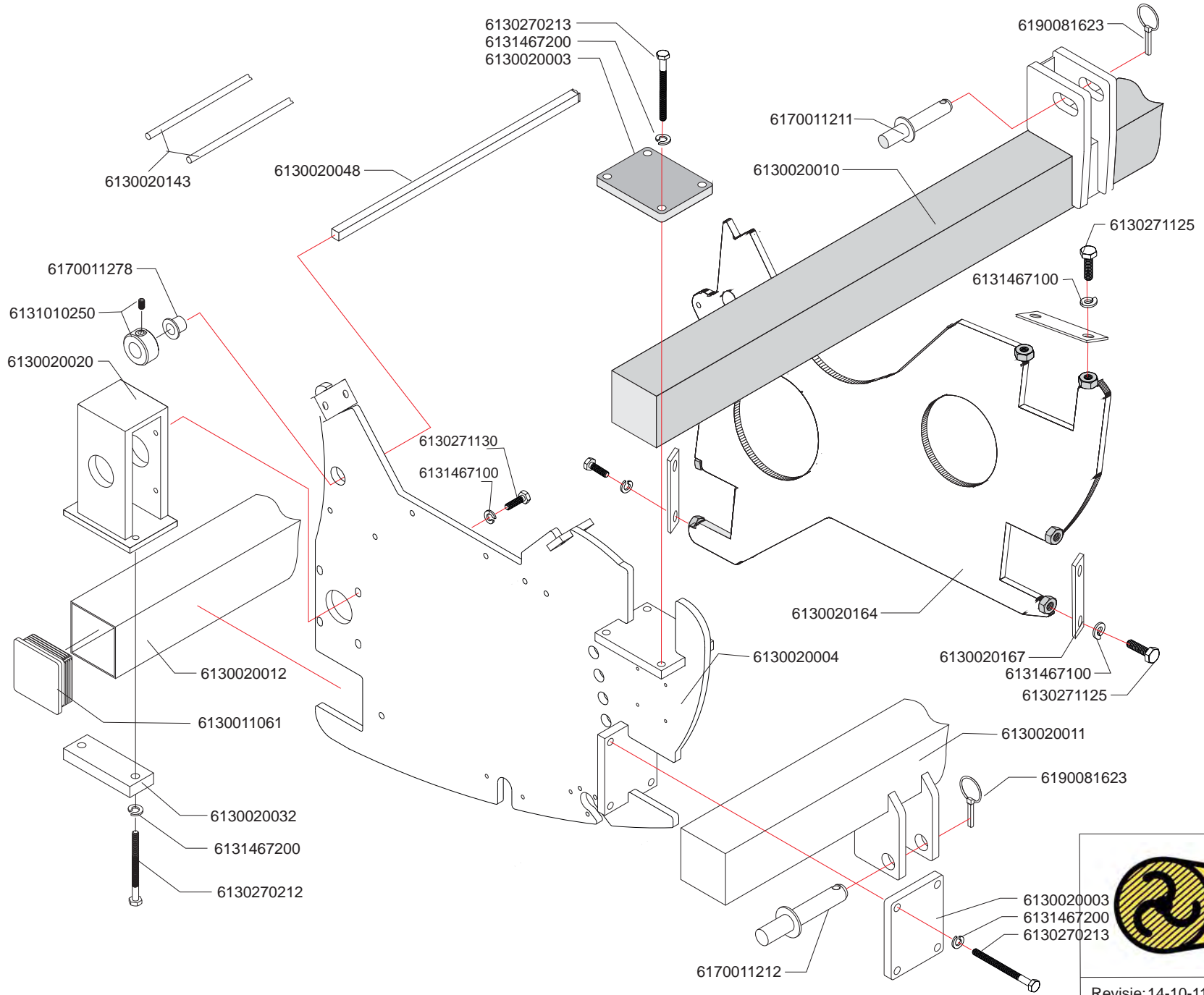
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WIFO

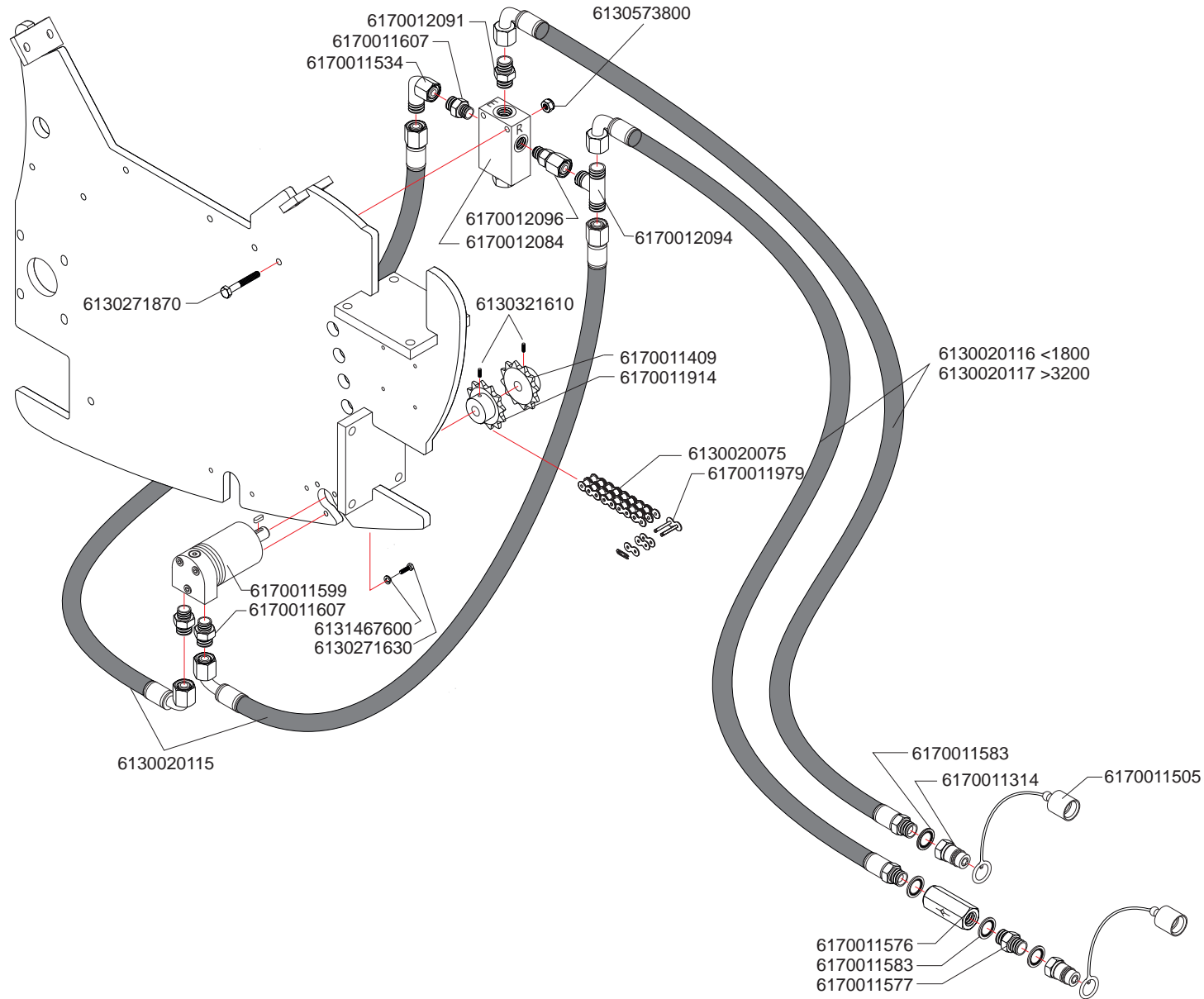
Revisie: 07-10-11	P.P	nr: 301-8-A
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WIFO

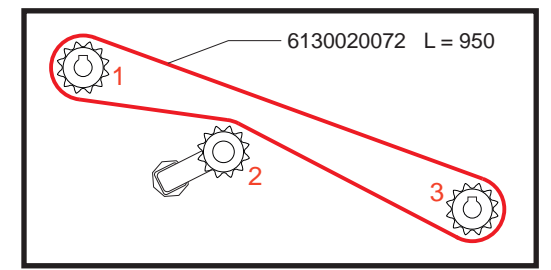
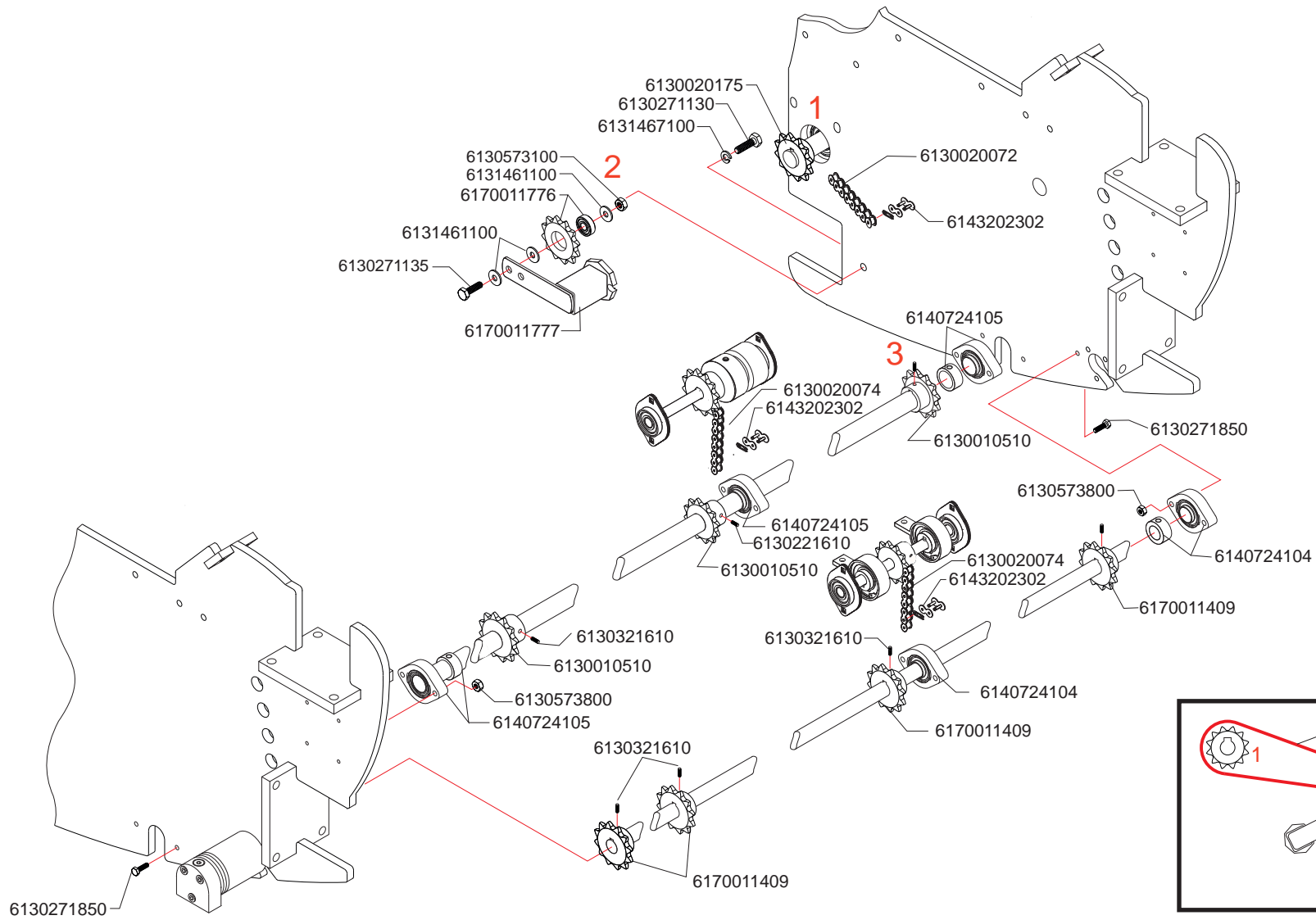
Revisie: 14-10-11	P.P.	nr: 301-9-A
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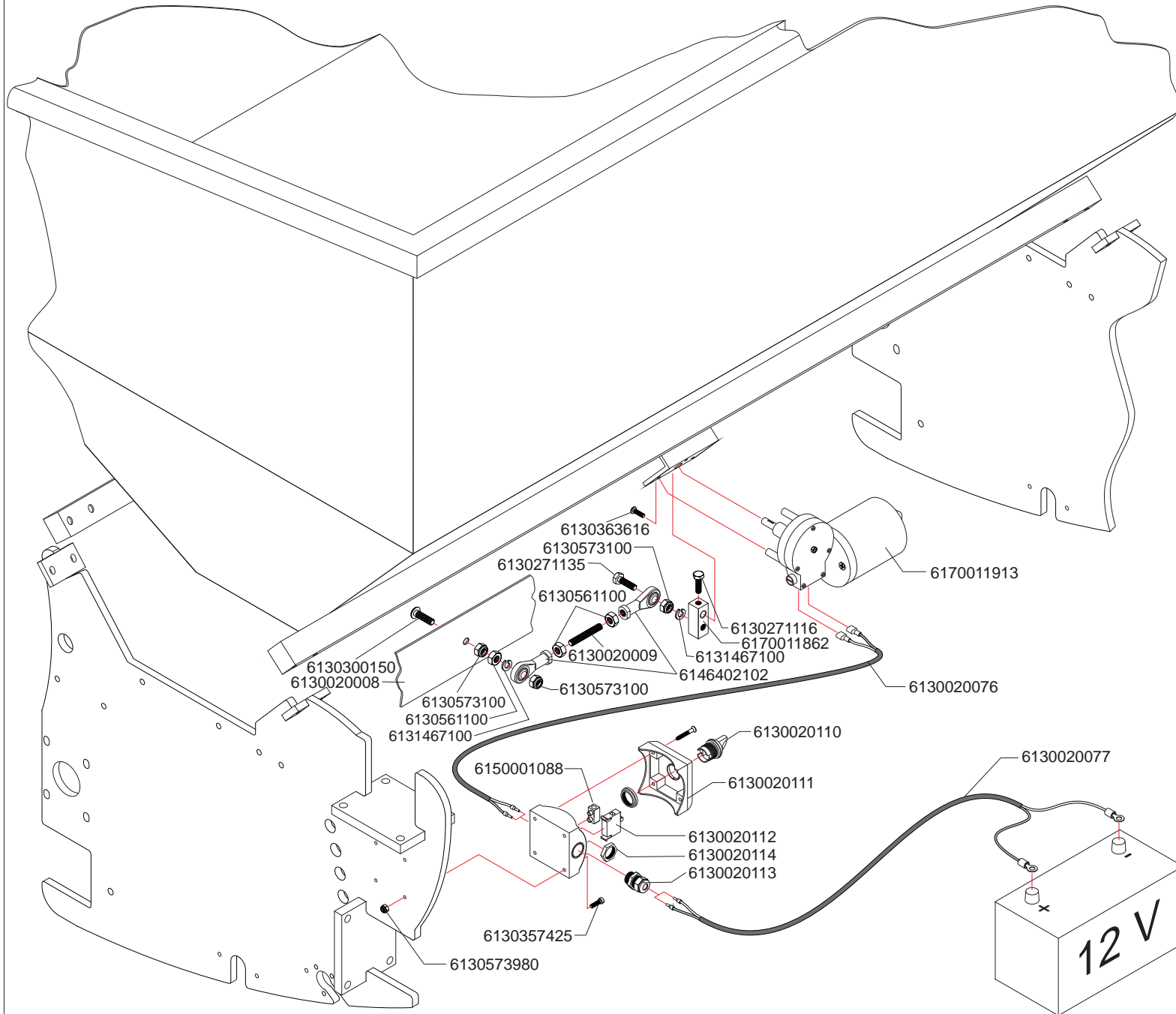


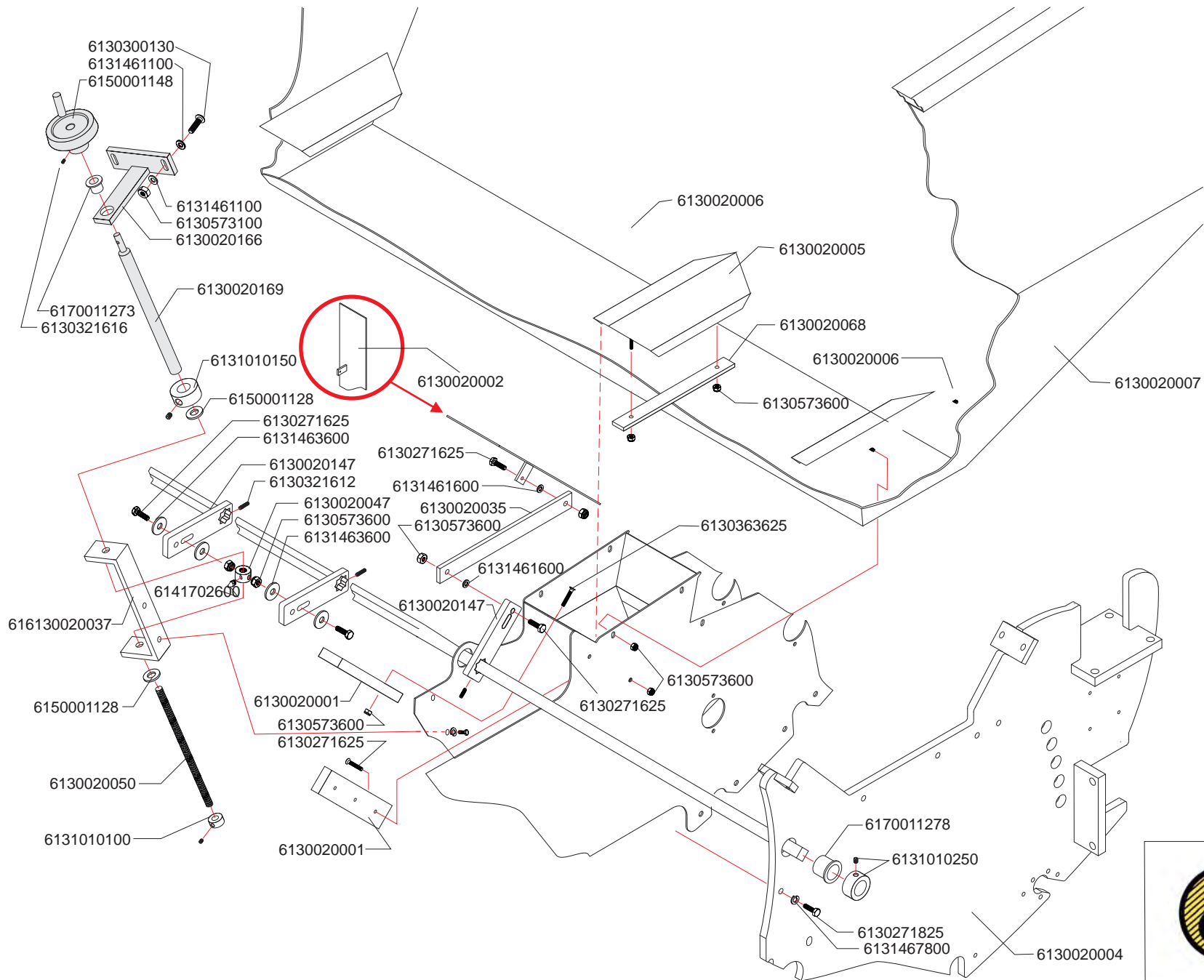
Revisie: 14-10-11

P.P.

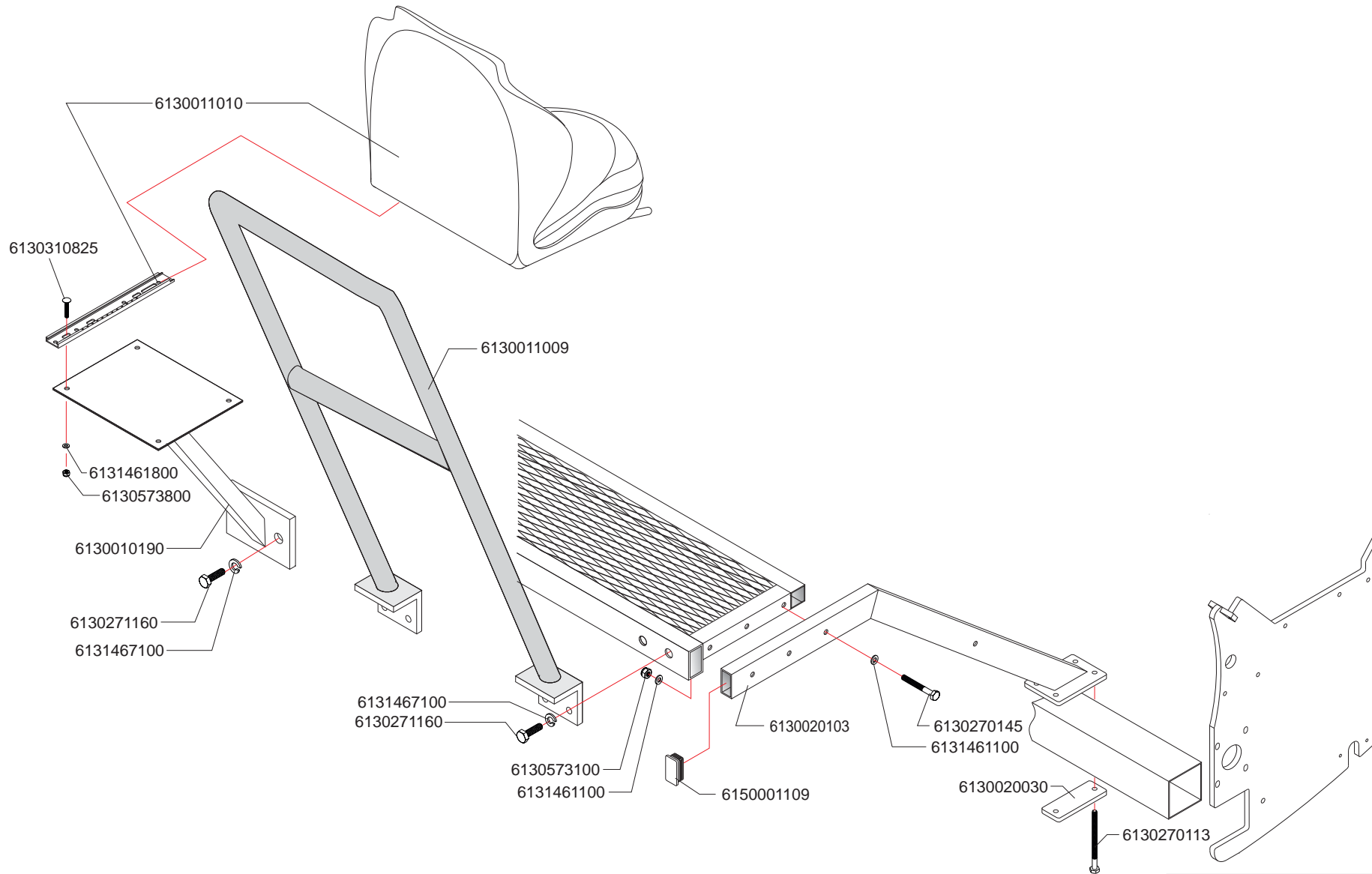
nr: 301-10-A

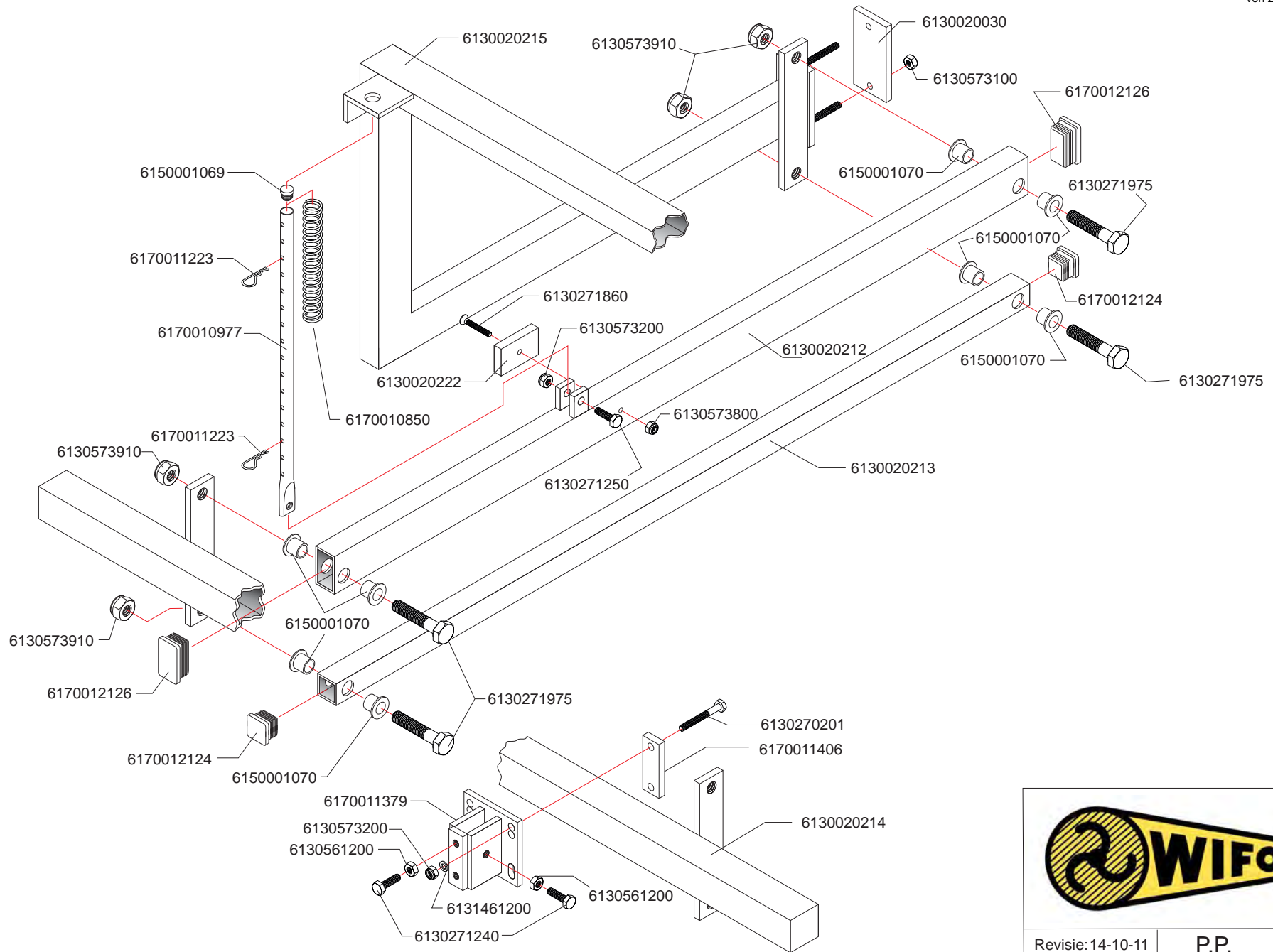




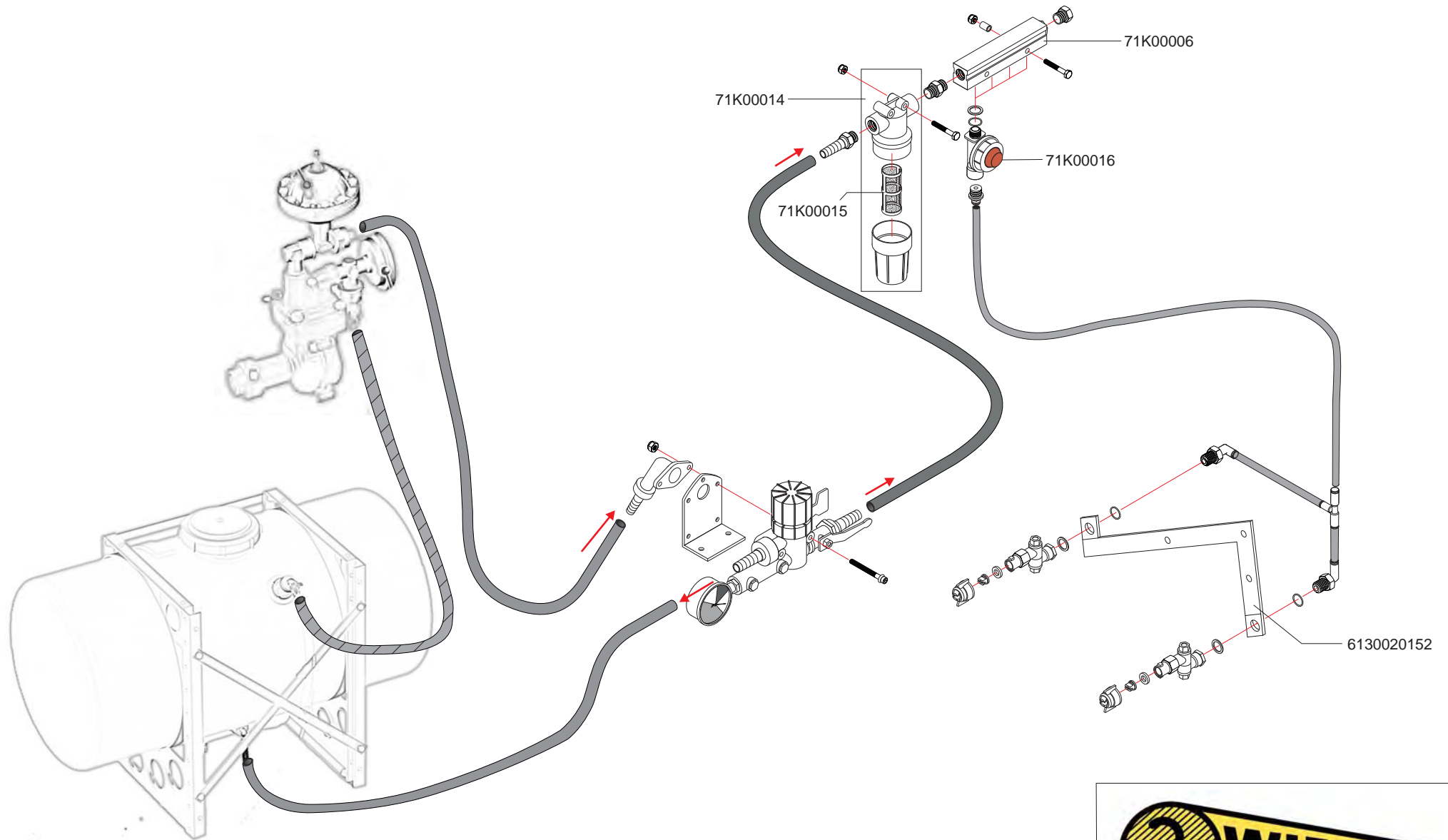


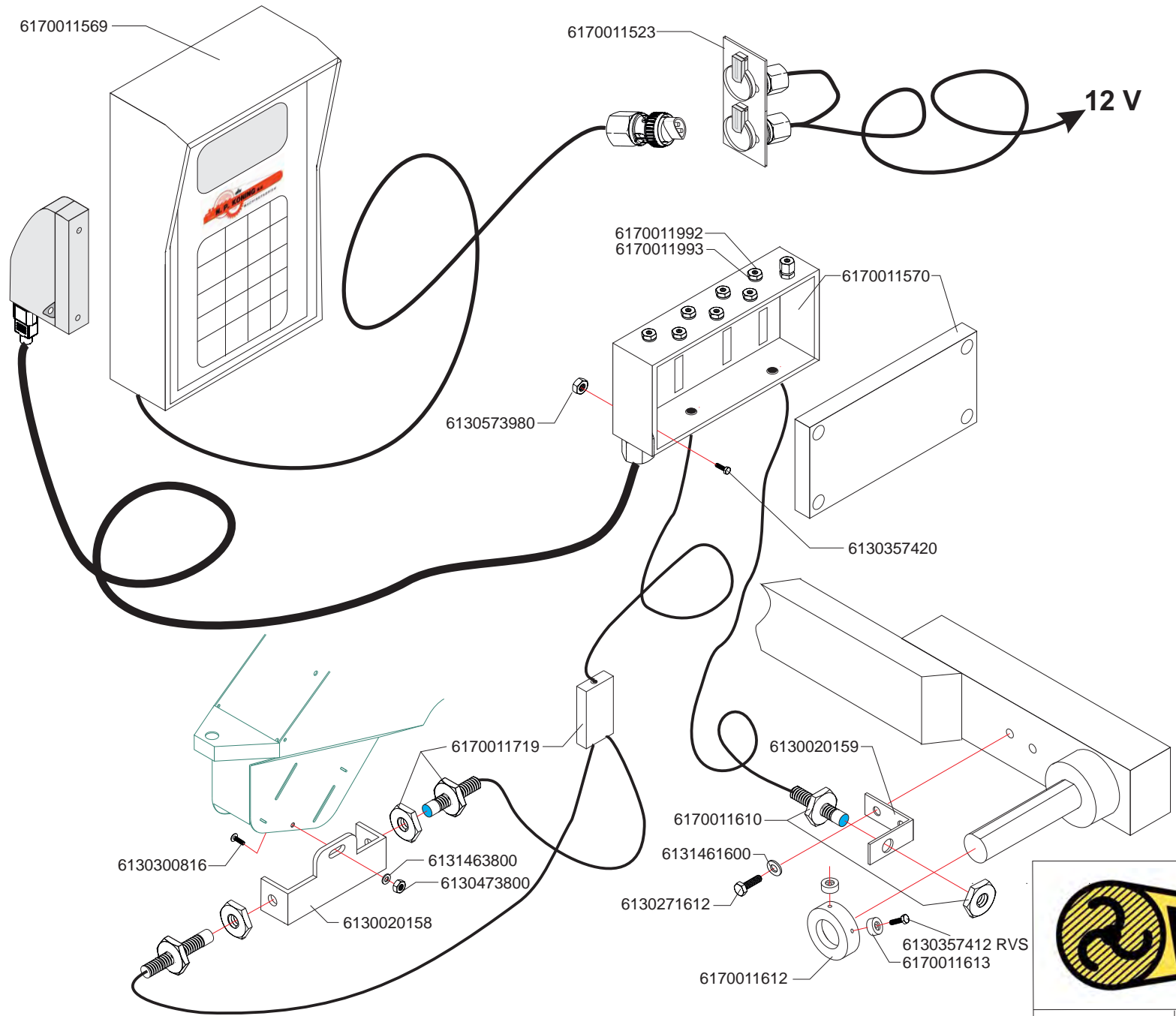


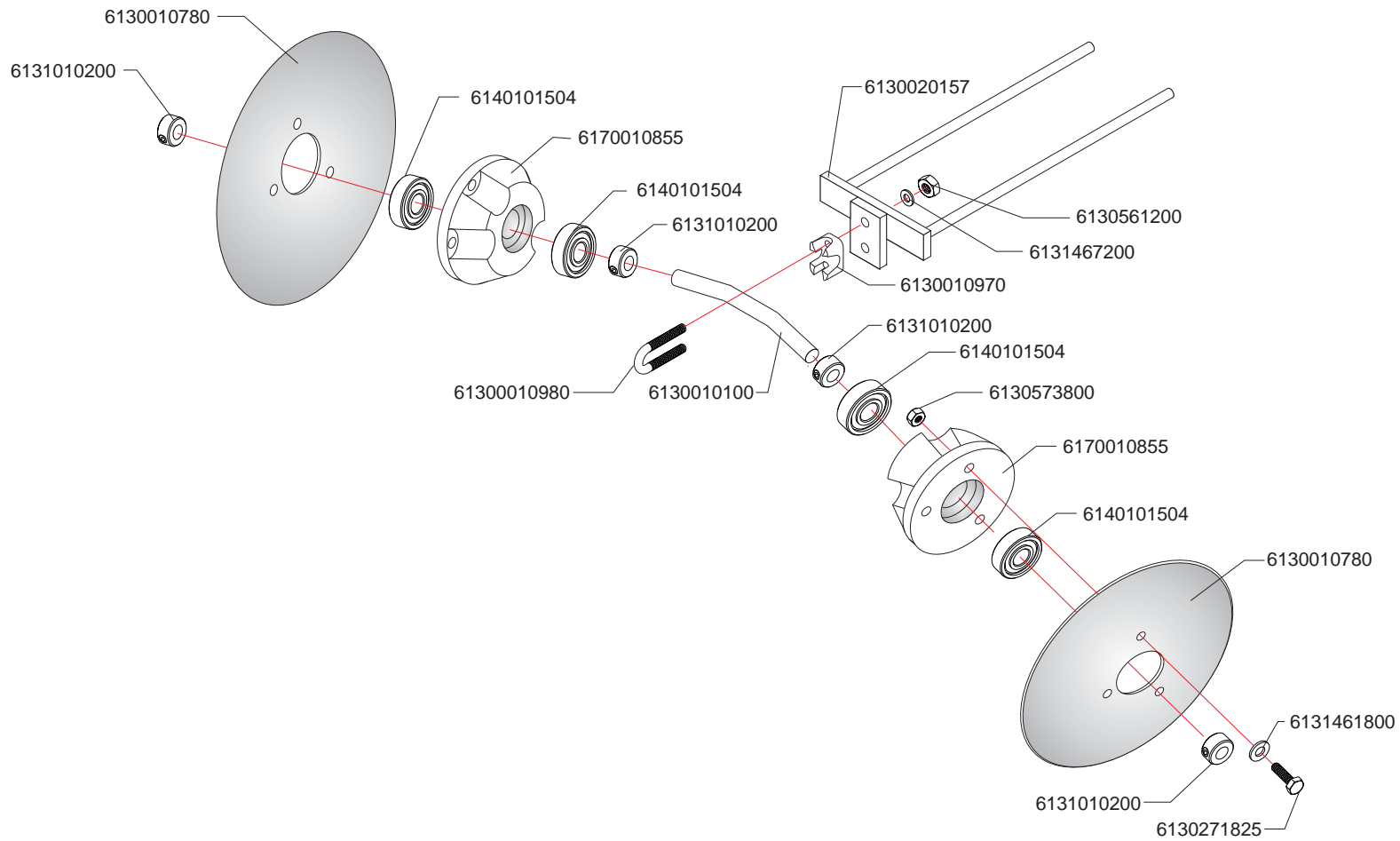


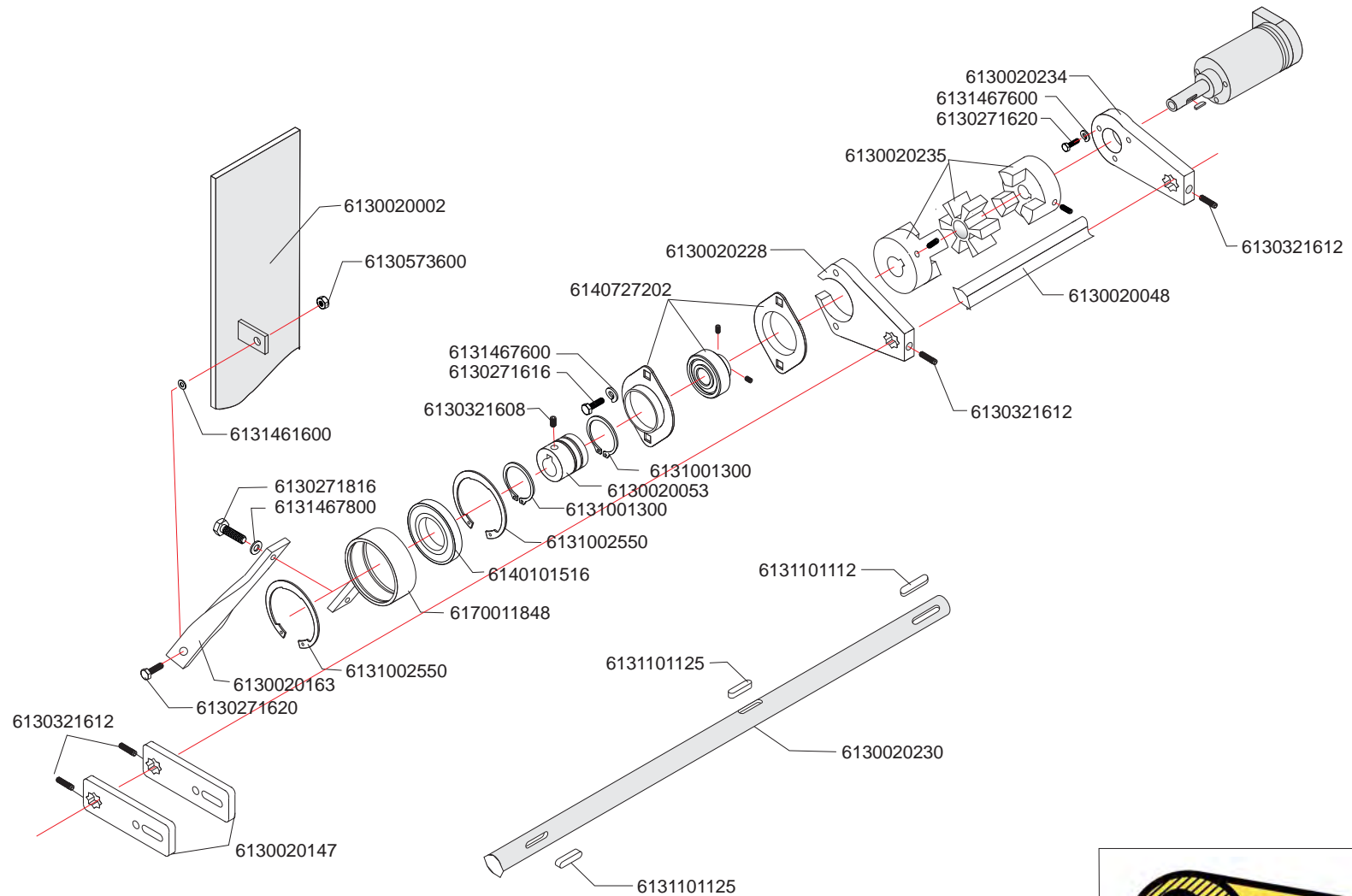


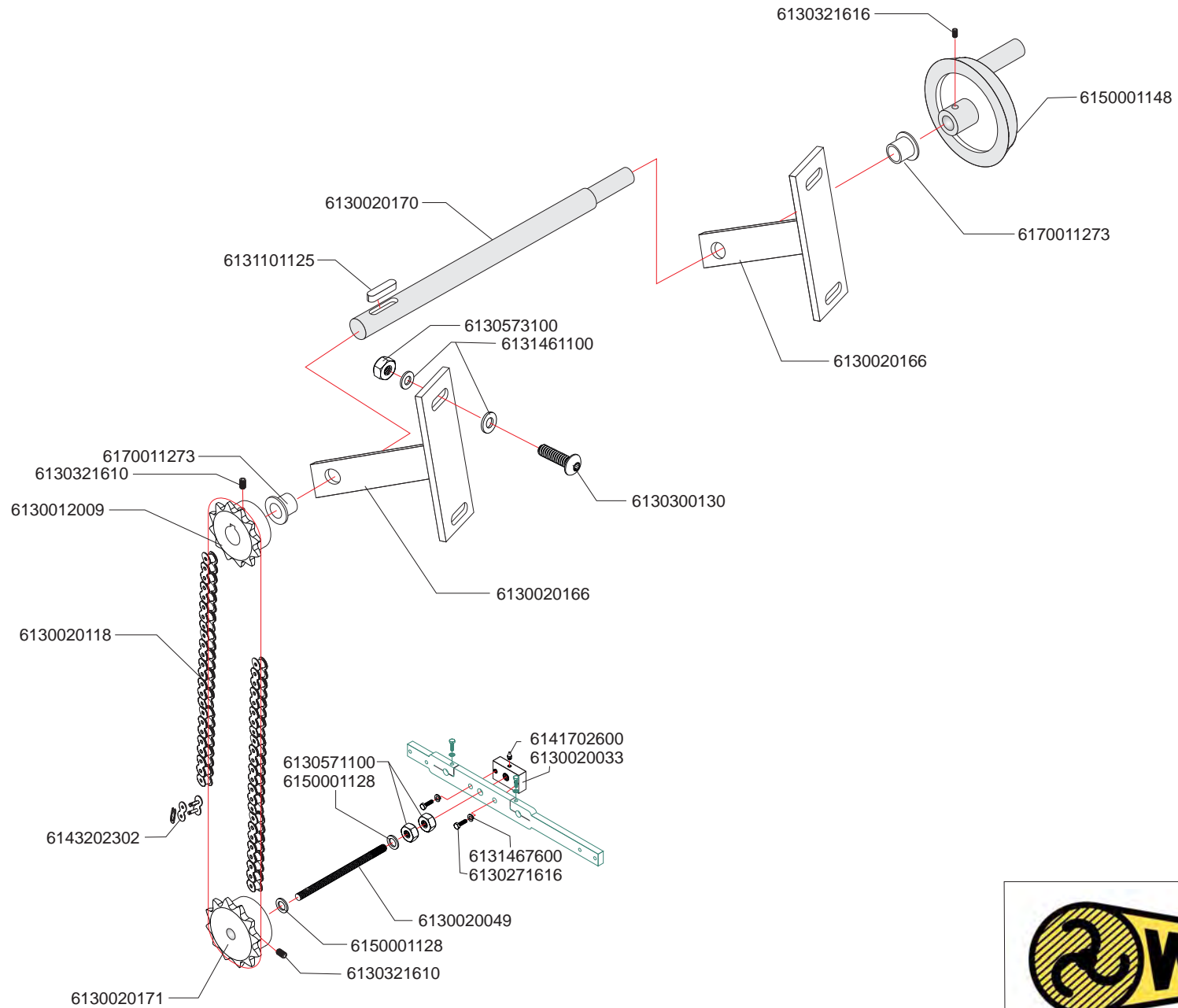





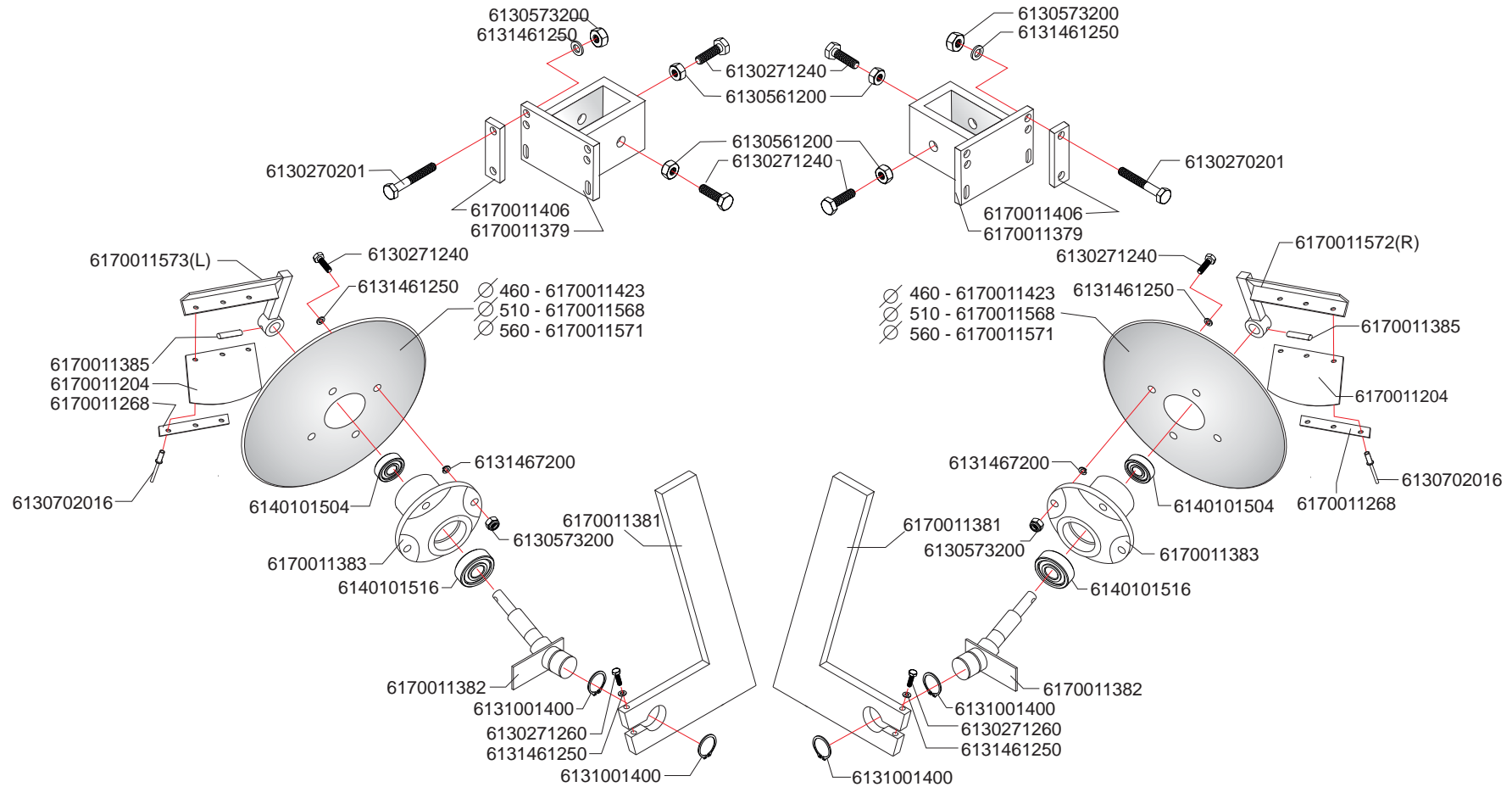




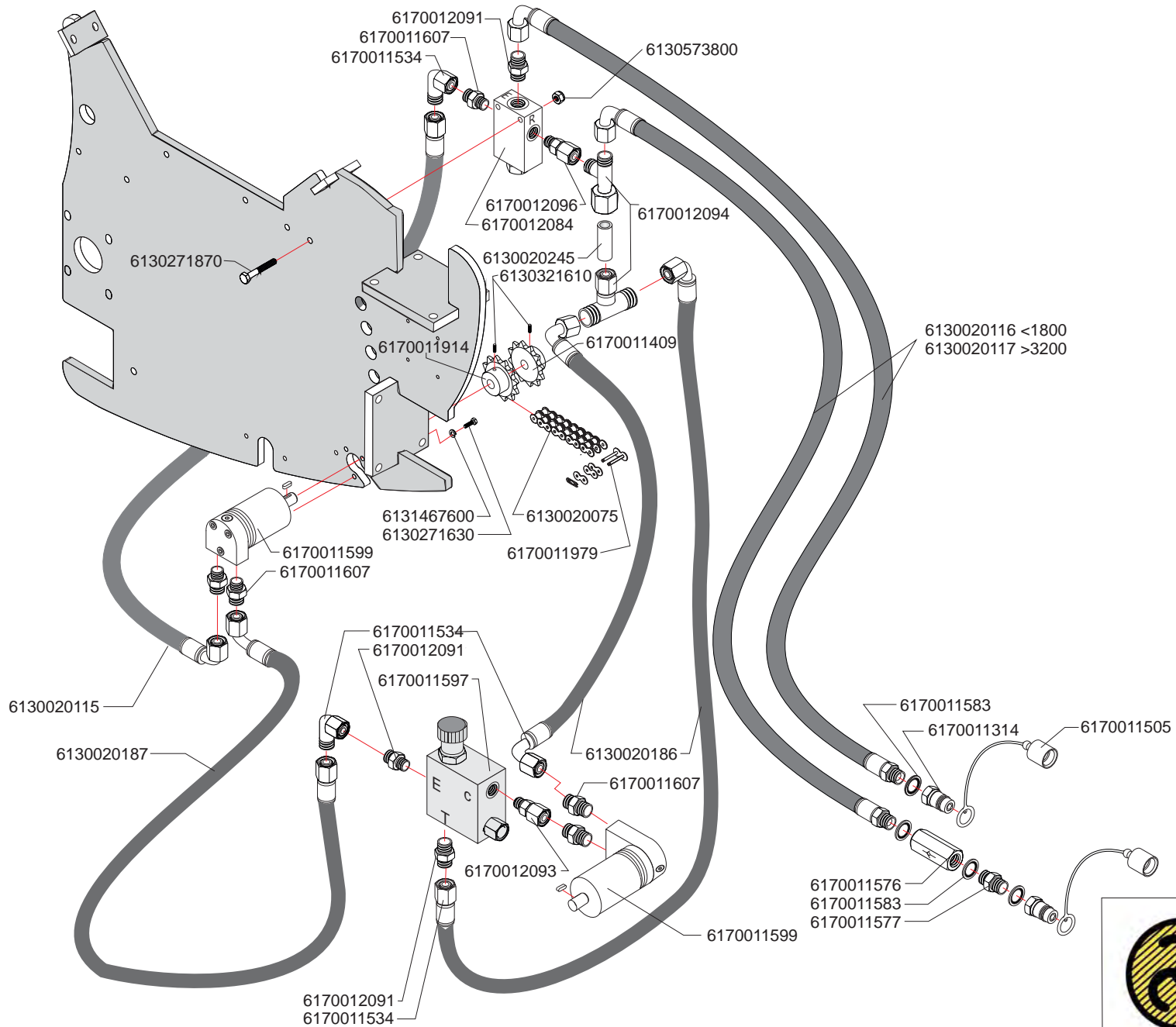


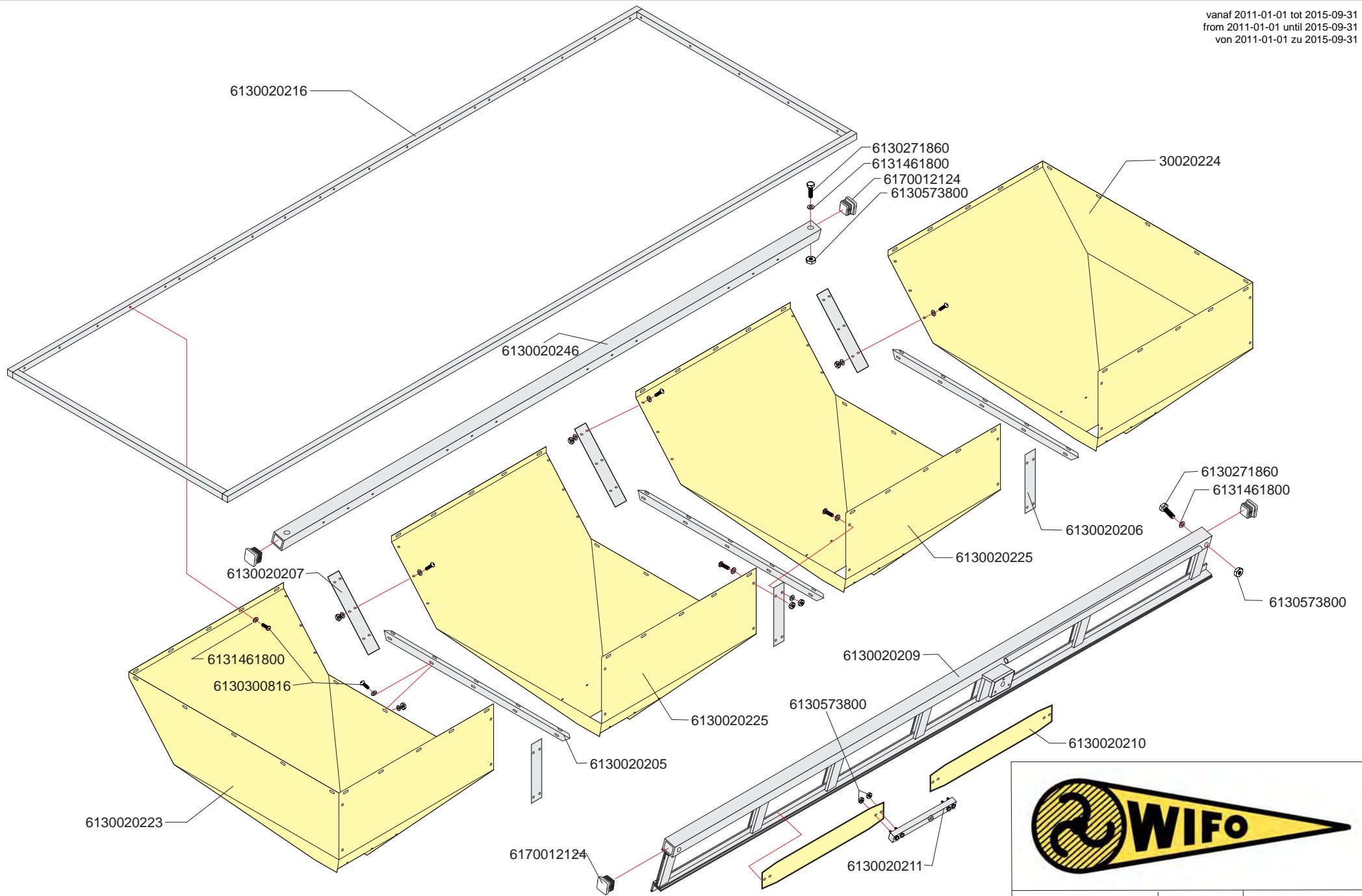


Revisie: 14-10-11	P.P.	nr: 301-21-A
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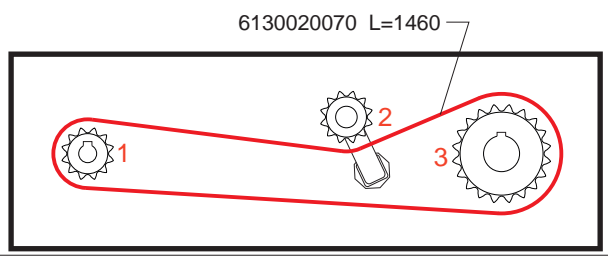
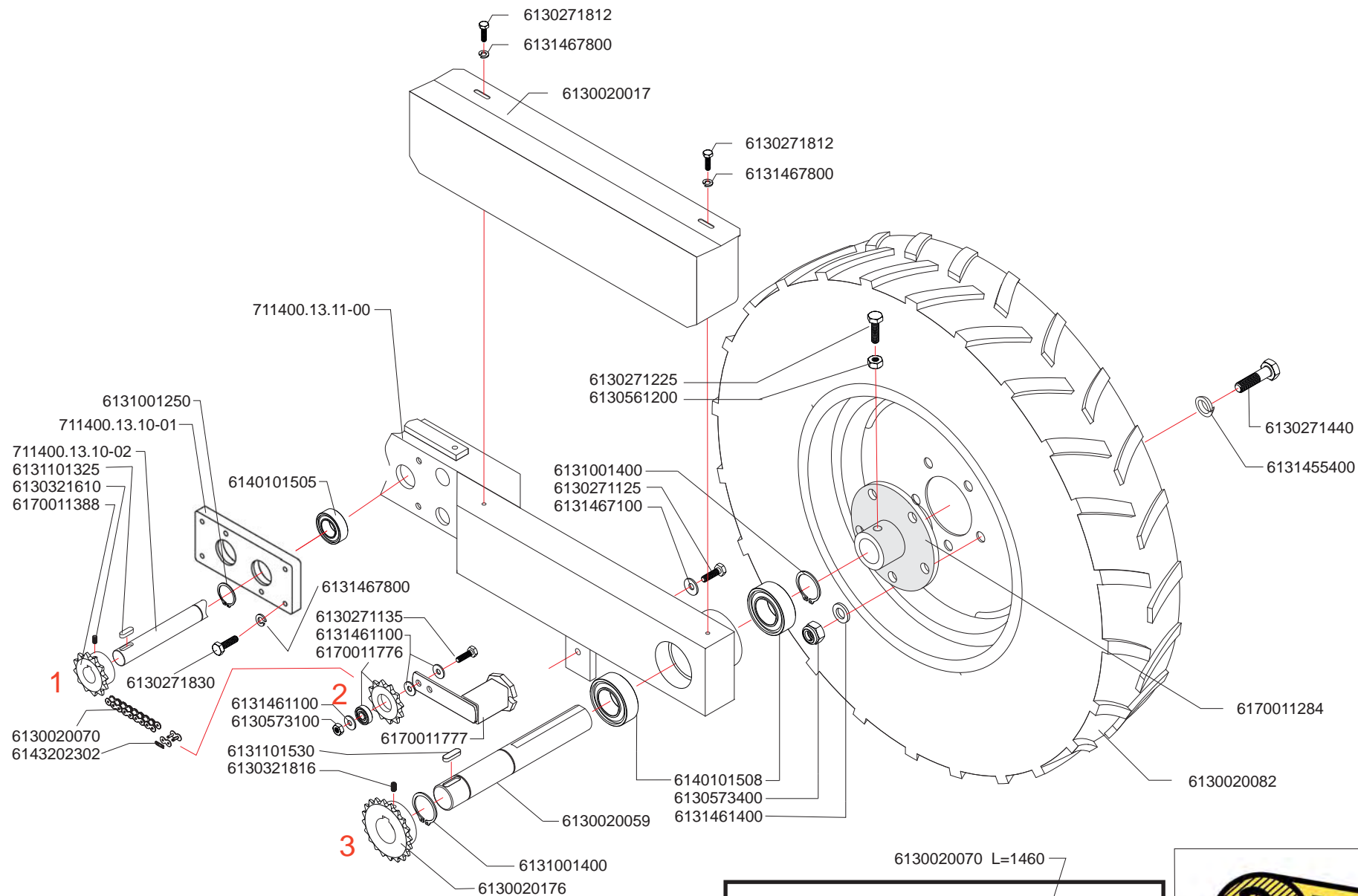
Revisie: 14-10-11	M.P.	nr: 301-22-A
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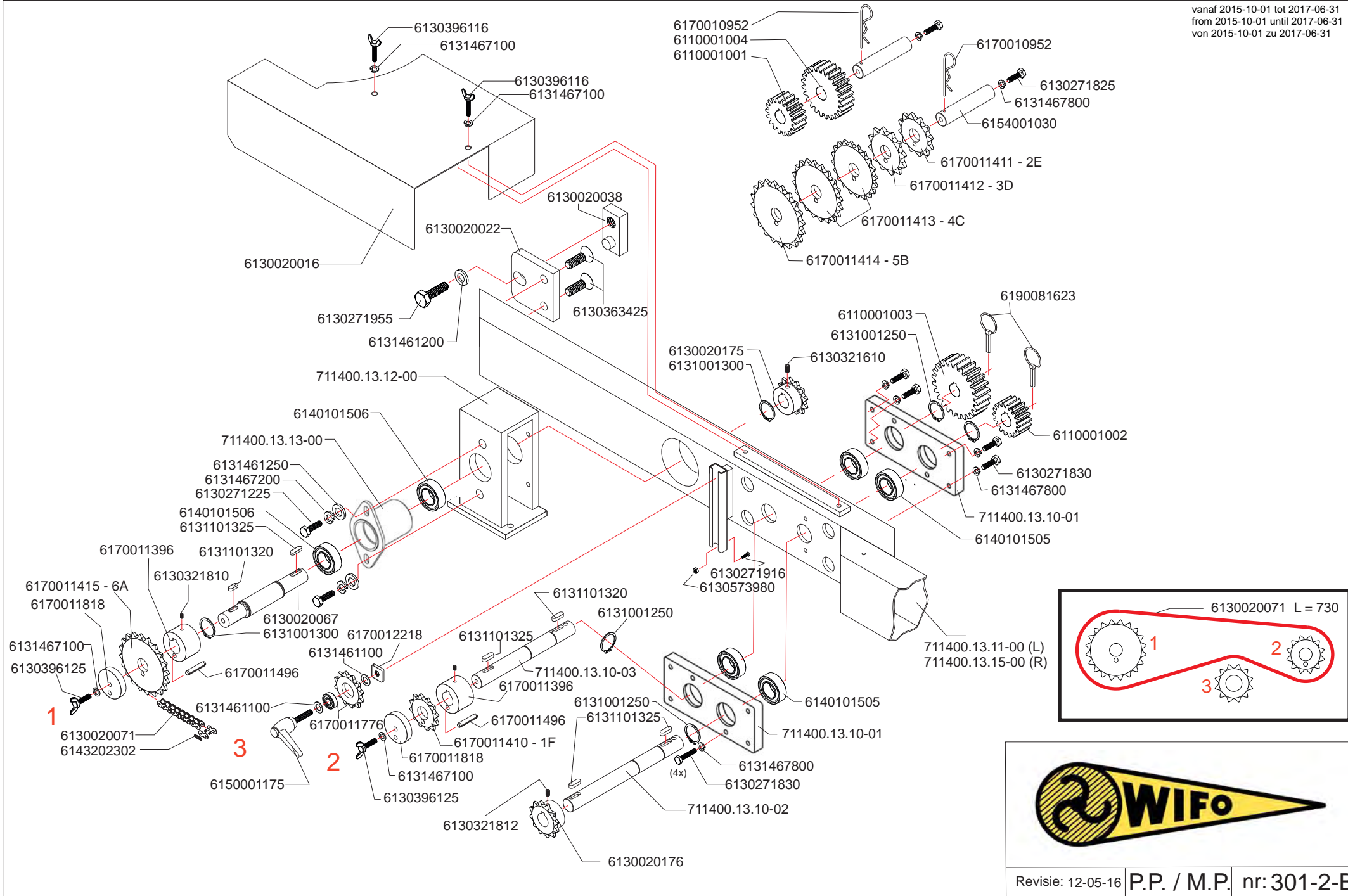




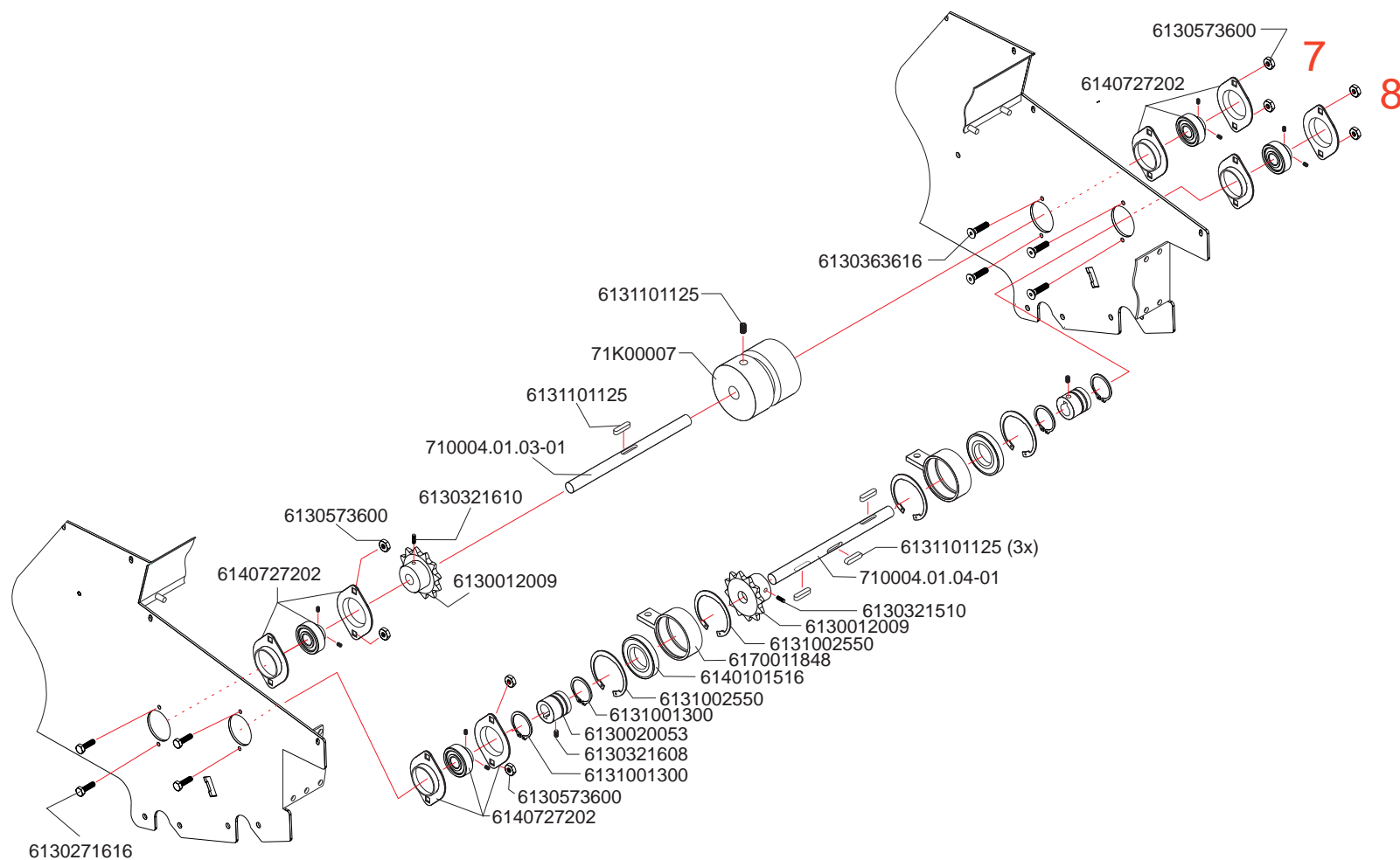
Geldig vanaf 2015-10-01 tot 2017-06-31  
Valid from 2015-10-01 until 2017-06-31  
Gültig von 2015-10-01 zu 2017-06-31



Revisie: 12-05-16 P.P. / M.P. nr: 301-1-B



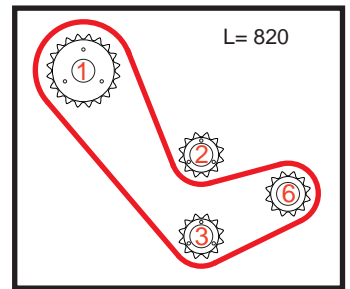
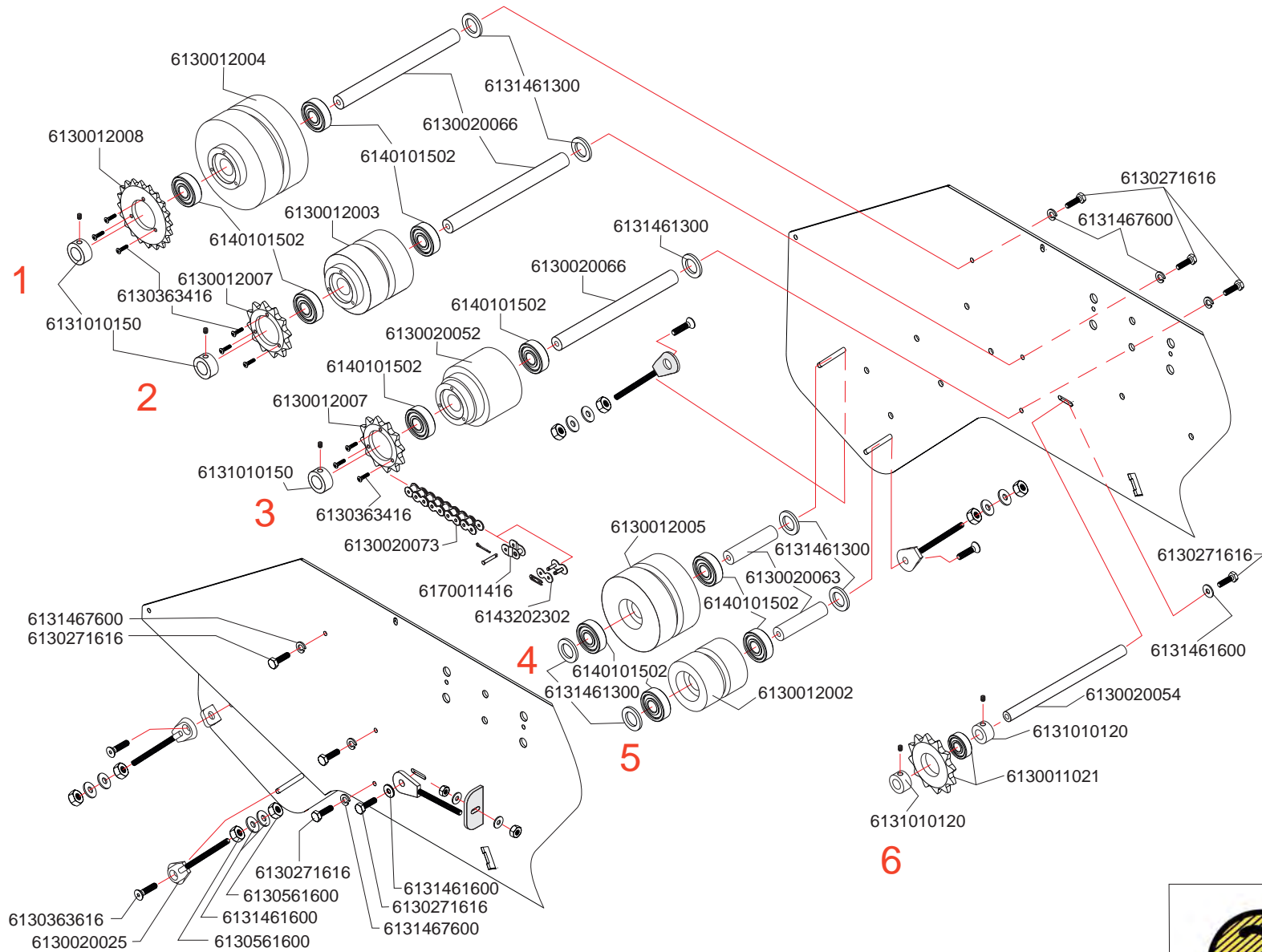




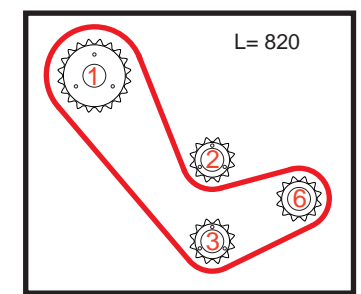
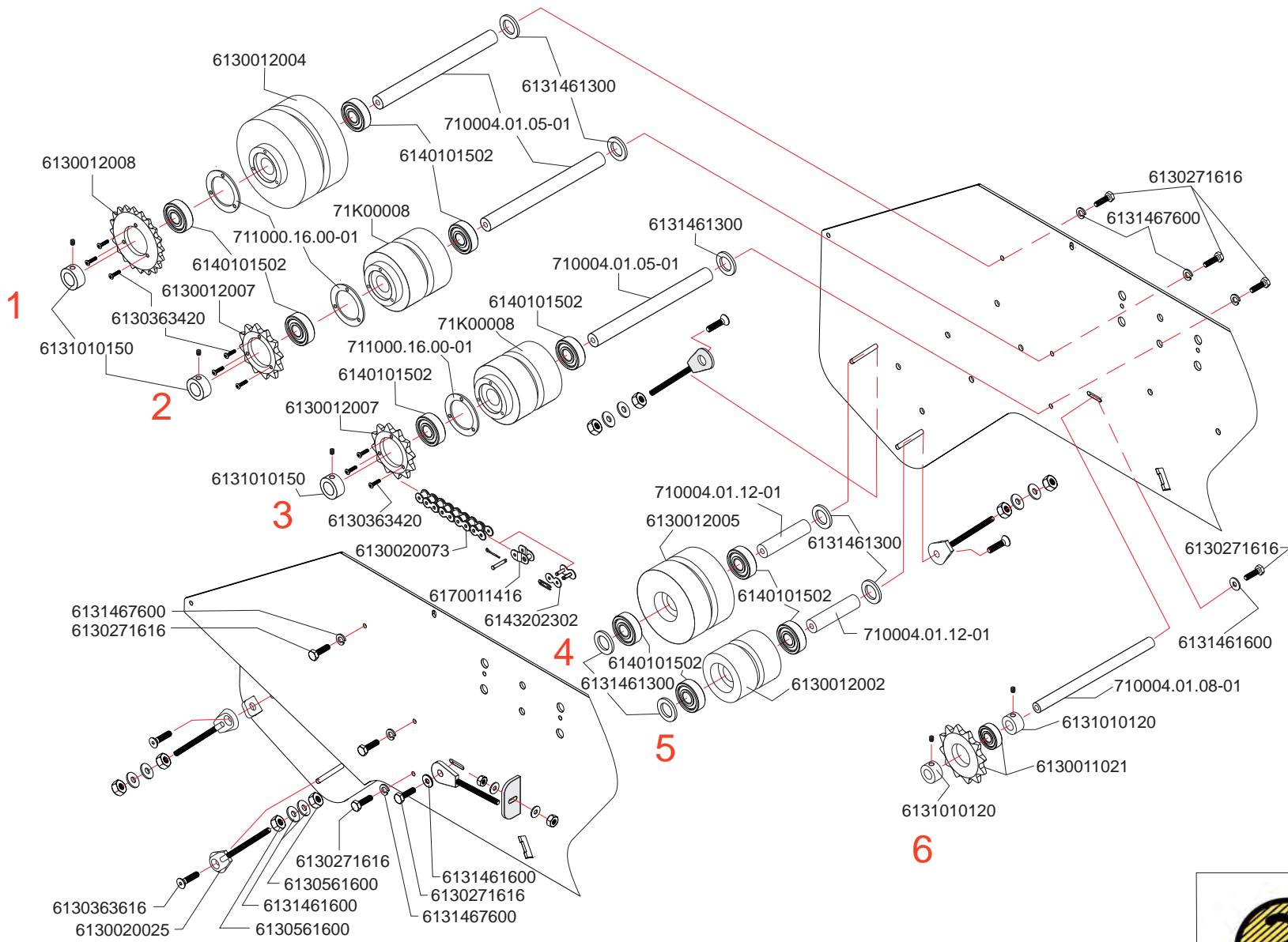
Revisie: 12-05-16

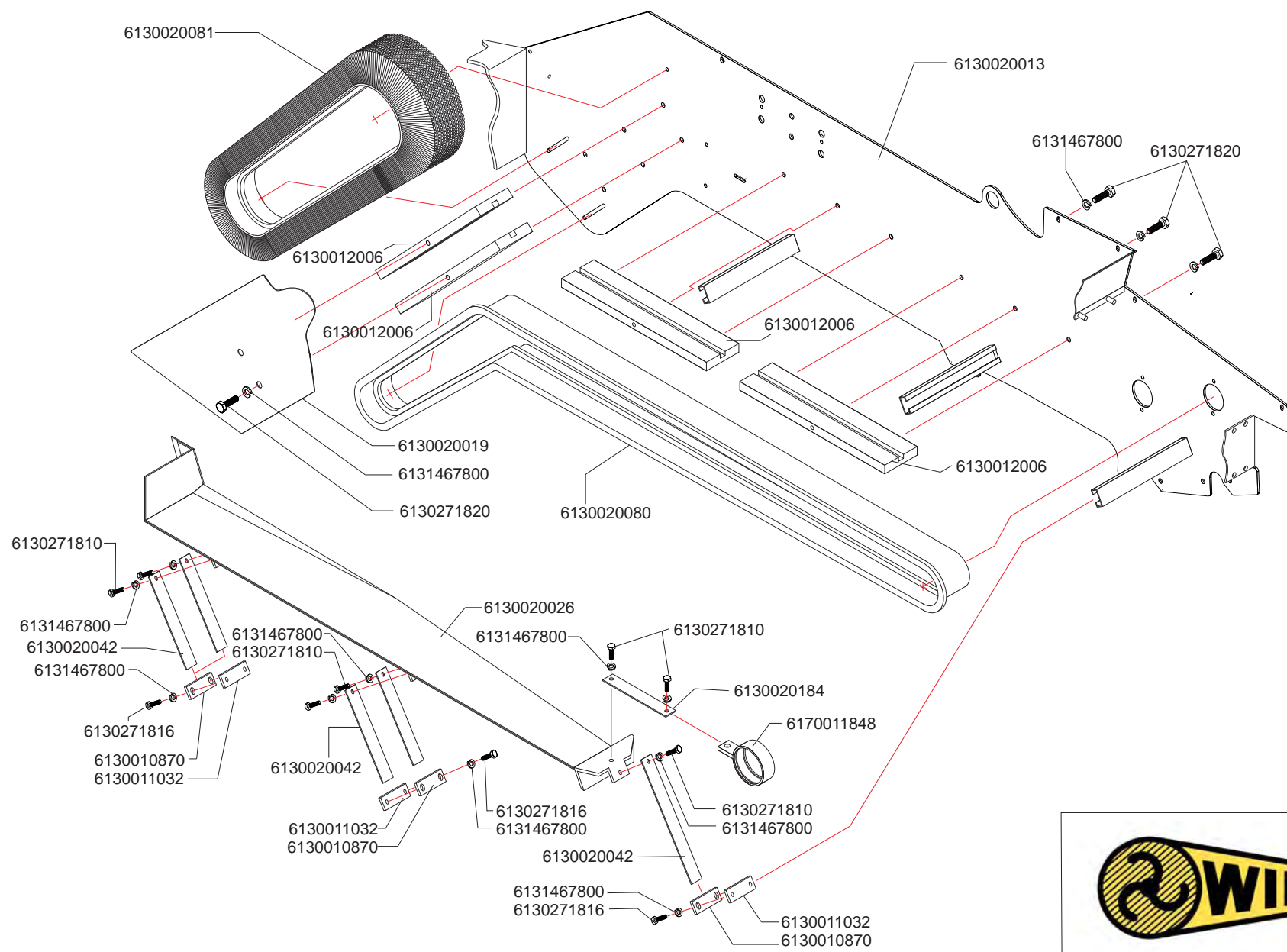
P.P.W.

nr:301-3W-A



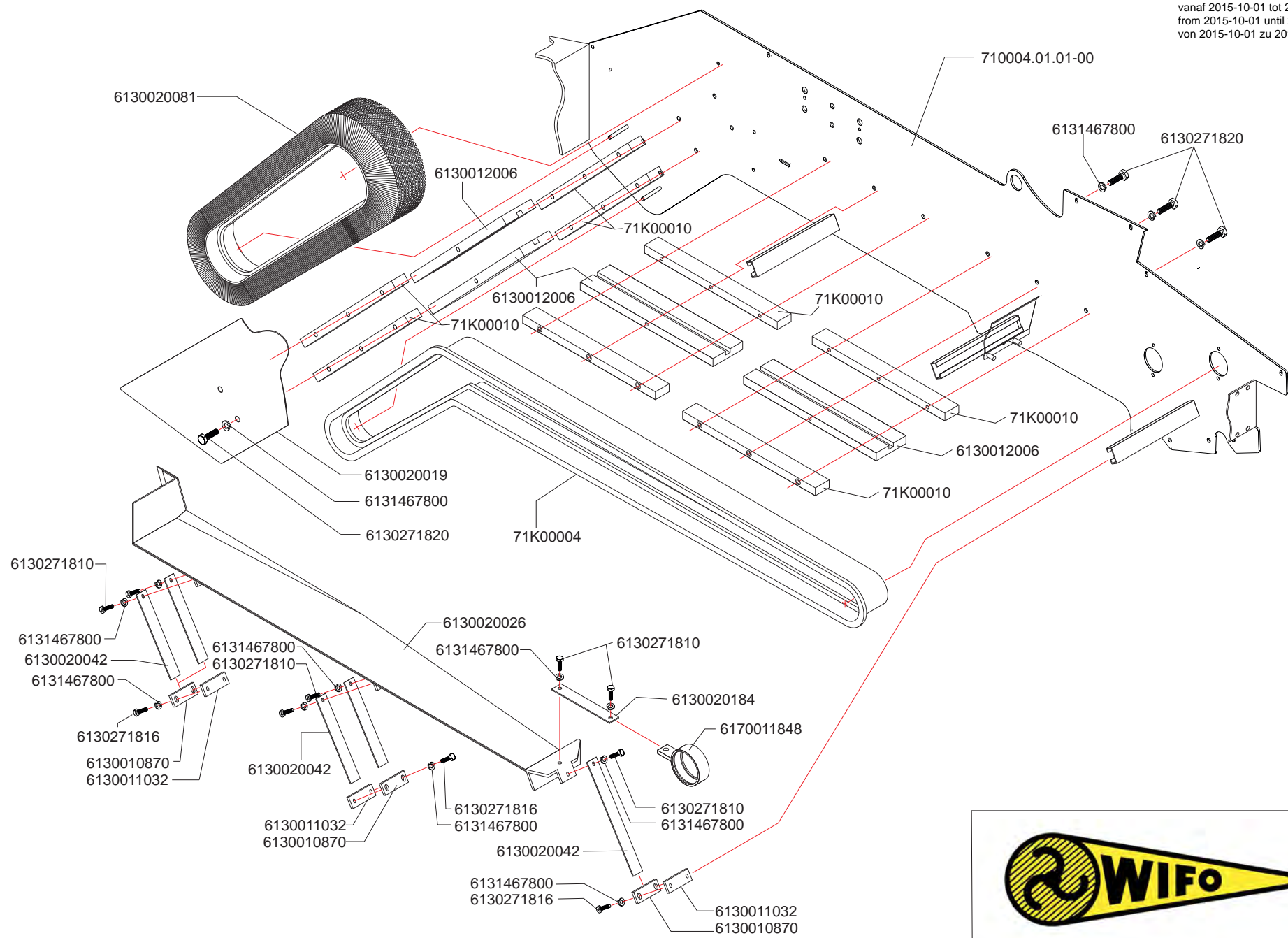
Revisie: 12-05-16 | P.P. | nr: 301-4-A



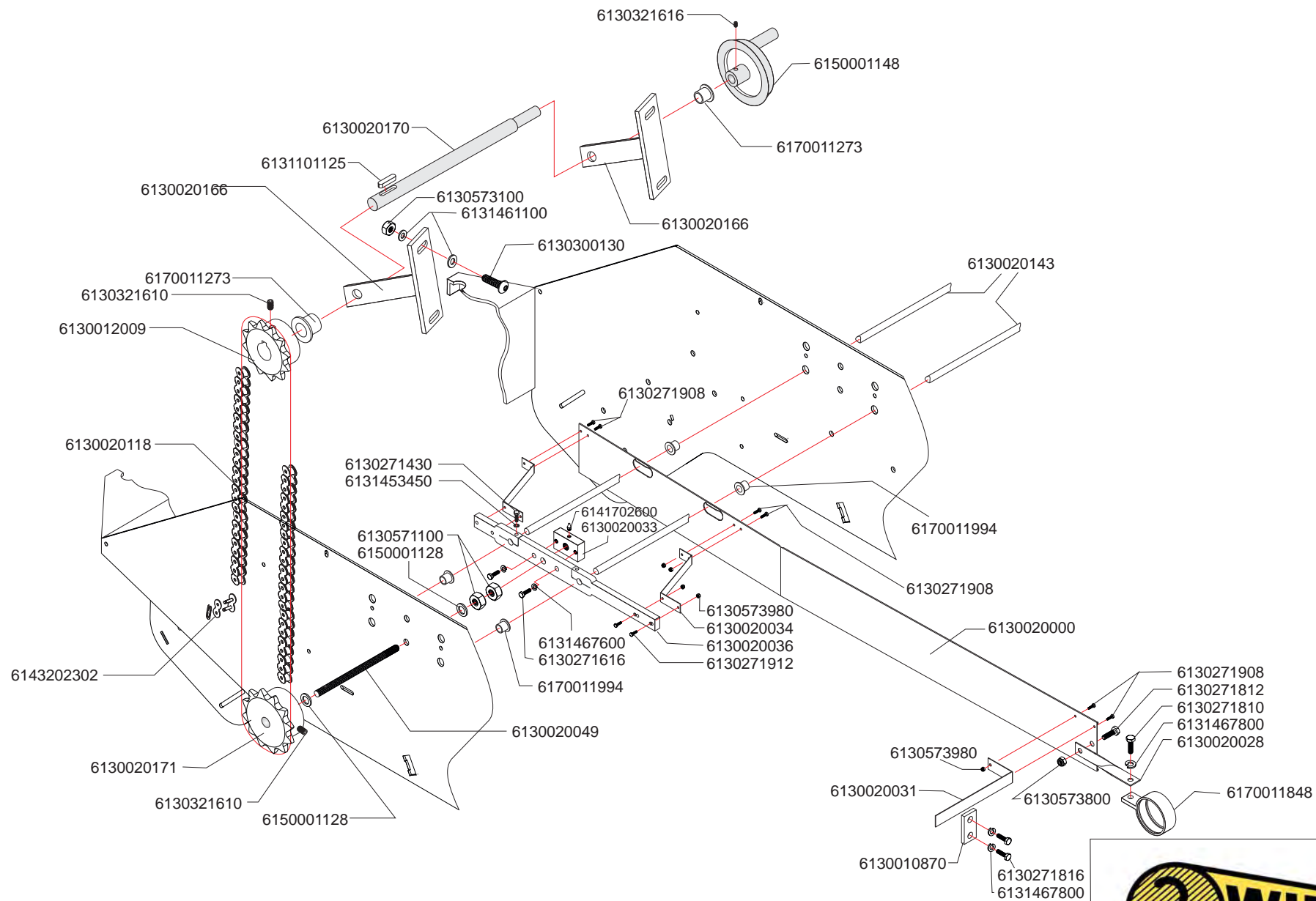




vanaf 2015-10-01 tot 2017-06-31  
from 2015-10-01 until 2017-06-31  
von 2015-10-01 zu 2017-06-31



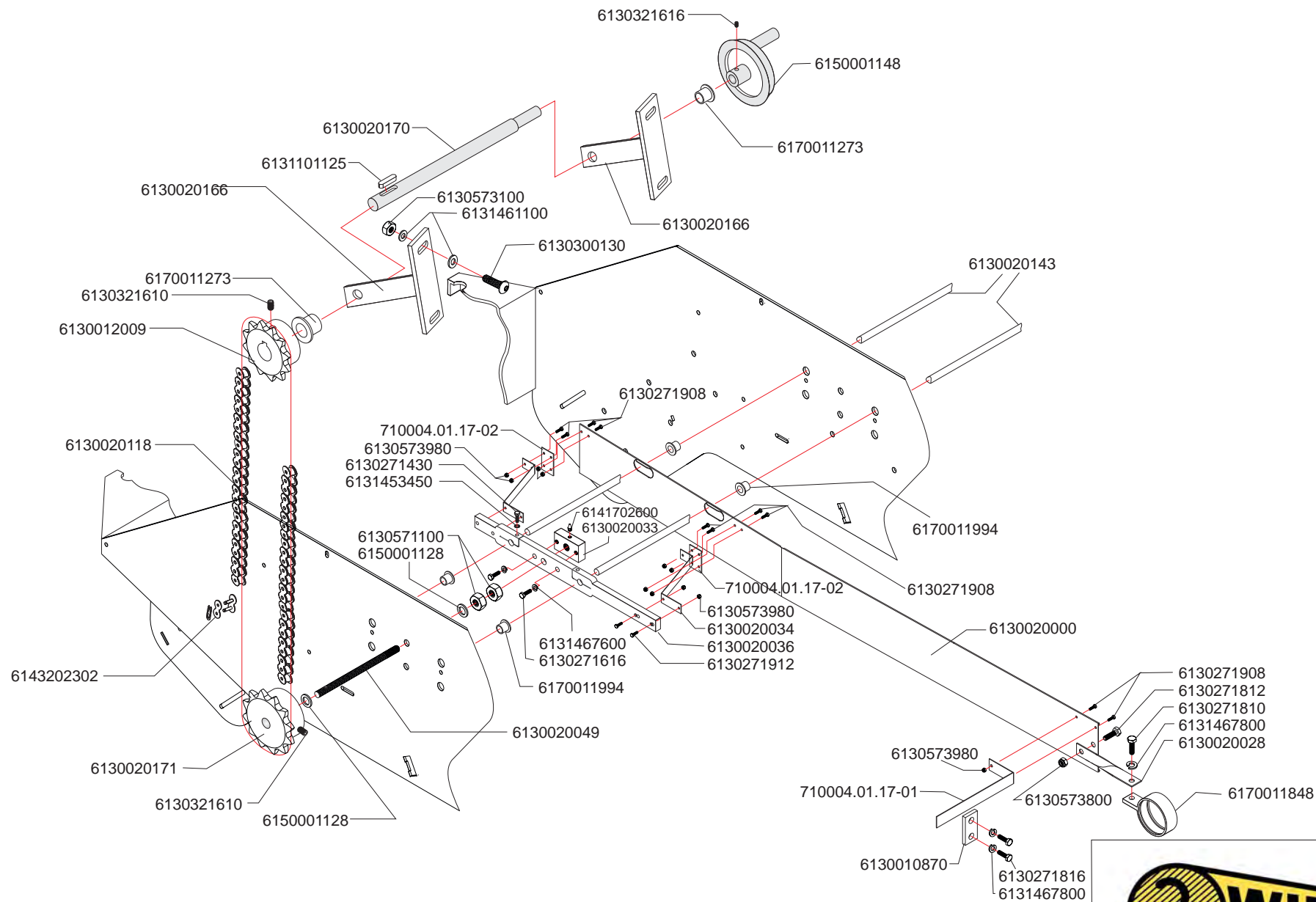
Revisie: 12-05-16 | P.P.W. | nr:301-5W-A



Revisie: 13-05-16

P.P.

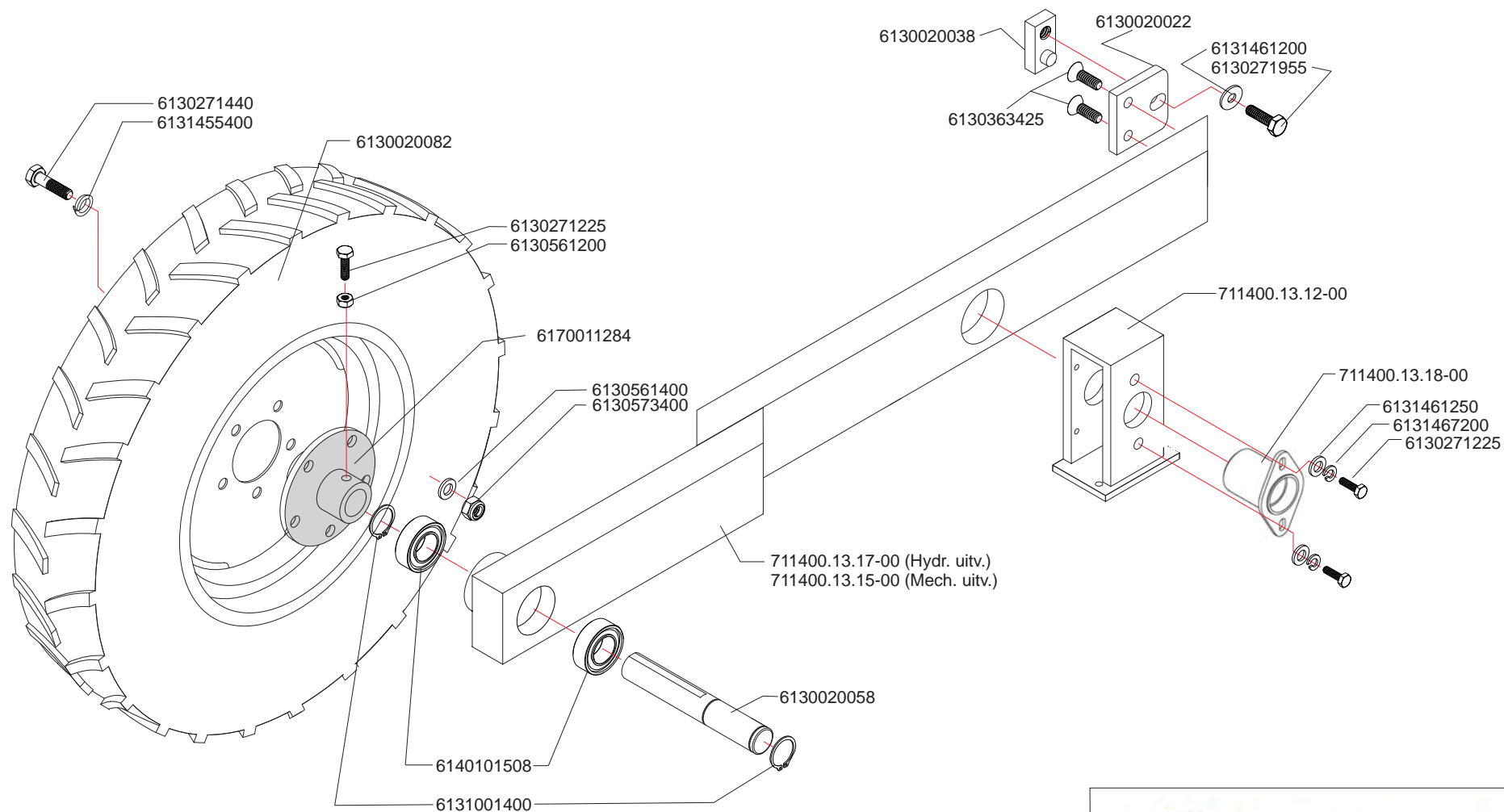
nr: 301-6-B

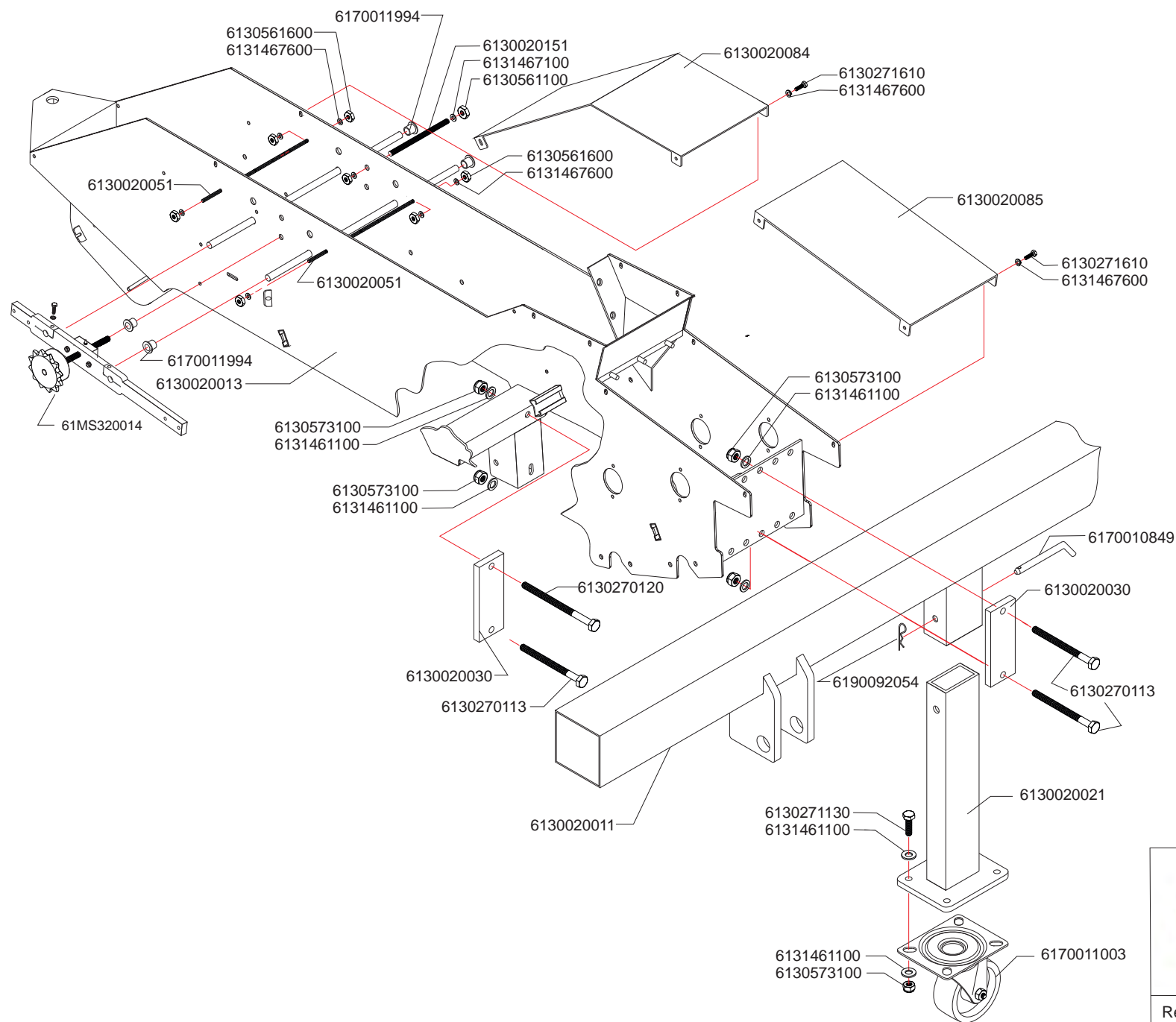


Revisie: 13-05-16

P.P.W.

nr: 301-6W-B

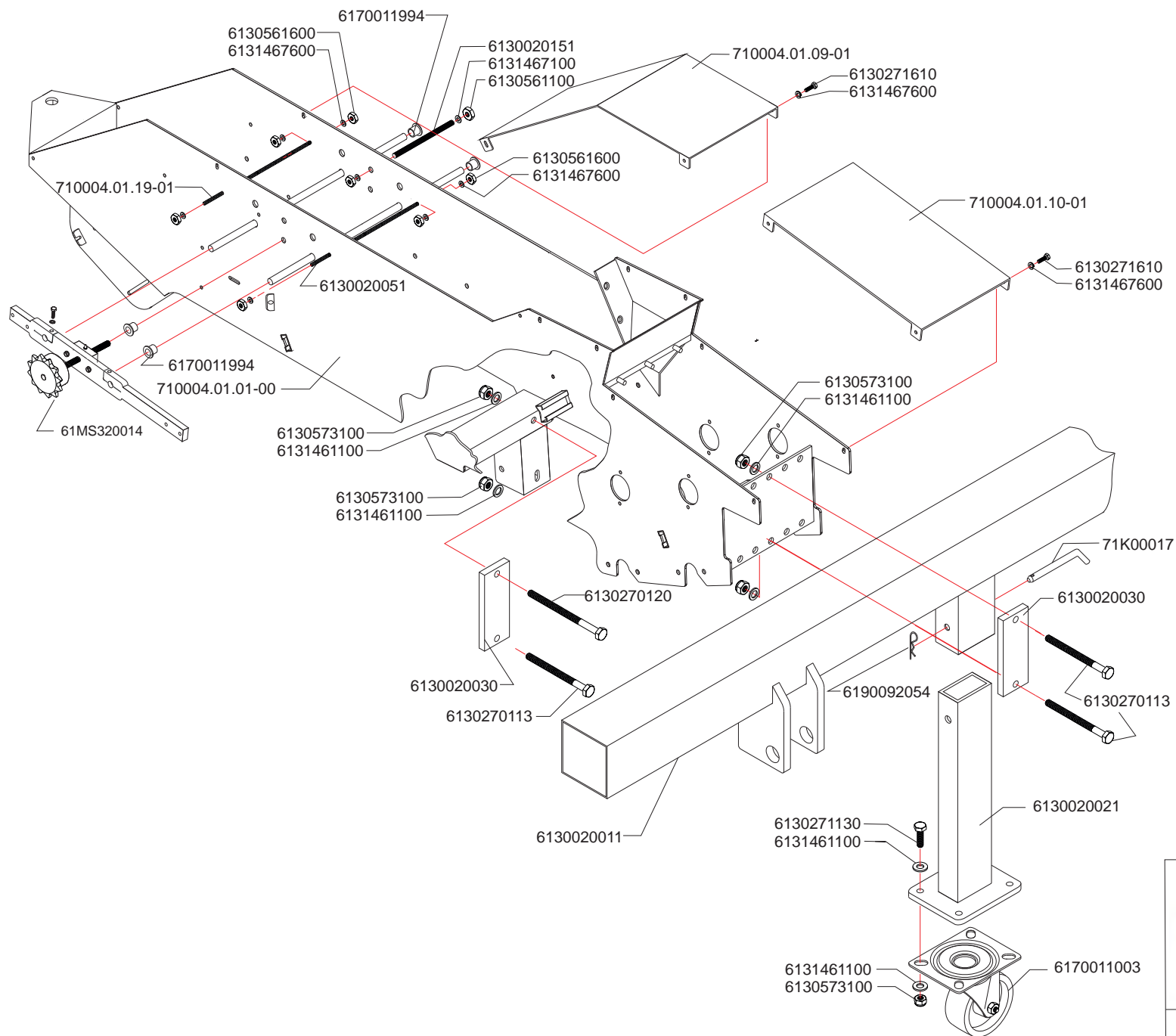




Revisie: 18-05-16

P.P.

nr: 301-8-A


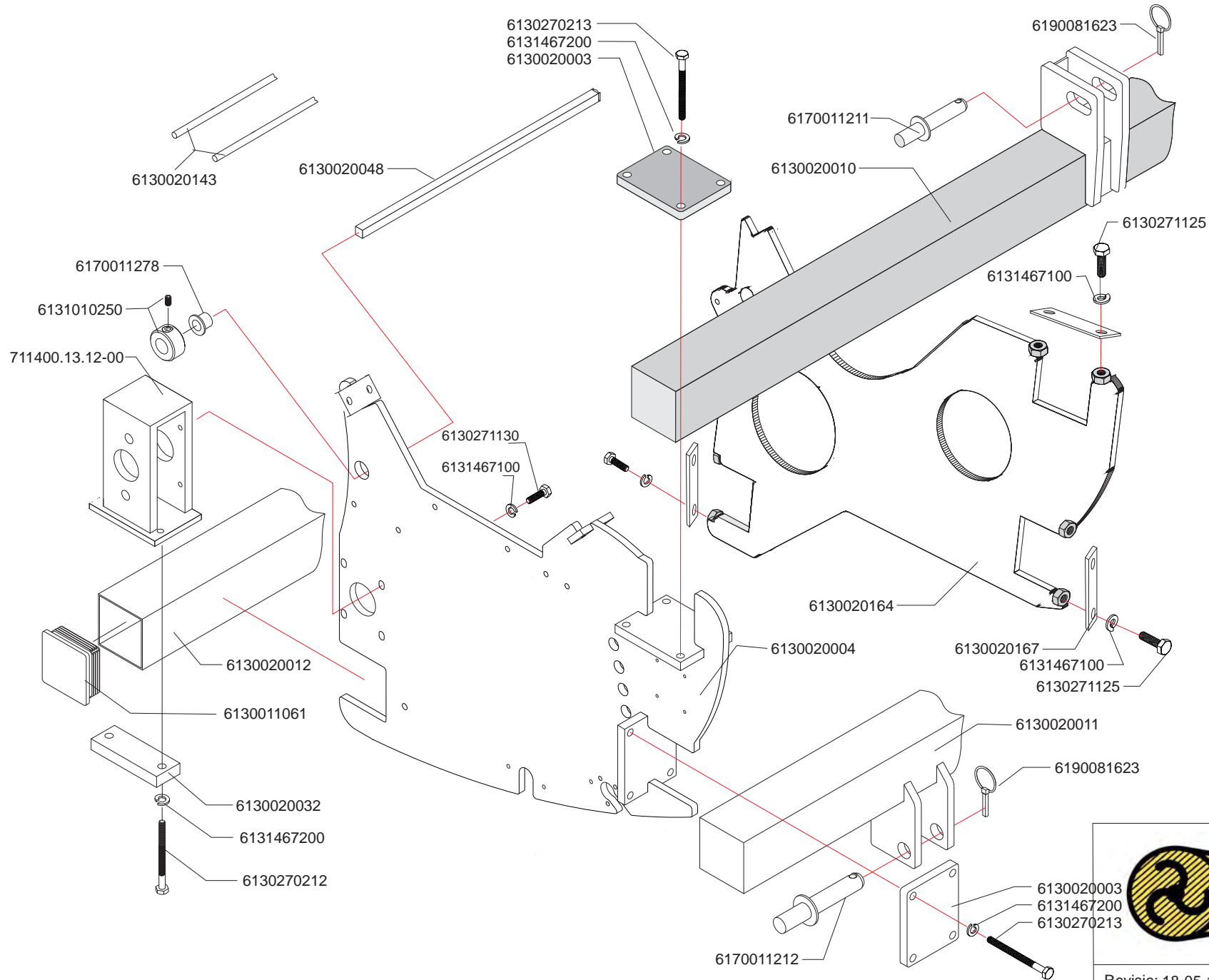


Revisie: 18-05-16

P.P.W.

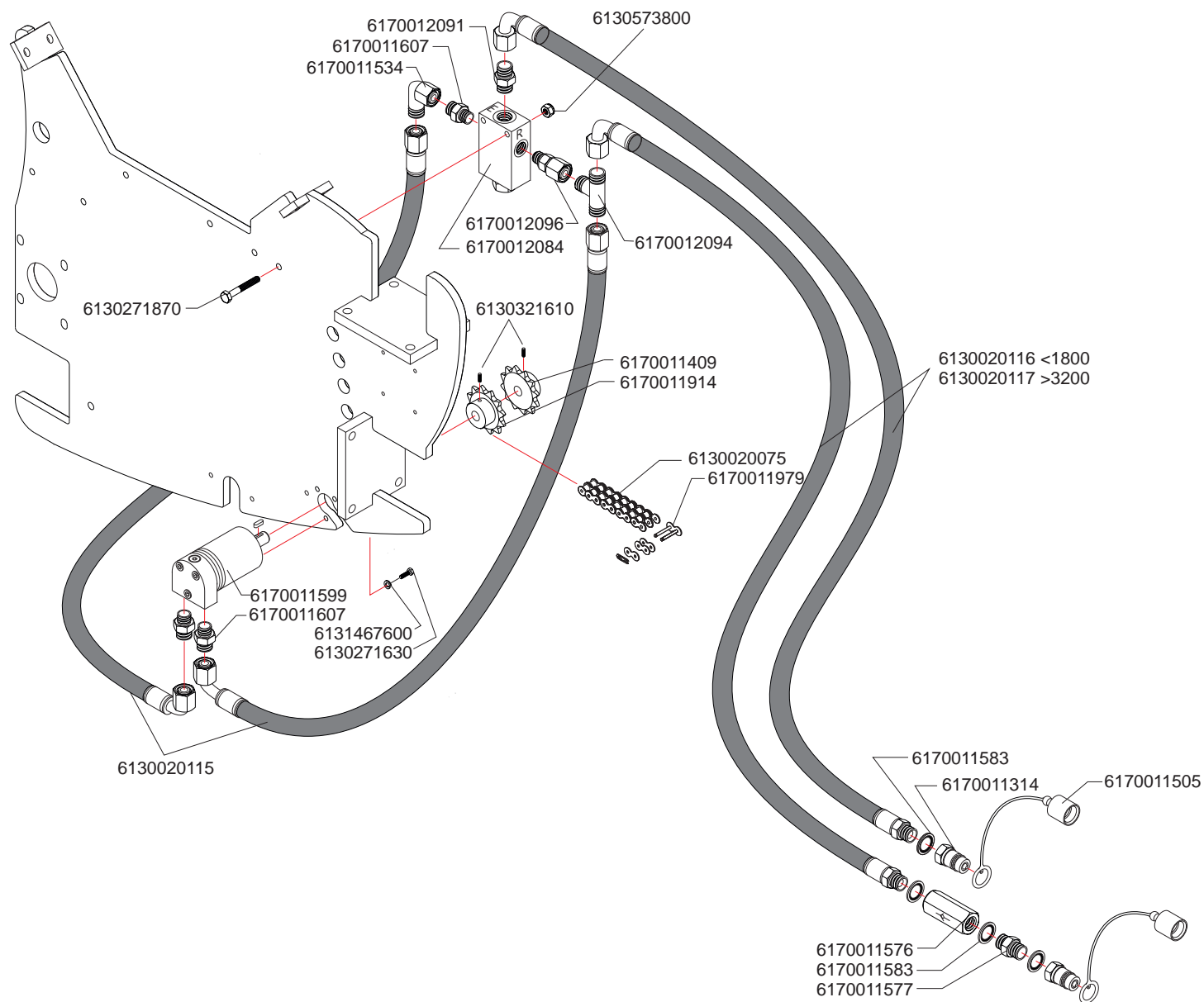
nr: 301-8W-A

vanaf 2015-10-01 tot 2017-06-31  
from 2015-10-01 until 2017-06-31  
von 2015-10-01 zu 2017-06-31

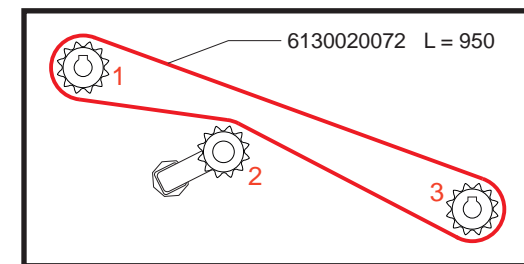
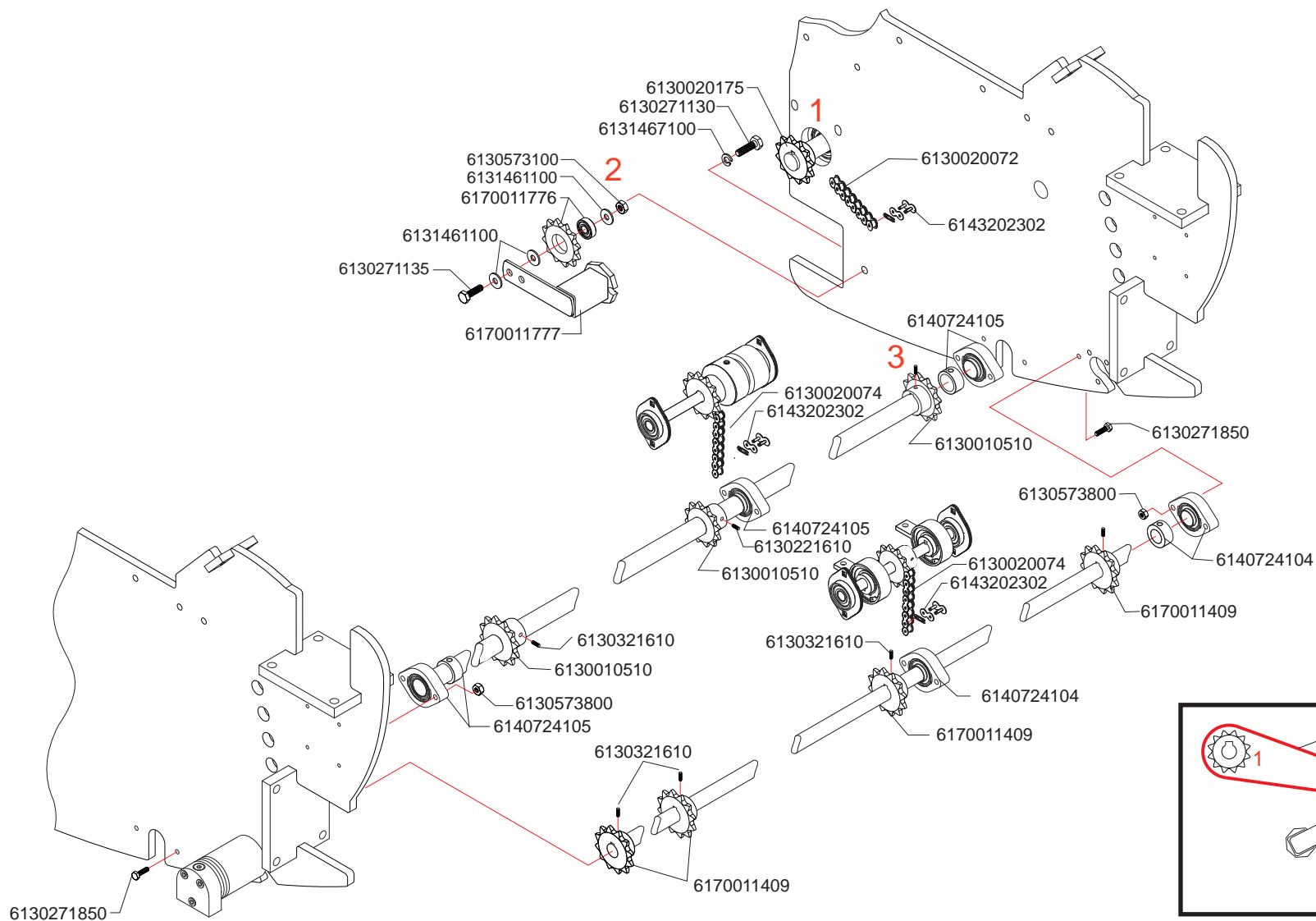


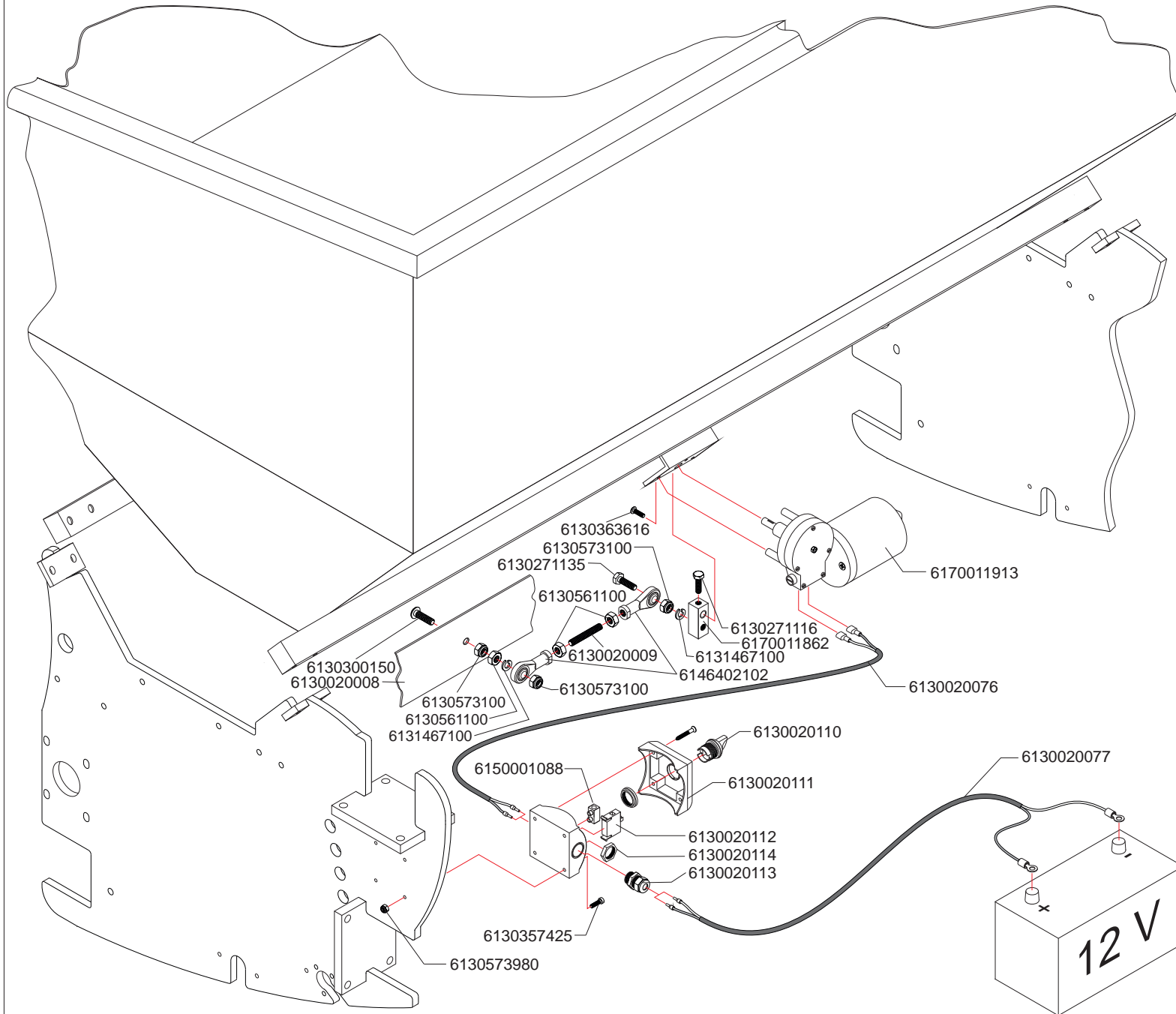
WIFO

Revisie: 18-05-16	P.P./M.P.	nr: 301-9-B
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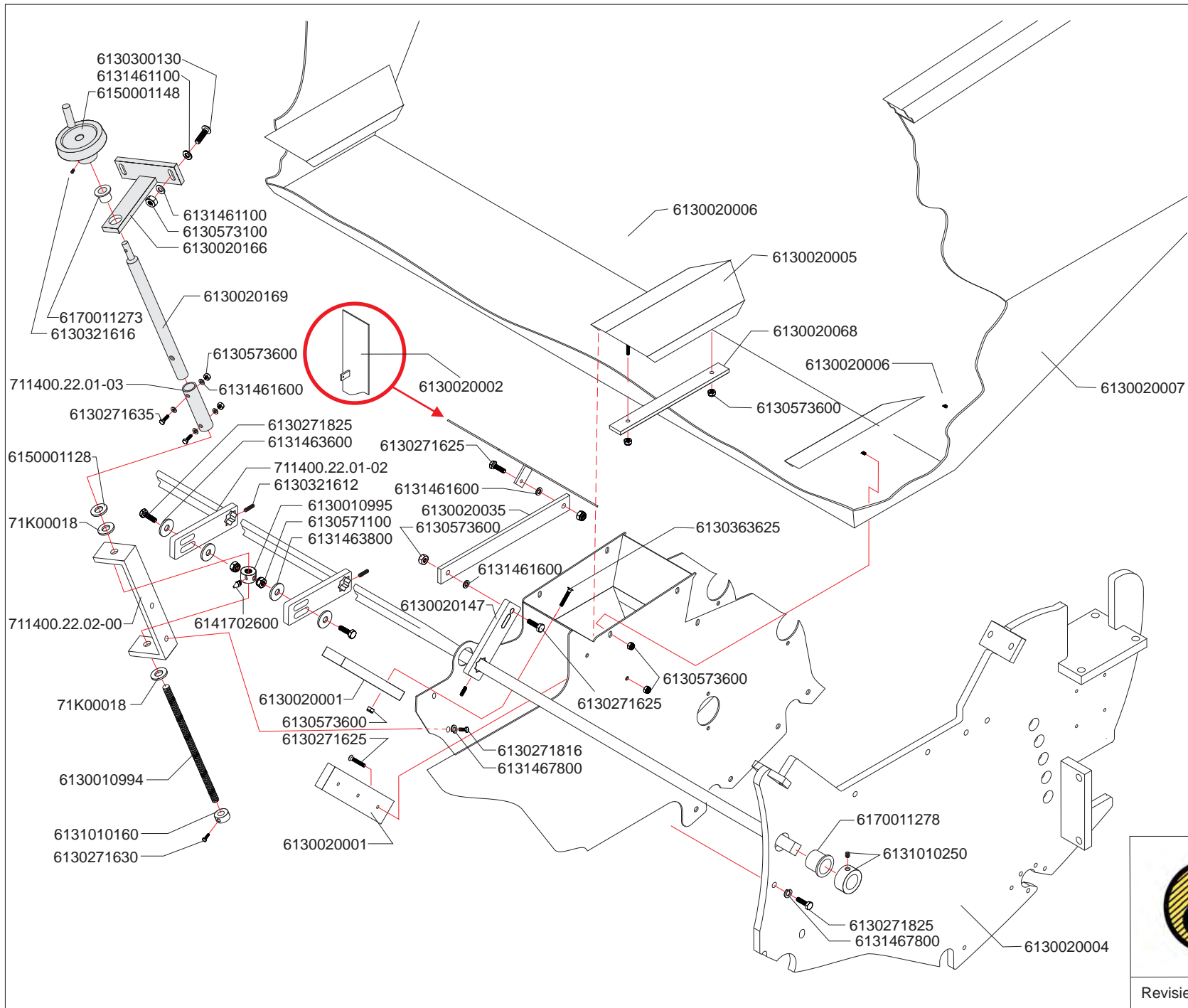


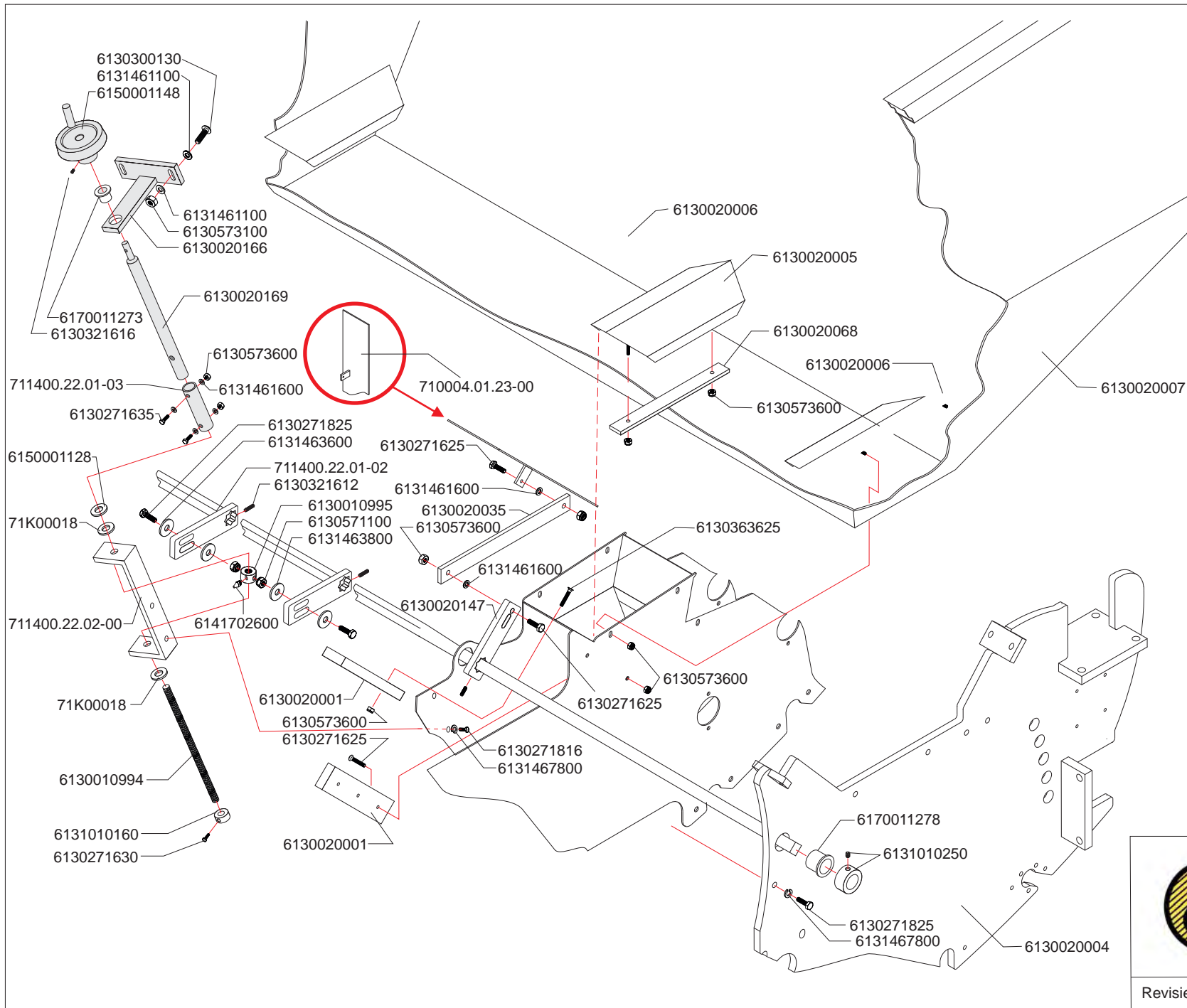


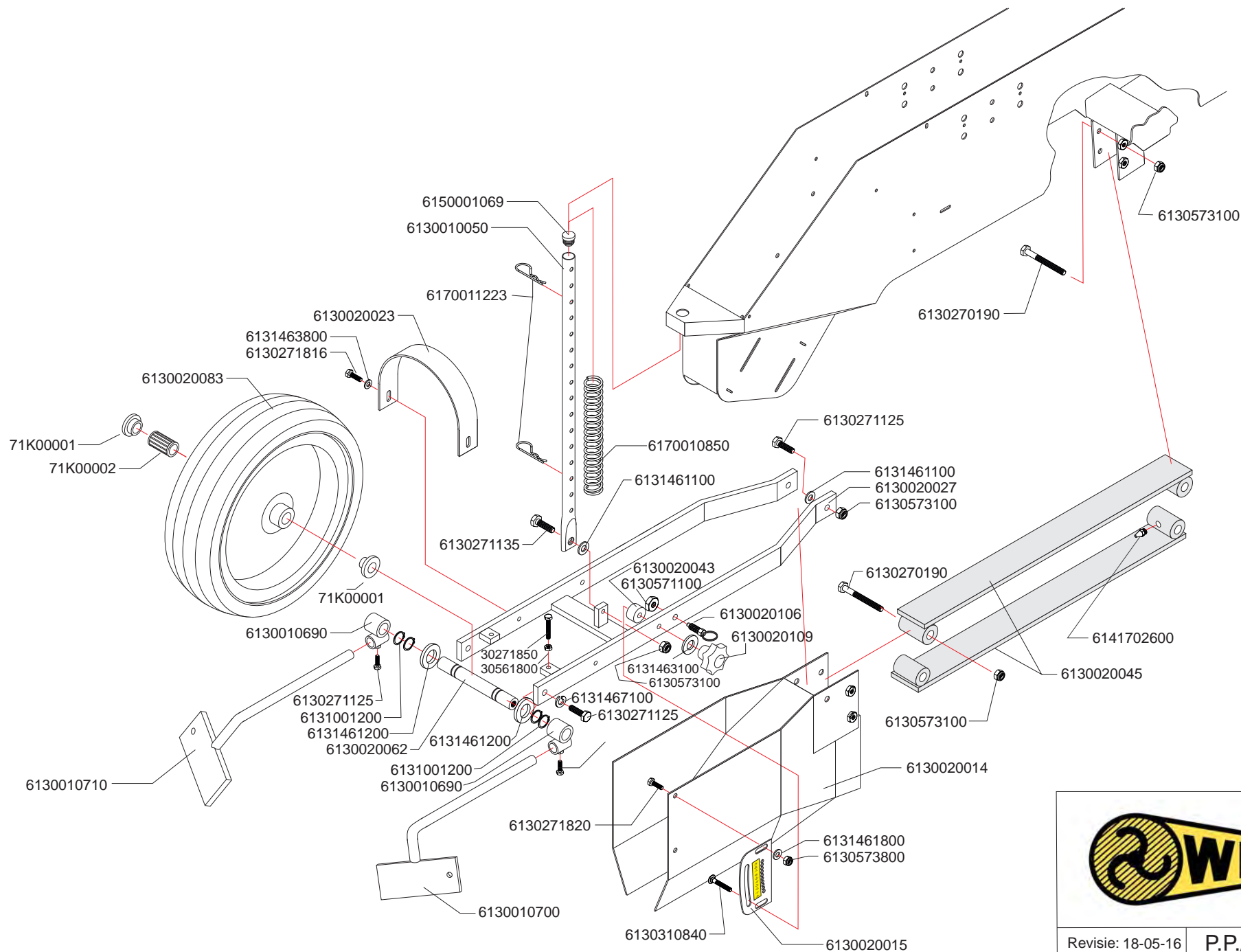


The WIFO logo is a yellow pennant with a black border, featuring a stylized 'W' and 'F' inside a circle. Below the logo is a table with technical information:

Revisie: 18-05-16	P.P./M.P.	nr: 301-12-A
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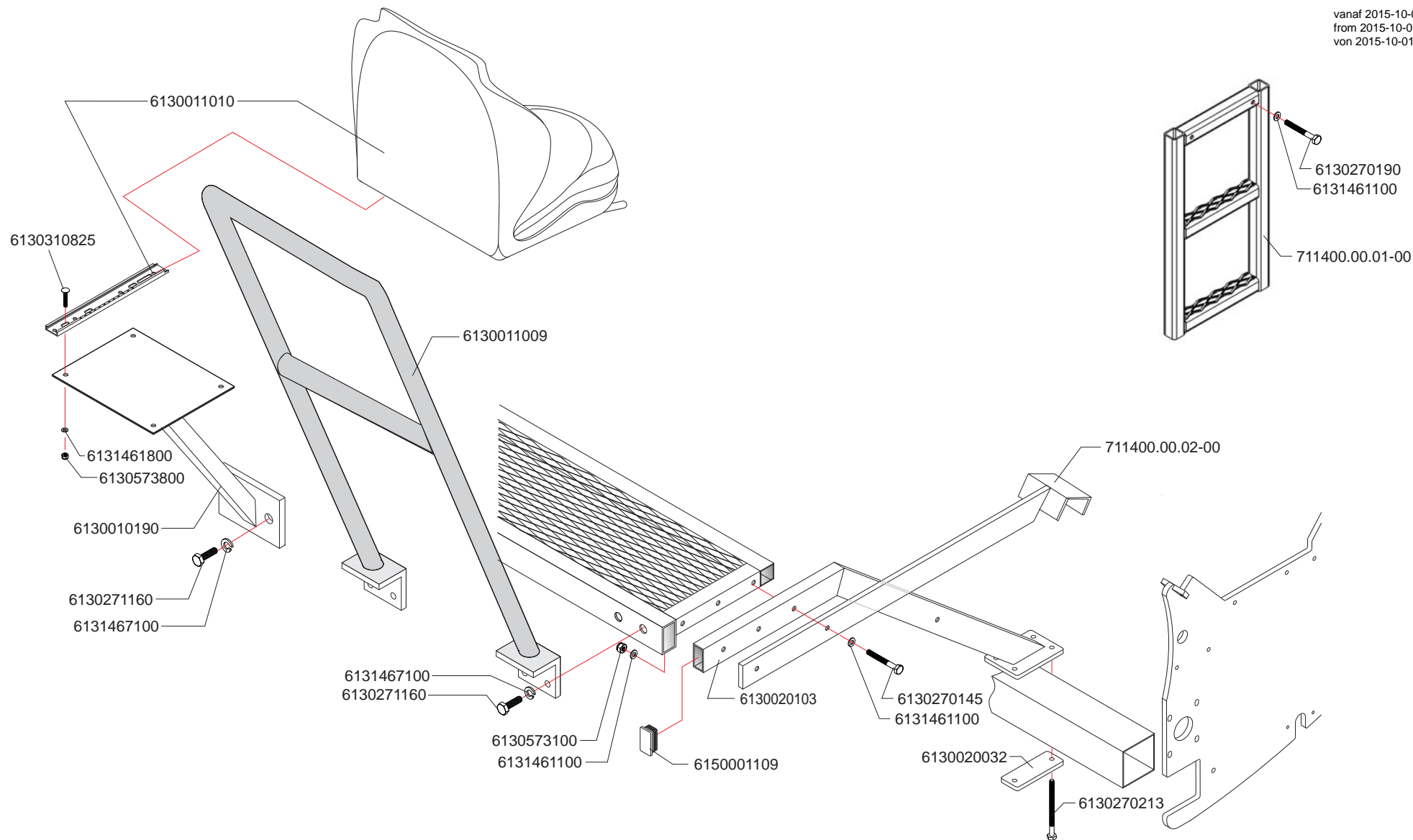






Revisie: 18-05-16 | P.P./M.P. | nr: 301-14-B


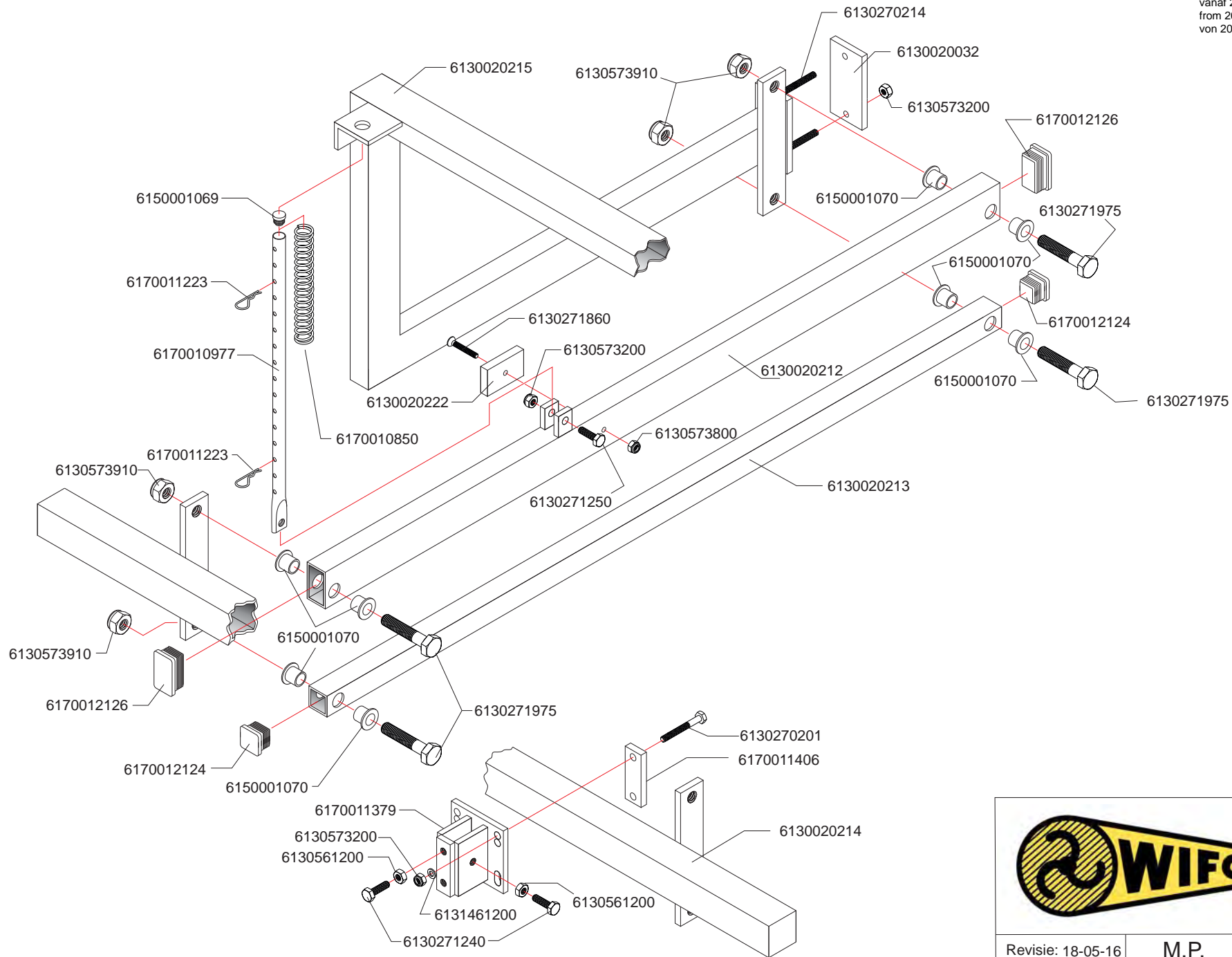
vanaf 2015-10-01 tot 2017-06-31  
from 2015-10-01 until 2017-06-31  
von 2015-10-01 zu 2017-06-31



Revisie: 18-05-16

P.P./M.P.

nr: 301-15-B

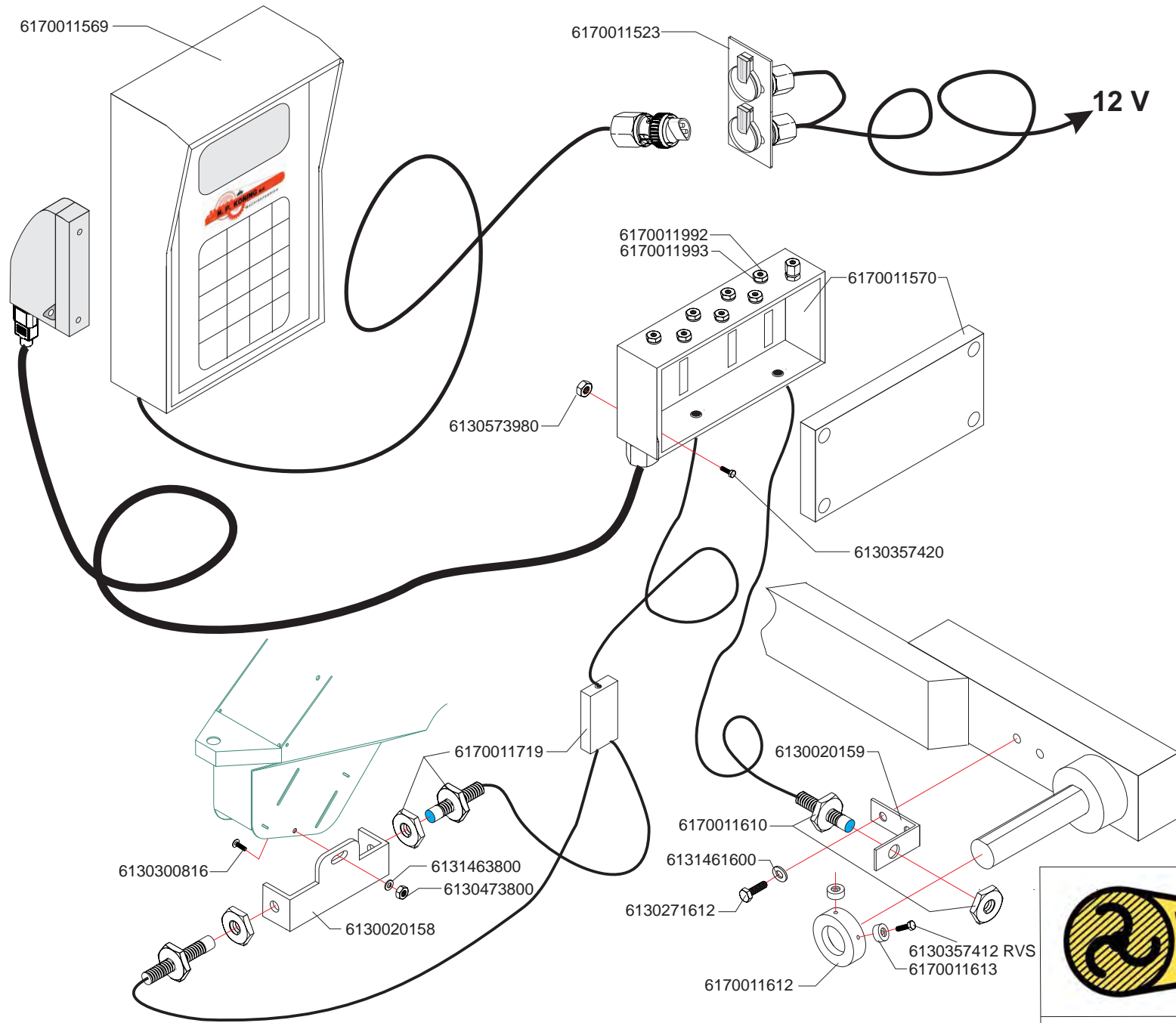


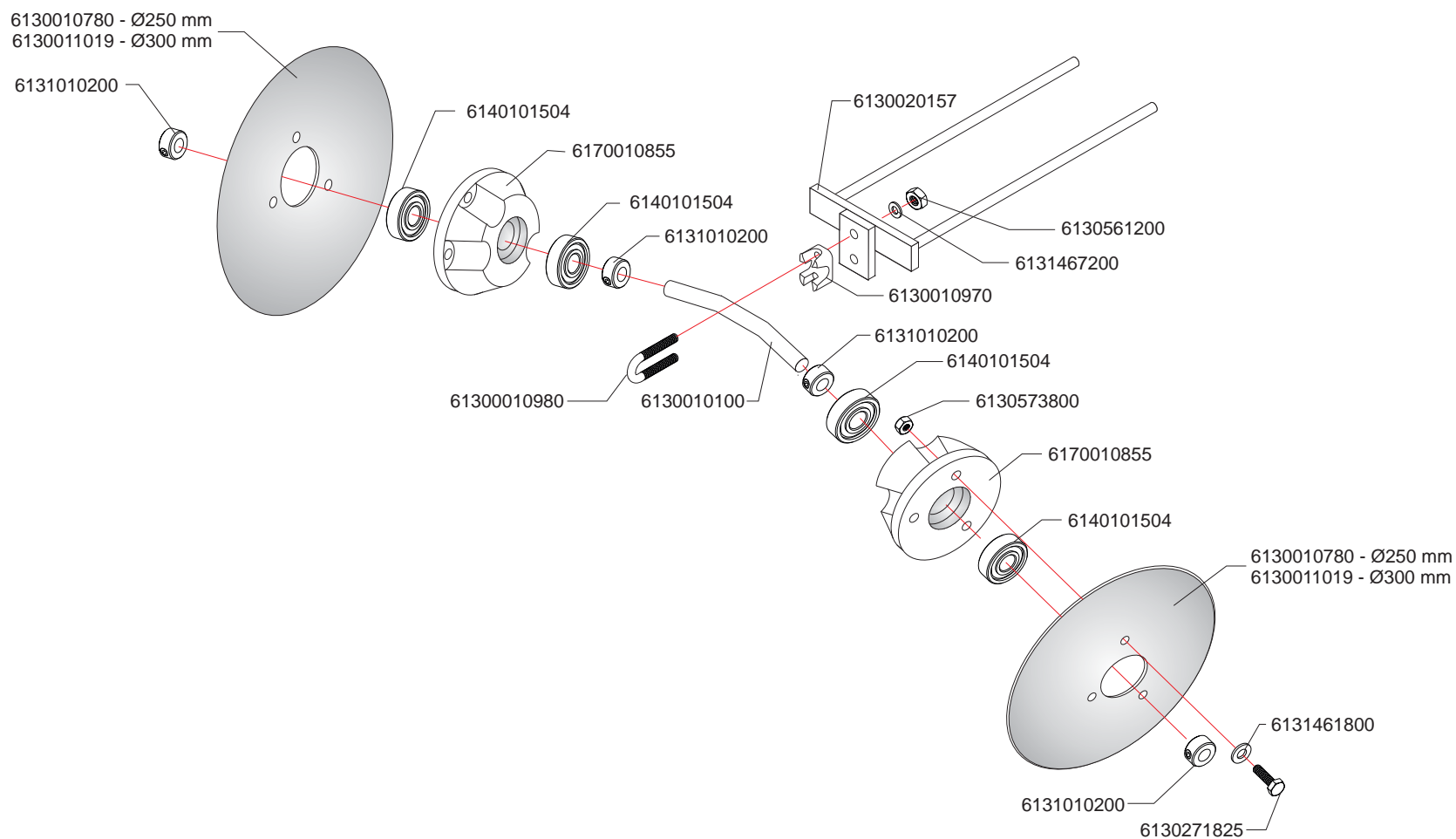
WIFO

Revisie: 18-05-16	M.P.	nr: 301-16-B
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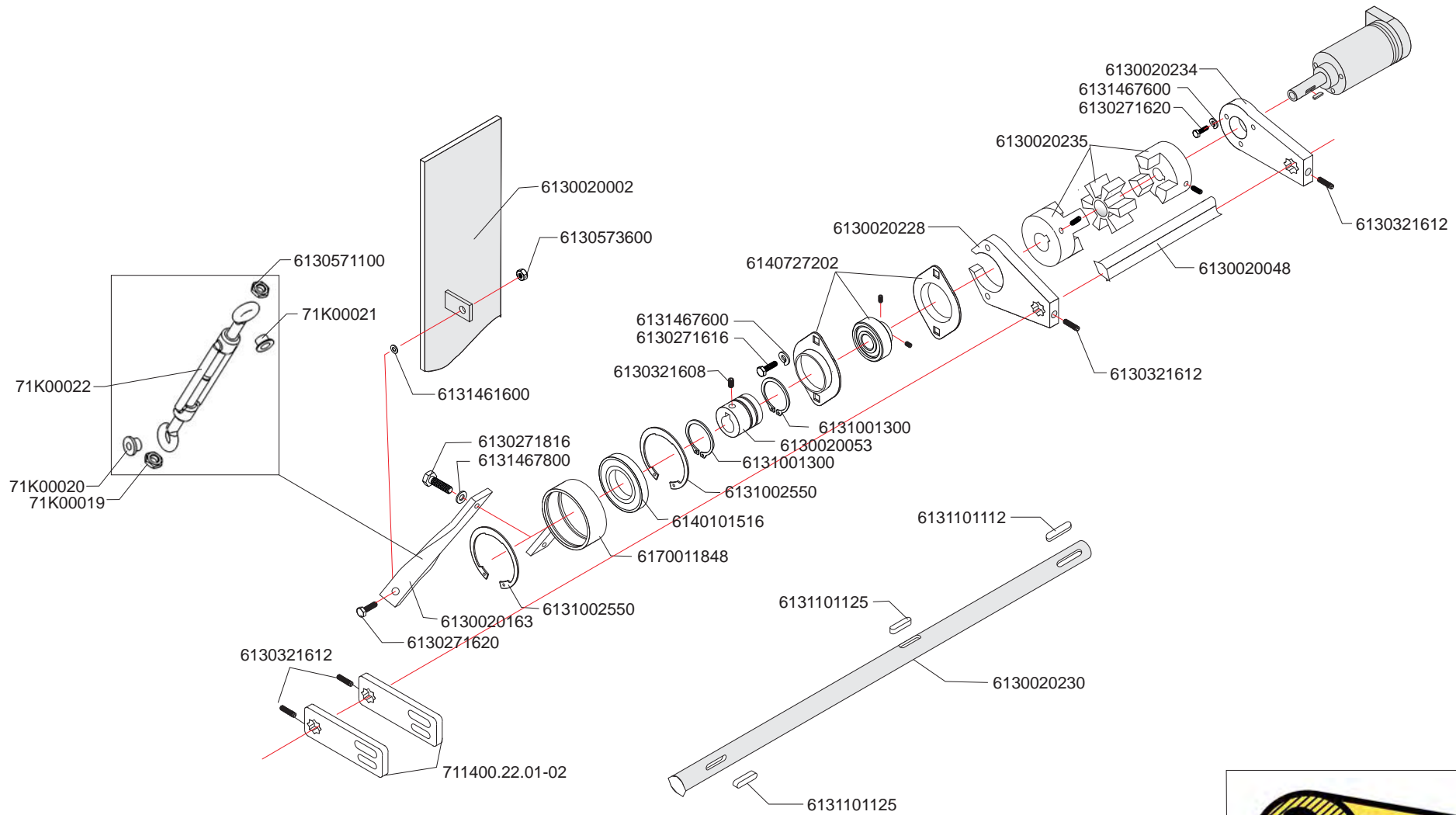


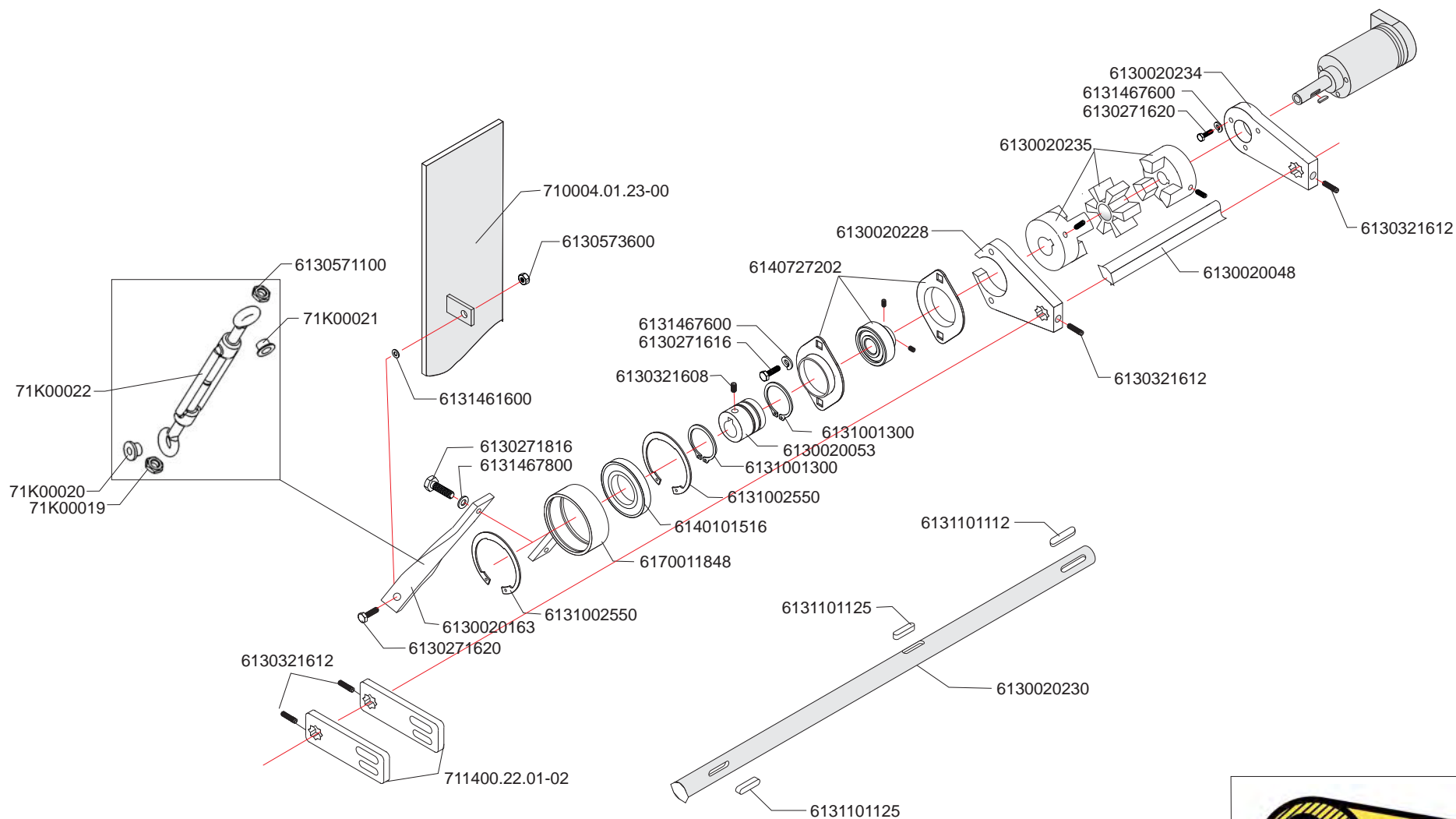






Revisie: 18-05-16	P.P.	nr: 301-19-A
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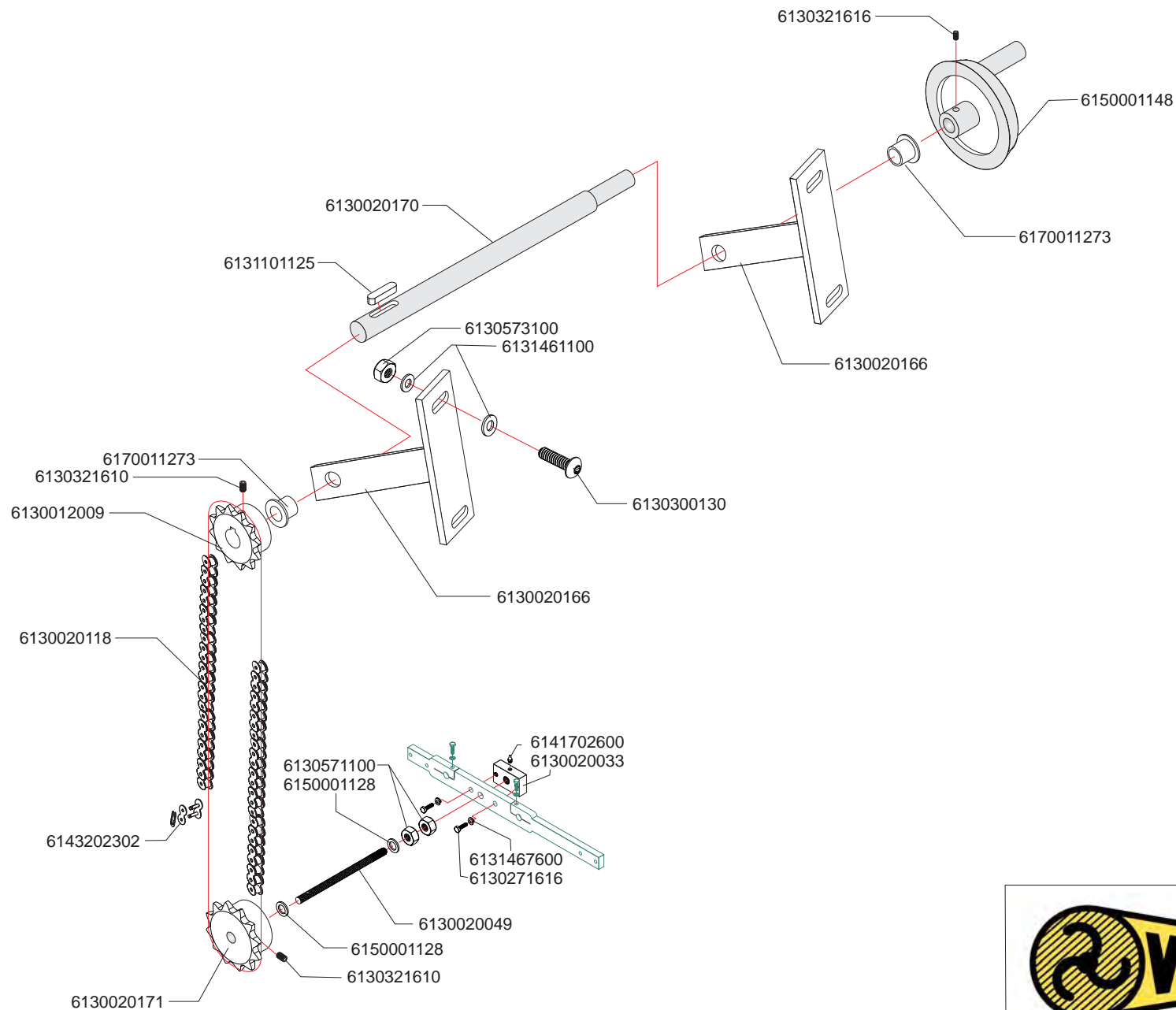




Revisie: 18-05-16

M.P.

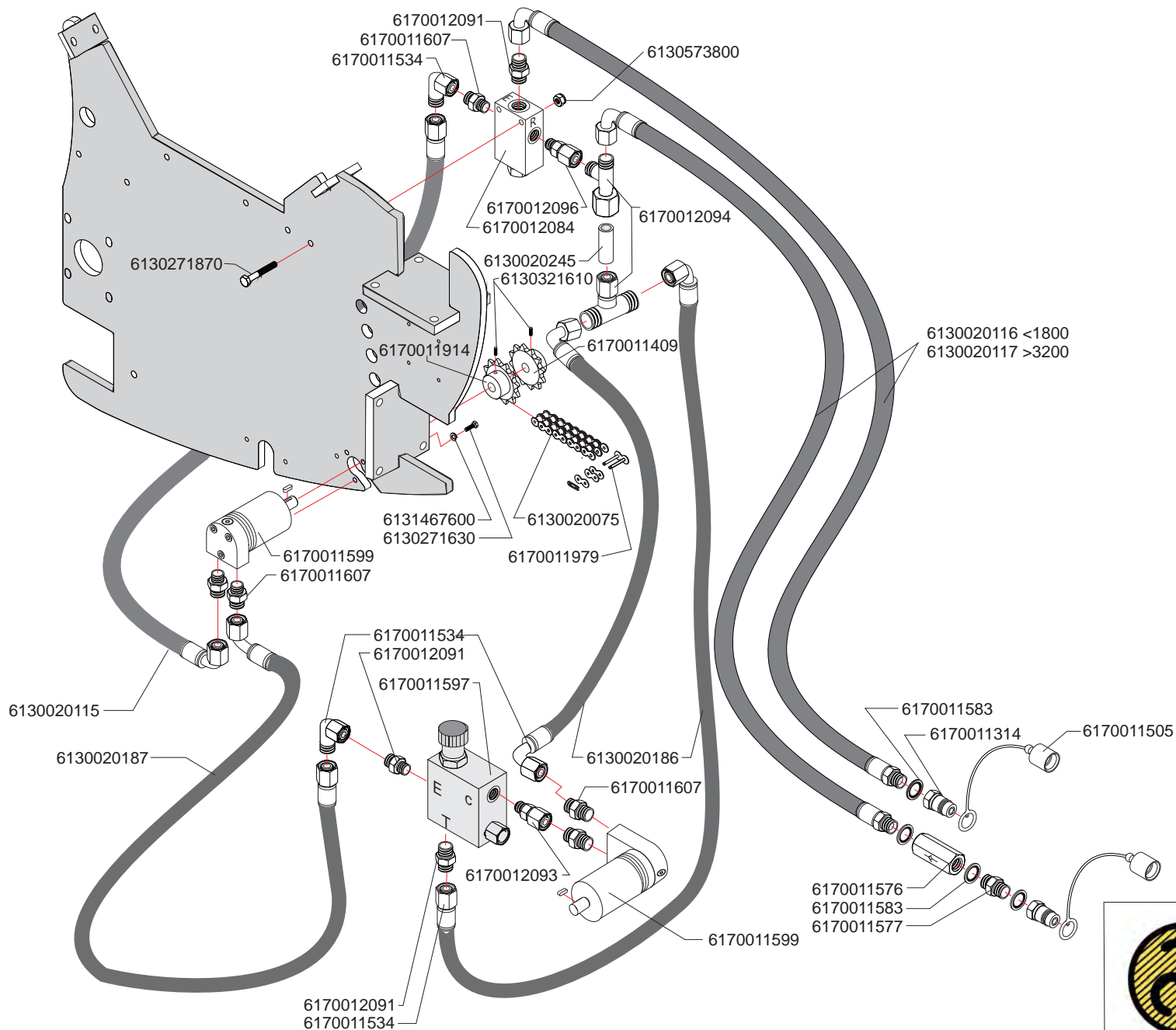
nr: 301-20W-B



Revisie: 20-05-16 | P.P./M.P. | nr: 301-21-A



vanaf 2015-10-01 tot 2017-06-31  
from 2015-10-01 until 2017-06-31  
von 2015-10-01 zu 2017-06-31

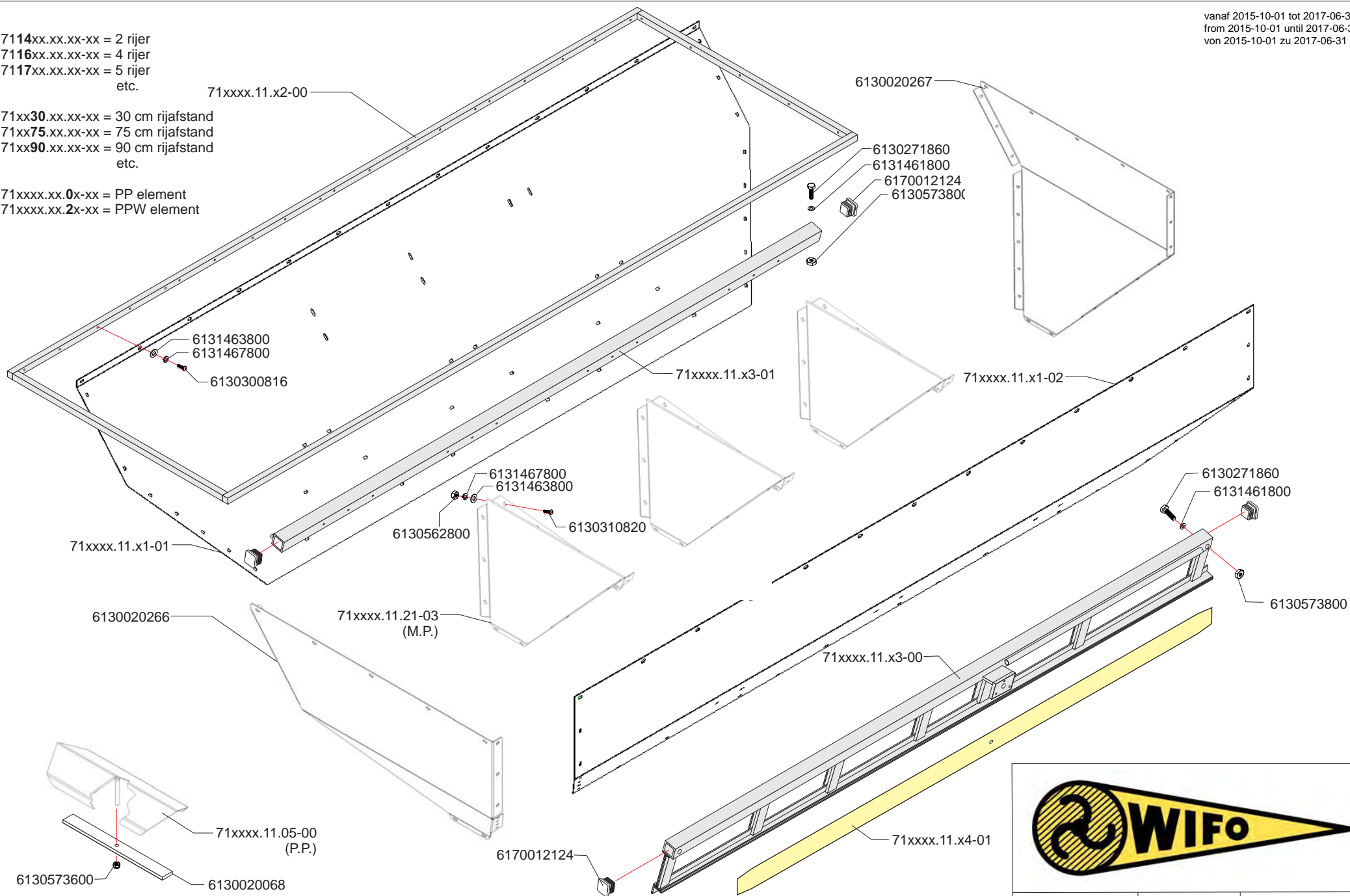


Revisie: 20-05-16	P.P./M.P.	nr: 301-23-A
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7114xx.xx.xx-xx = 2 rijer  
 7116xx.xx.xx-xx = 4 rijer  
 7117xx.xx.xx-xx = 5 rijer  
 etc.

71xx30.xx.xx-xx = 30 cm rijafstand  
 71xx75.xx.xx-xx = 75 cm rijafstand  
 71xx90.xx.xx-xx = 90 cm rijafstand  
 etc.

71xxxx.xx.0x-xx = PP element  
 71xxxx.xx.2x-xx = PPW element

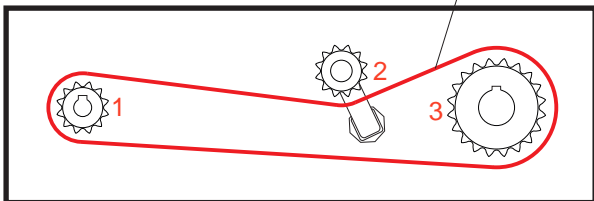
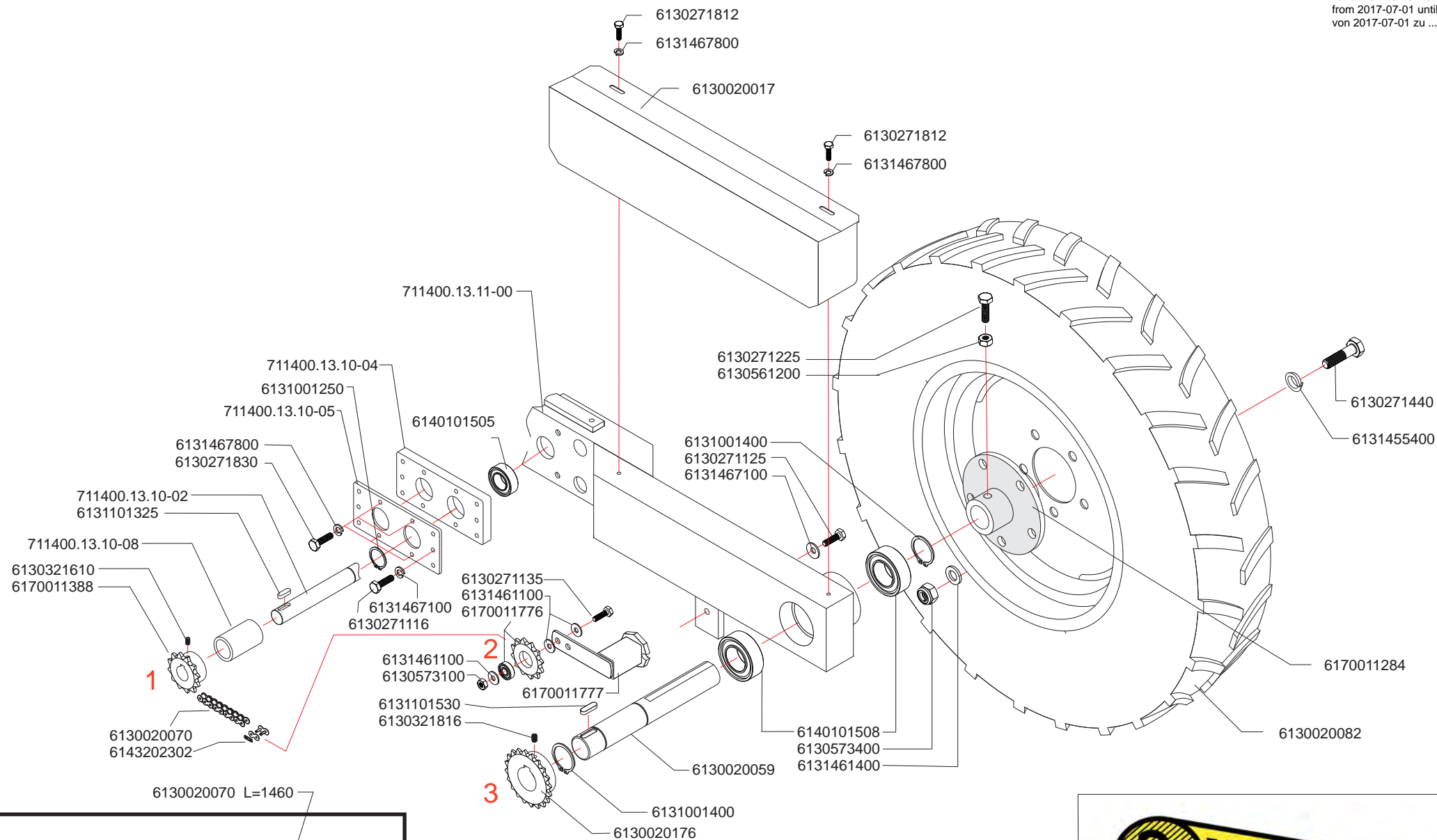


Revisie: 20-05-16 | P.P./M.P. | nr: 301-24-B

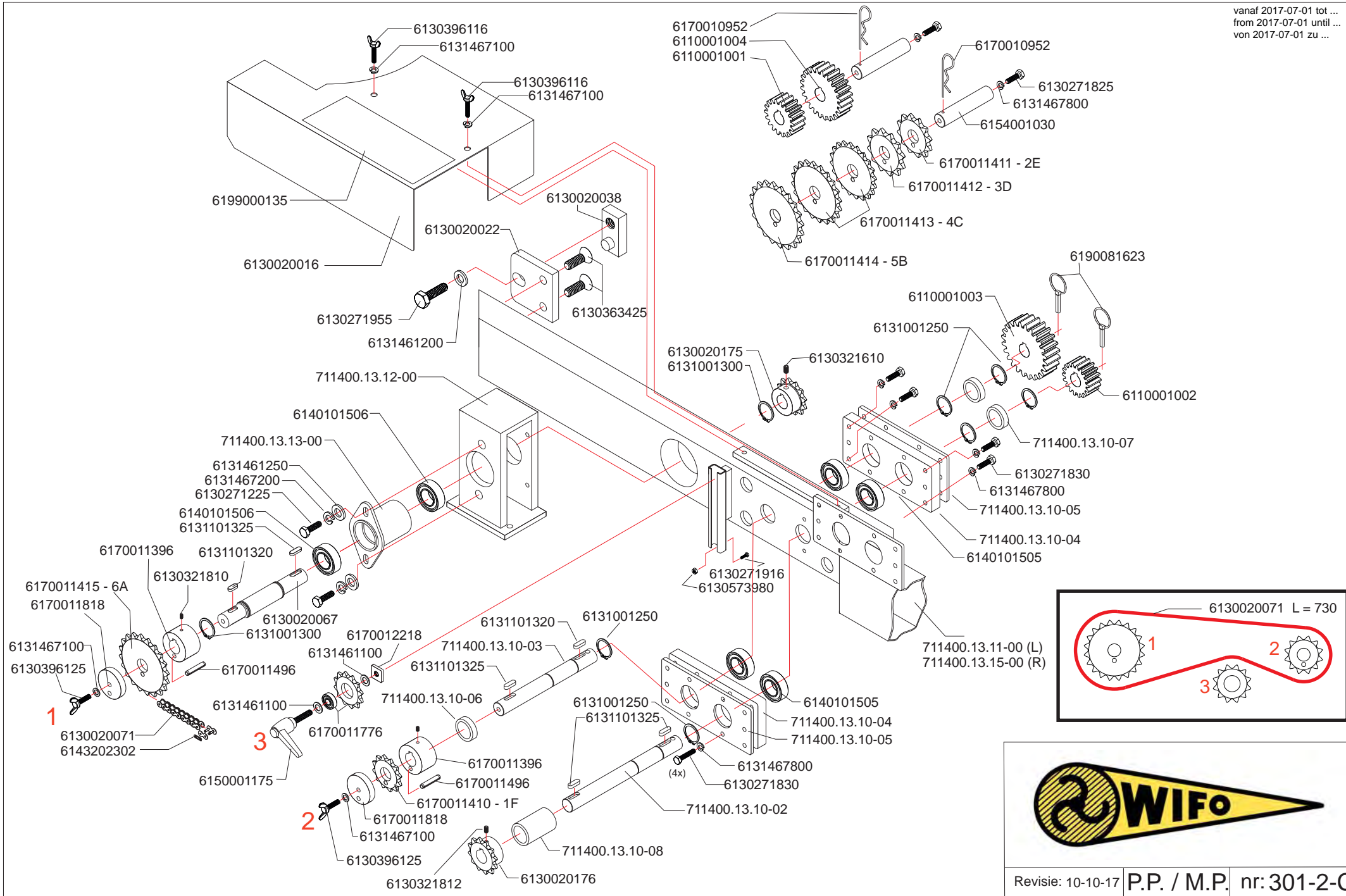


Geldig vanaf 2017-07-01 tot ...  
Valid from 2017-07-01 until ...  
Gültig von 2017-07-01 zu ...

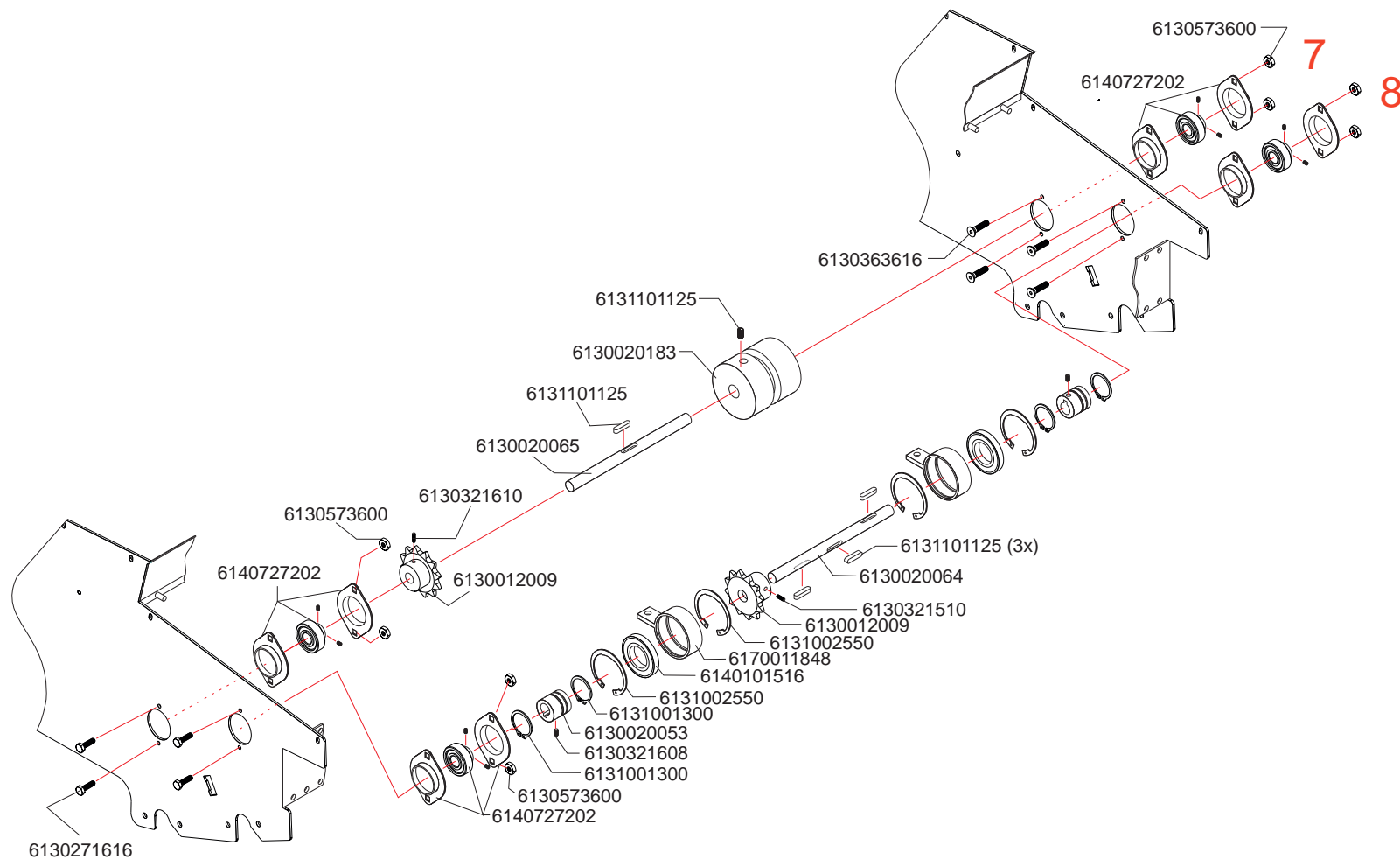
vanaf 2017-07-01 tot ...  
from 2017-07-01 until ...  
von 2017-07-01 zu ...



Revisie: 10-10-17 | P.P. / M.P. | nr: 301-1-C



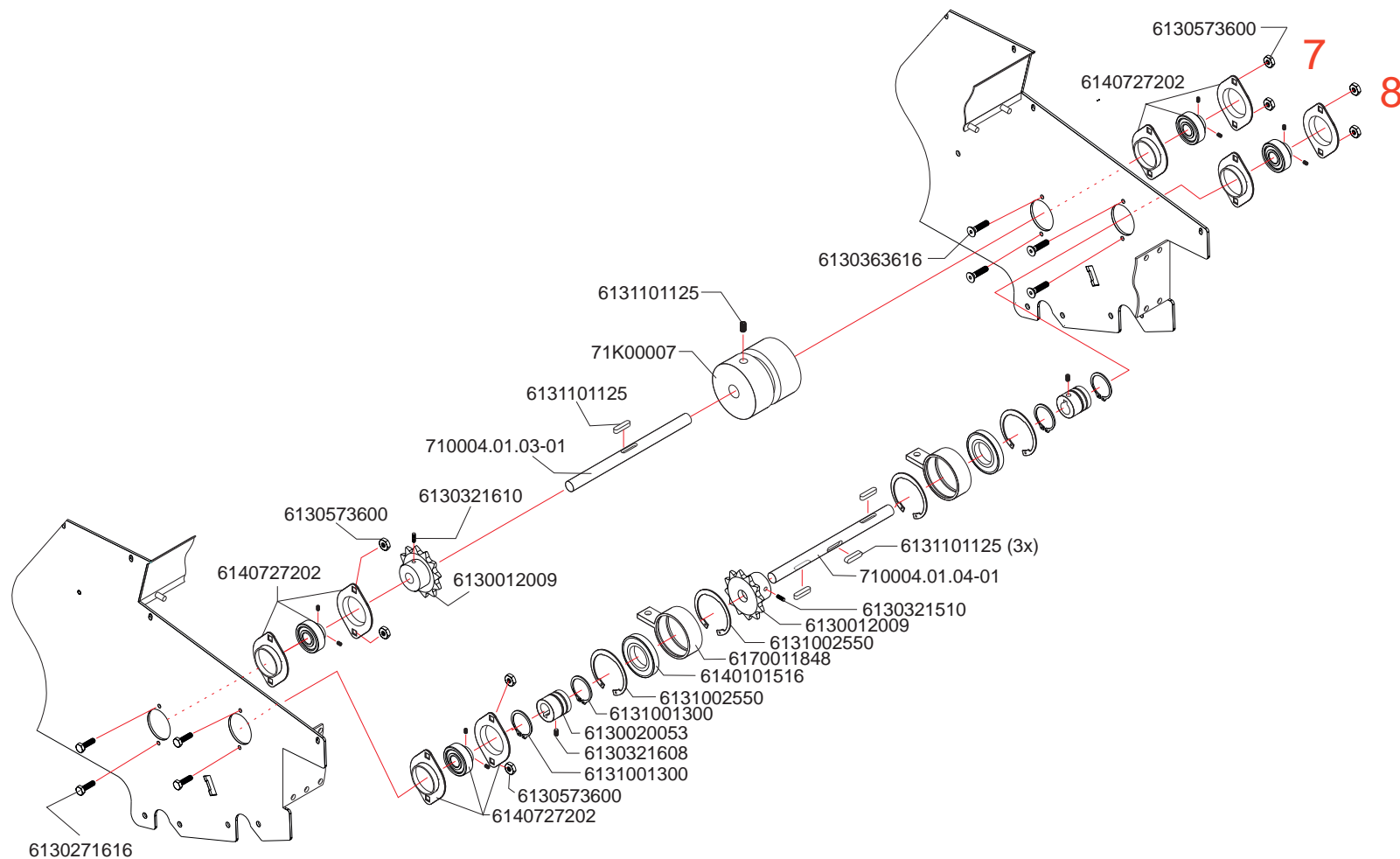
Revisie: 10-10-17 | P.P. / M.P. | nr: 301-2-C



Revisie: 12-05-16

P.P.

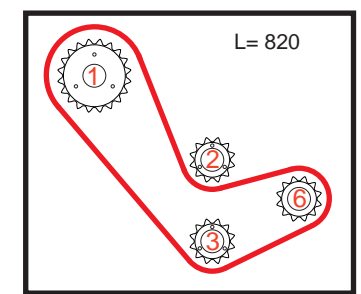
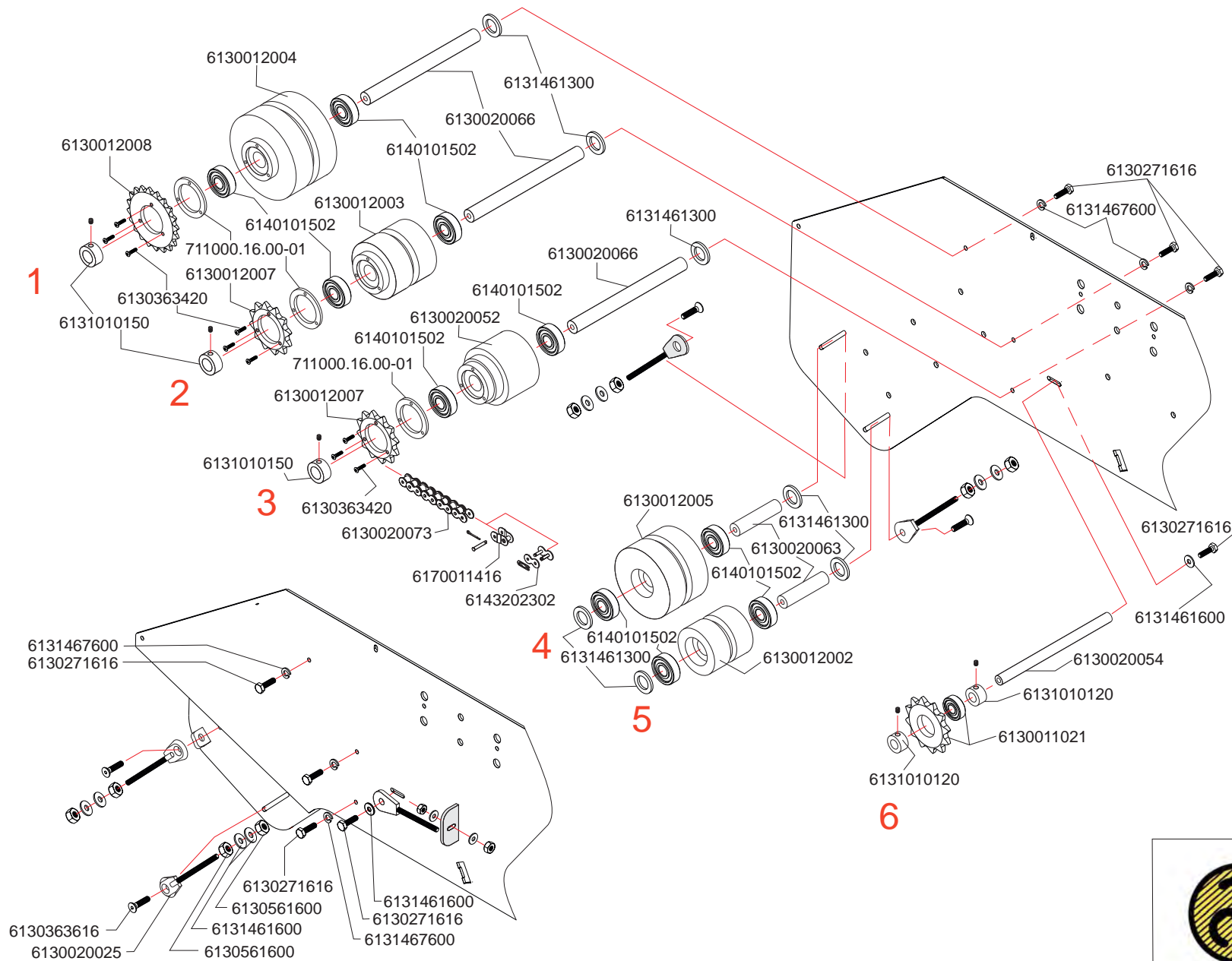
nr: 301-3-A



Revisie: 12-05-16

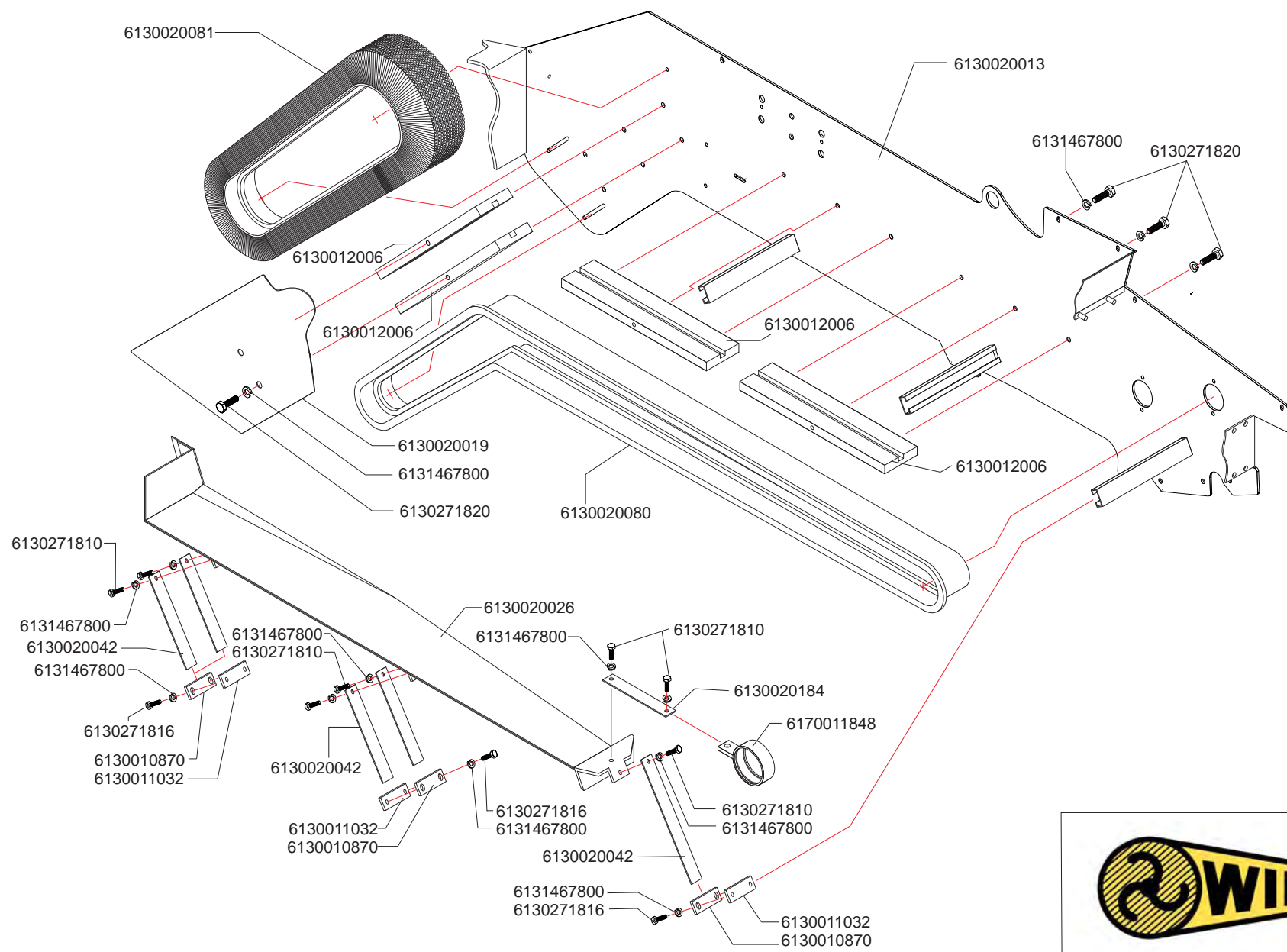
P.P.W.

nr:301-3W-A




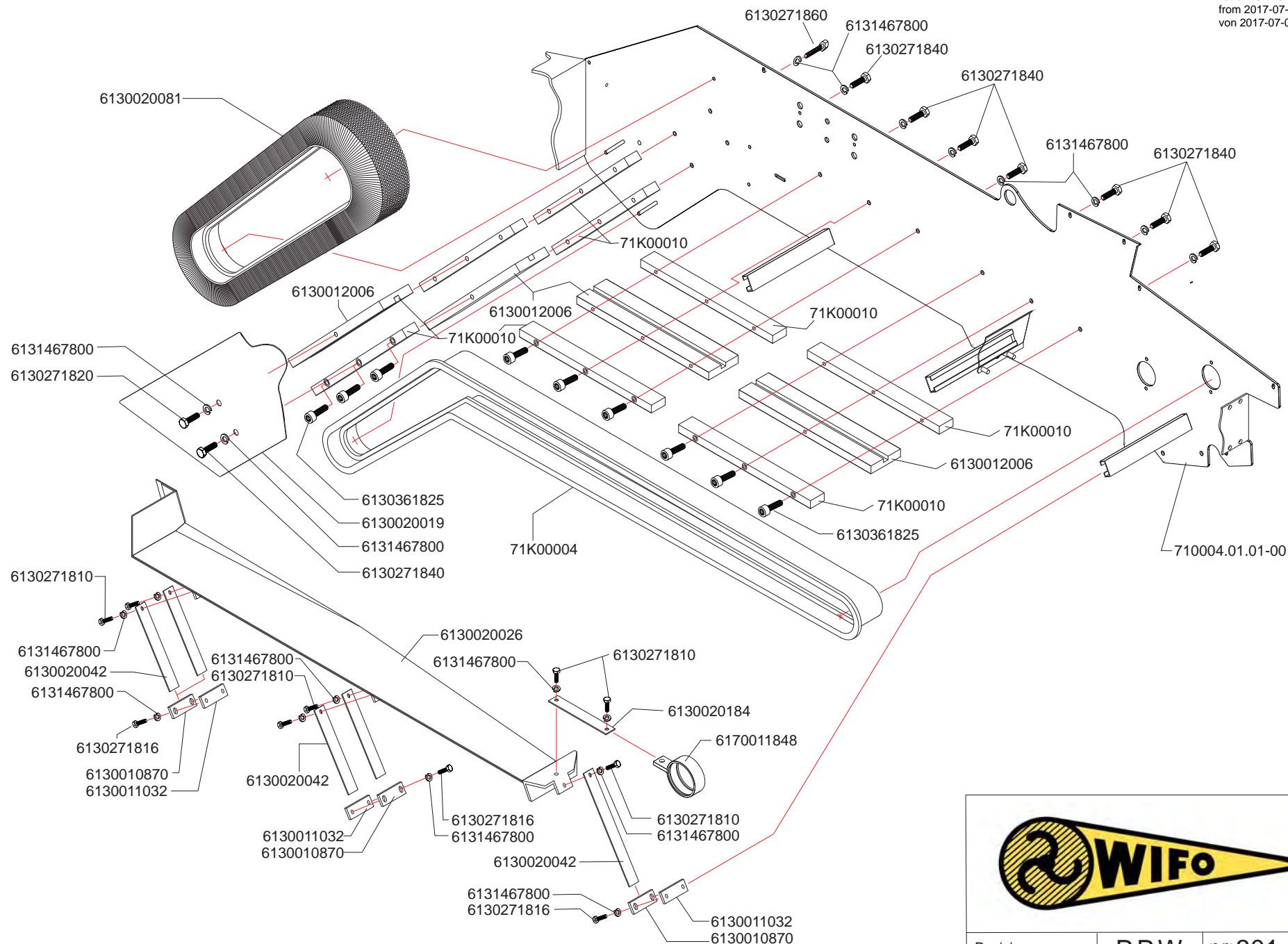
Revisie: 28-11-17 | P.P. | nr: 301-4-B



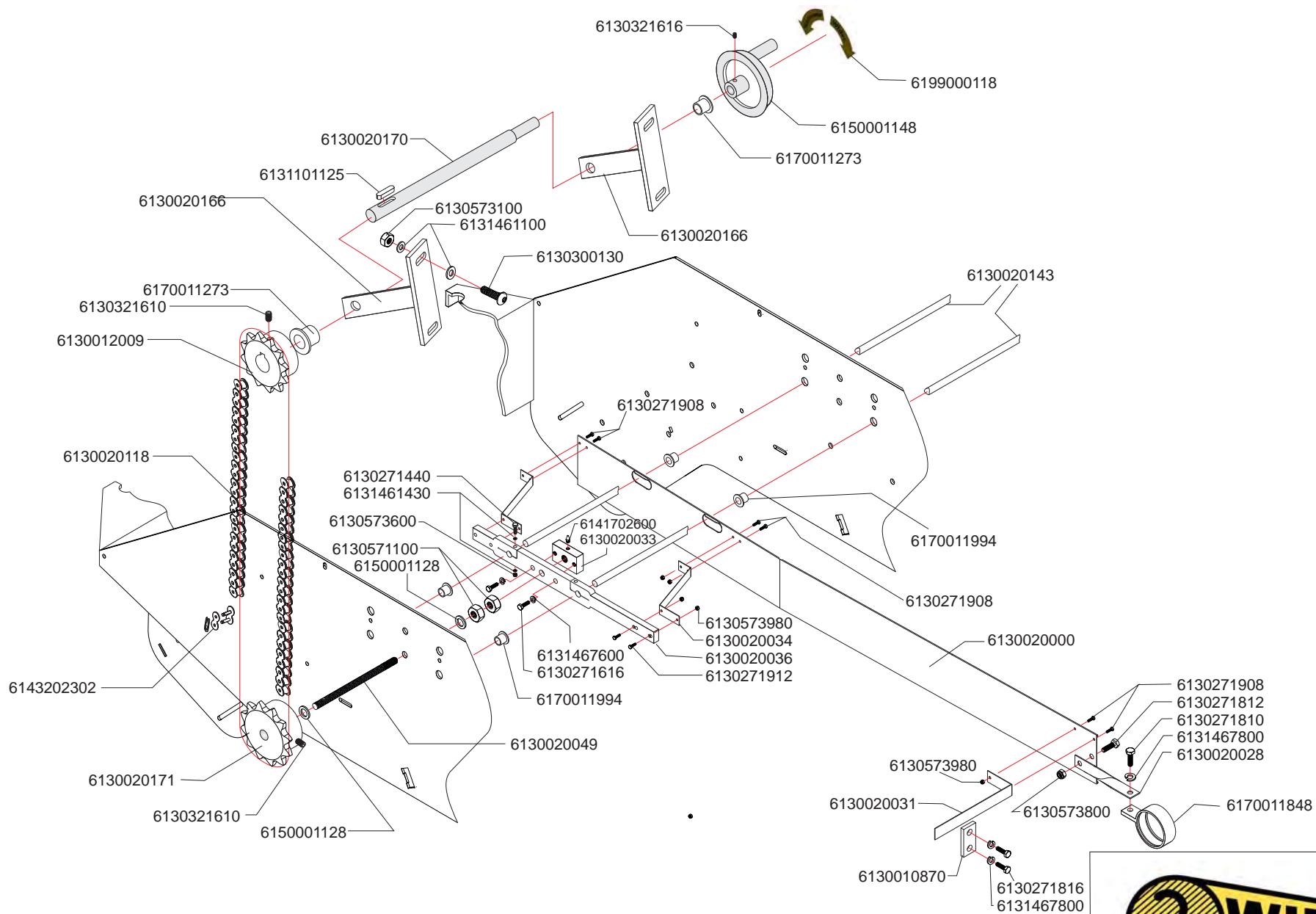


Revisie: 12-05-16	P.P.	nr: 301-5-A
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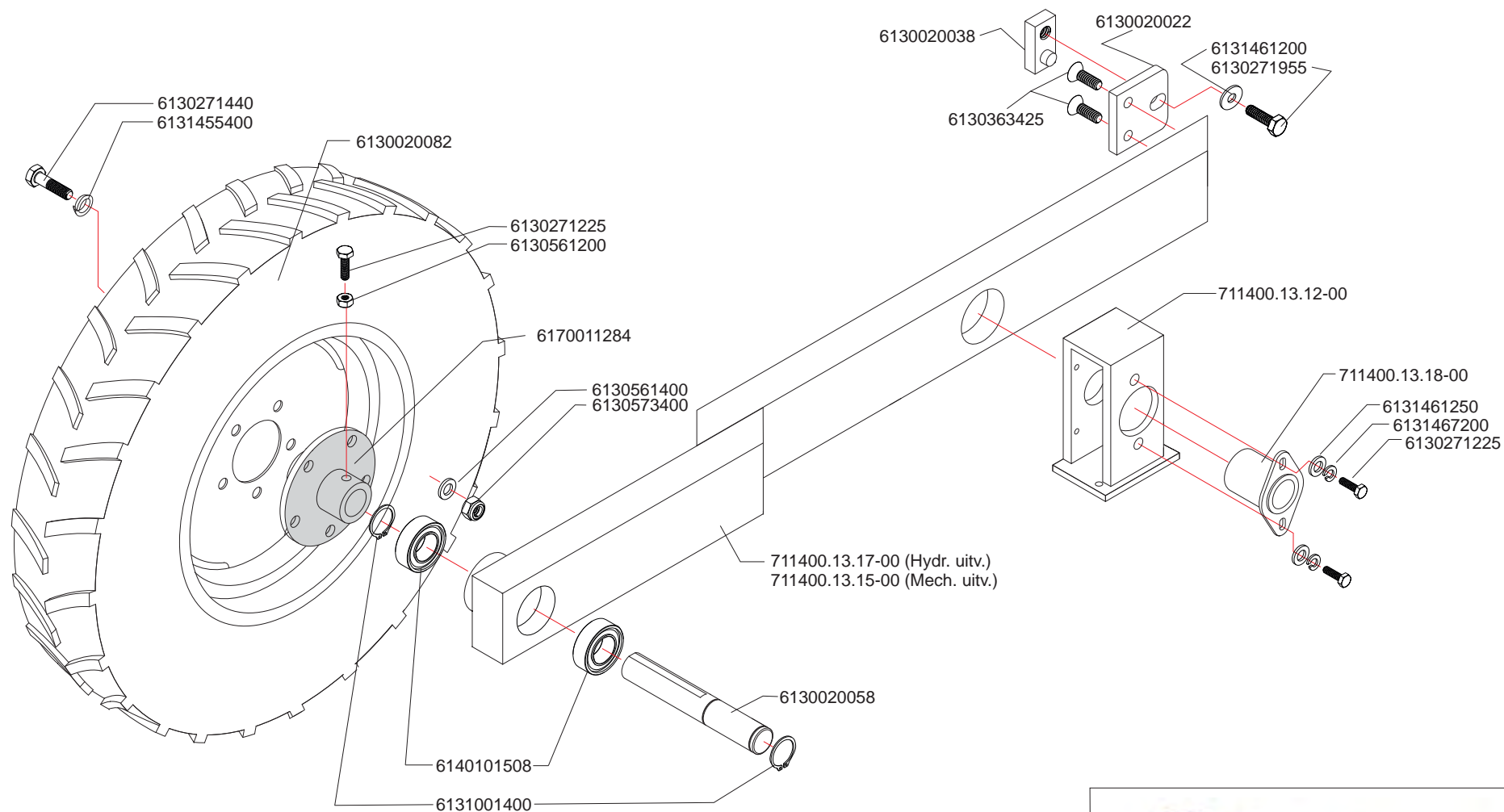


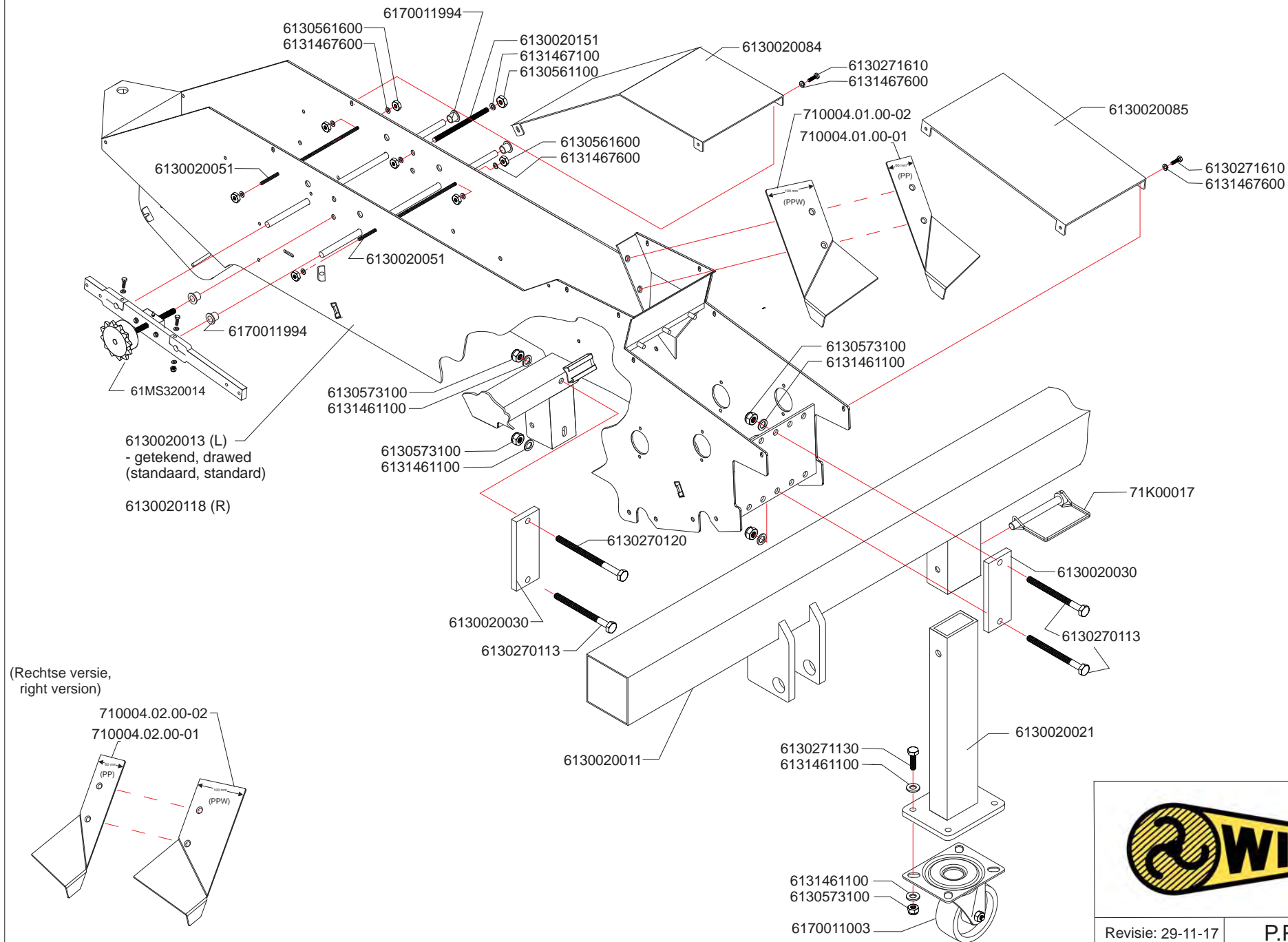


Revisie: 29-11-17 | P.P.W. | nr:301-5W-B

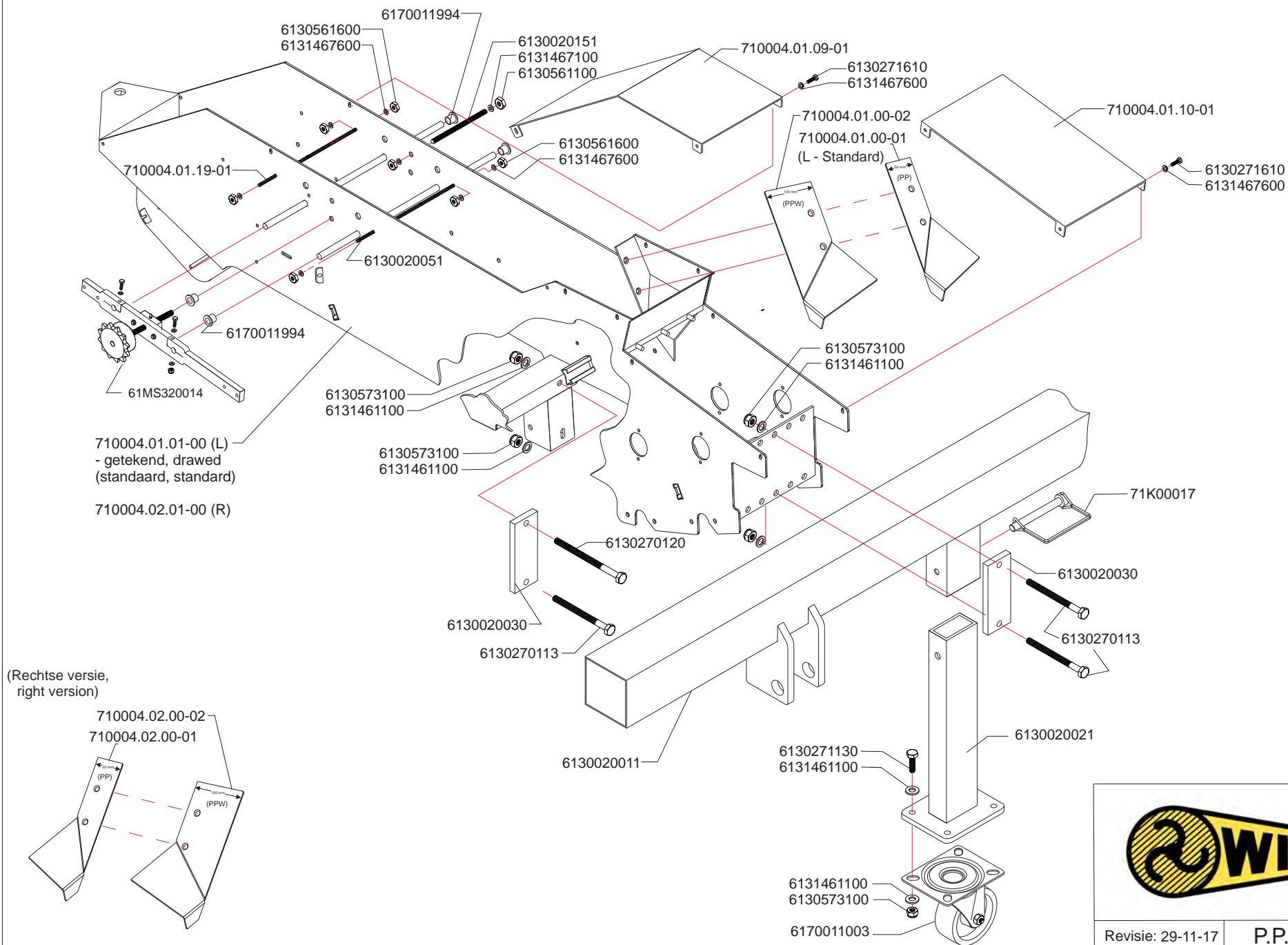






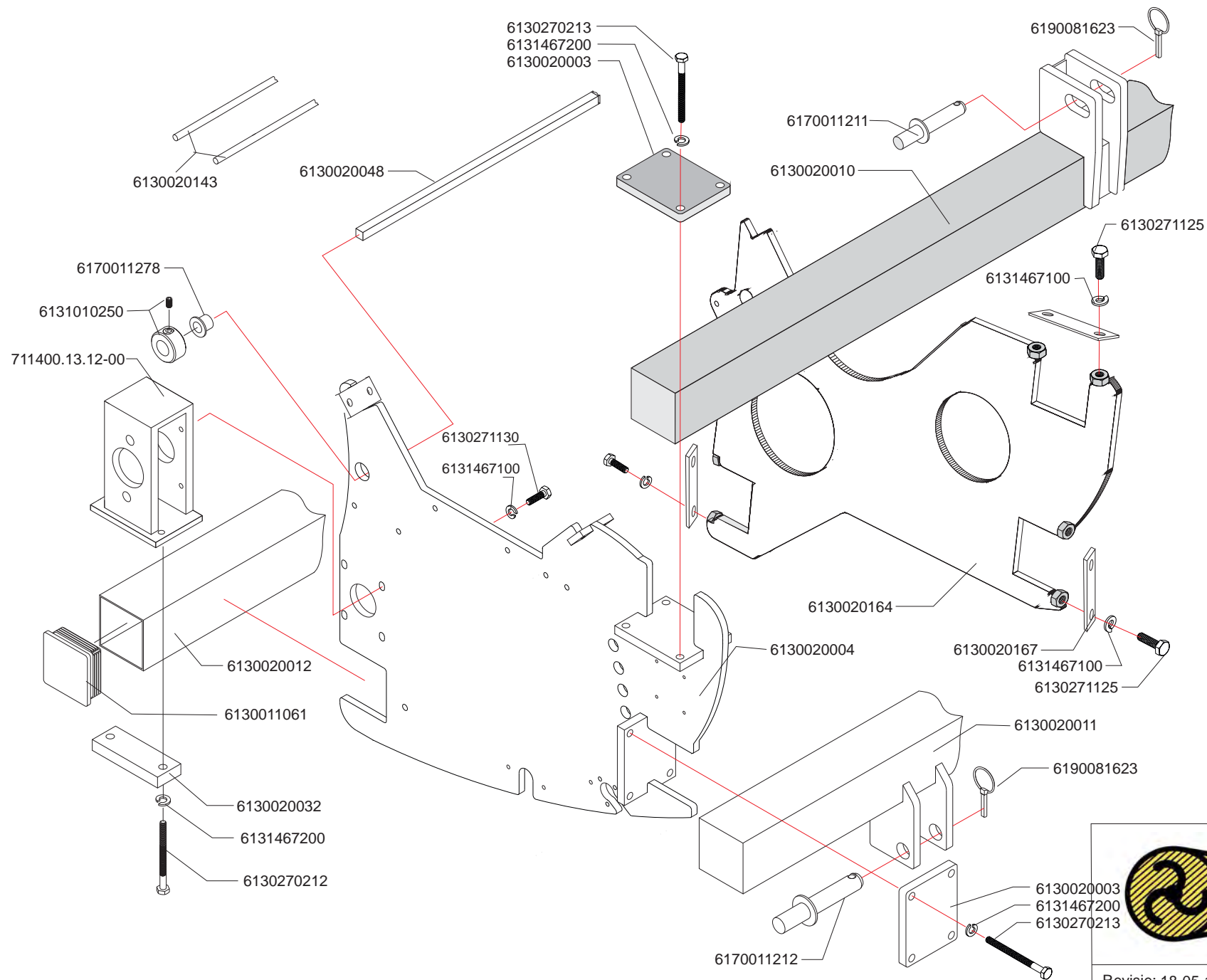


Revisie: 29-11-17	P.P.	nr: 301-8-B
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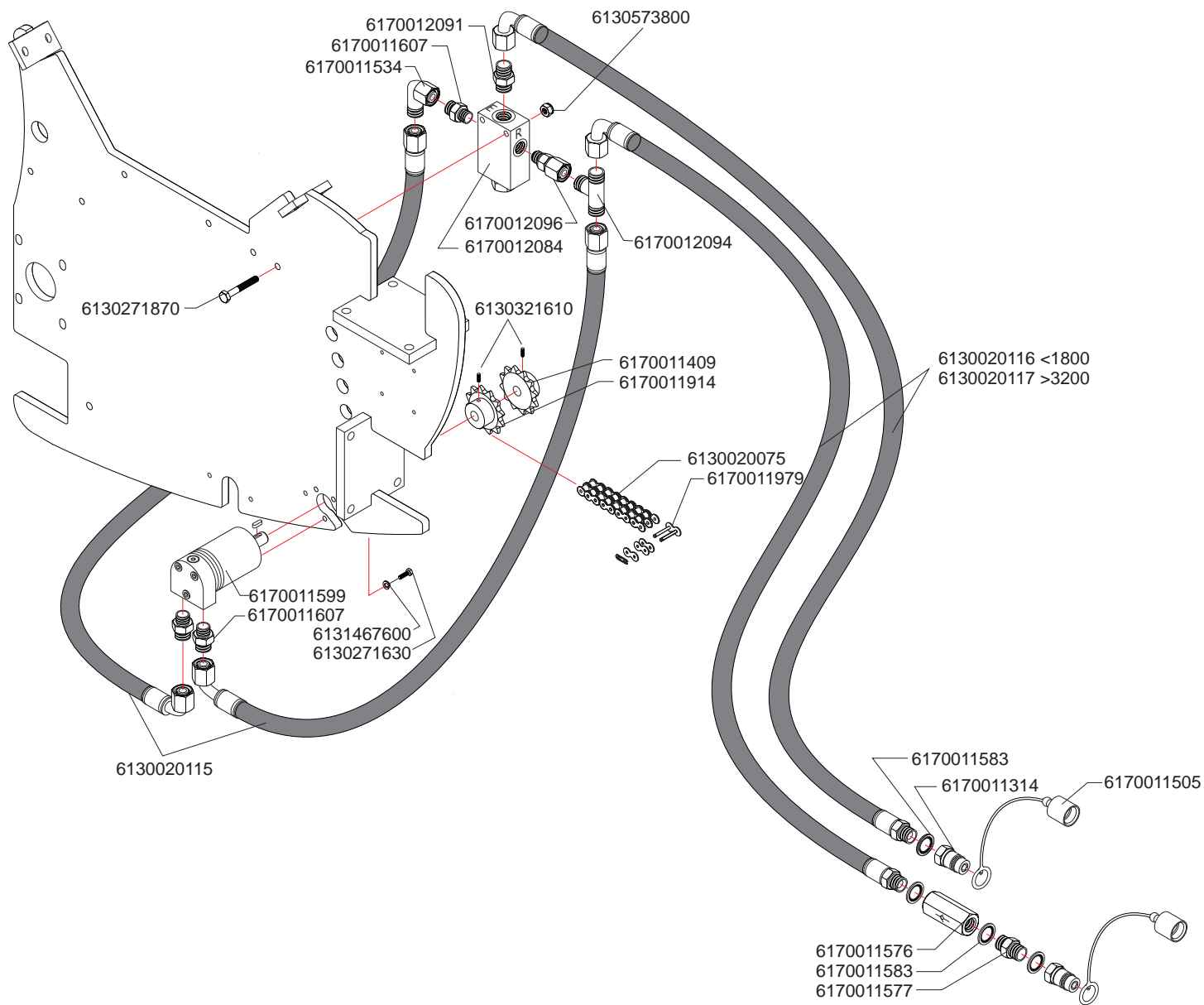


Revisie: 29-11-17	P.P.W.	nr: 301-8W-B
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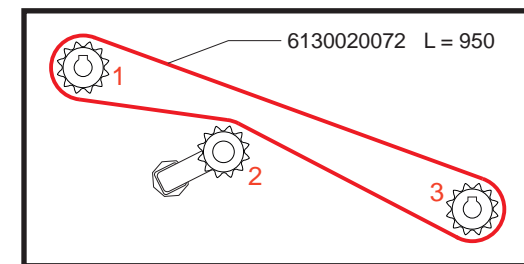
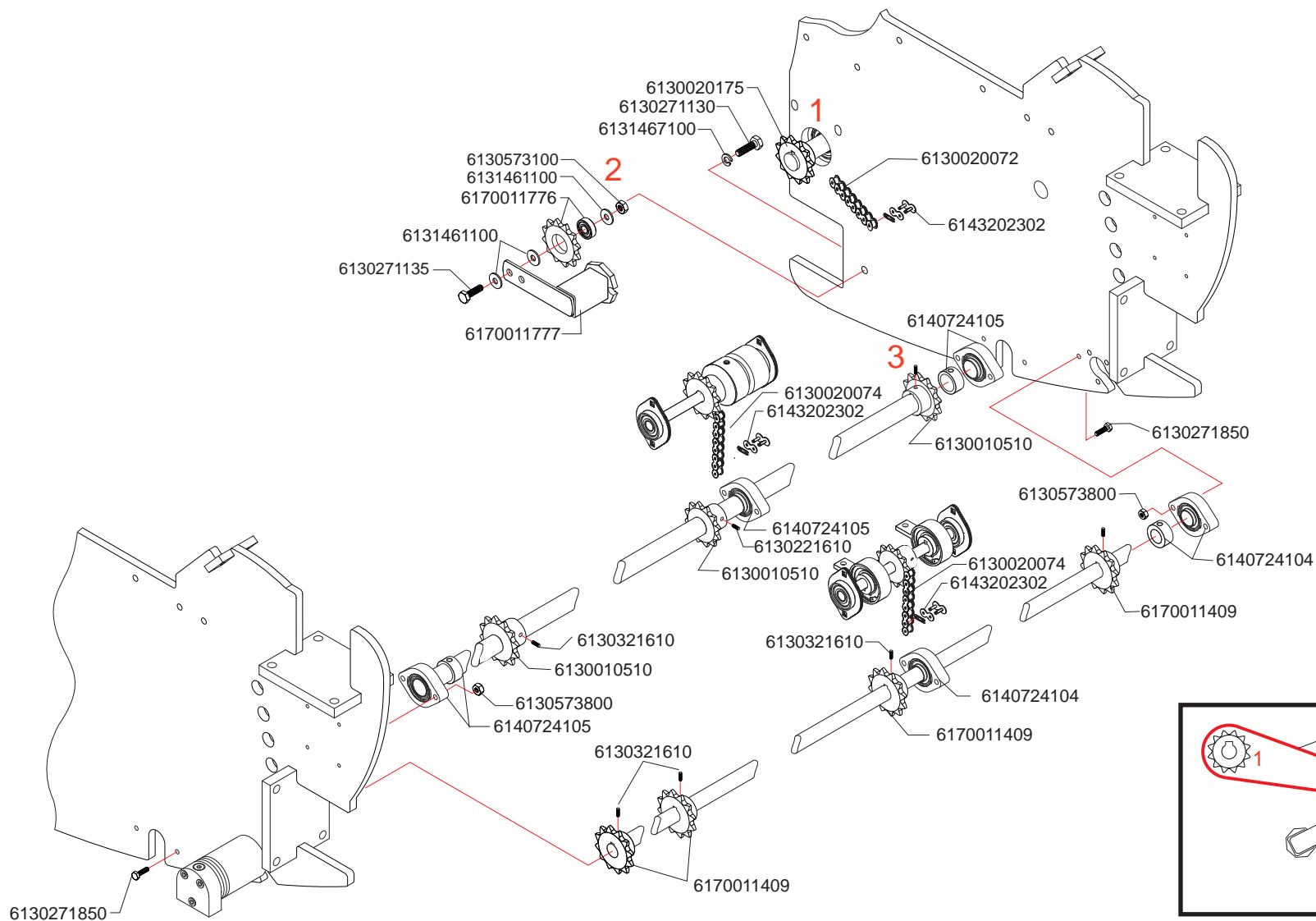
vanaf 2017-07-01 tot ...  
from 2017-07-01 until ...  
von 2017-07-01 zu ...

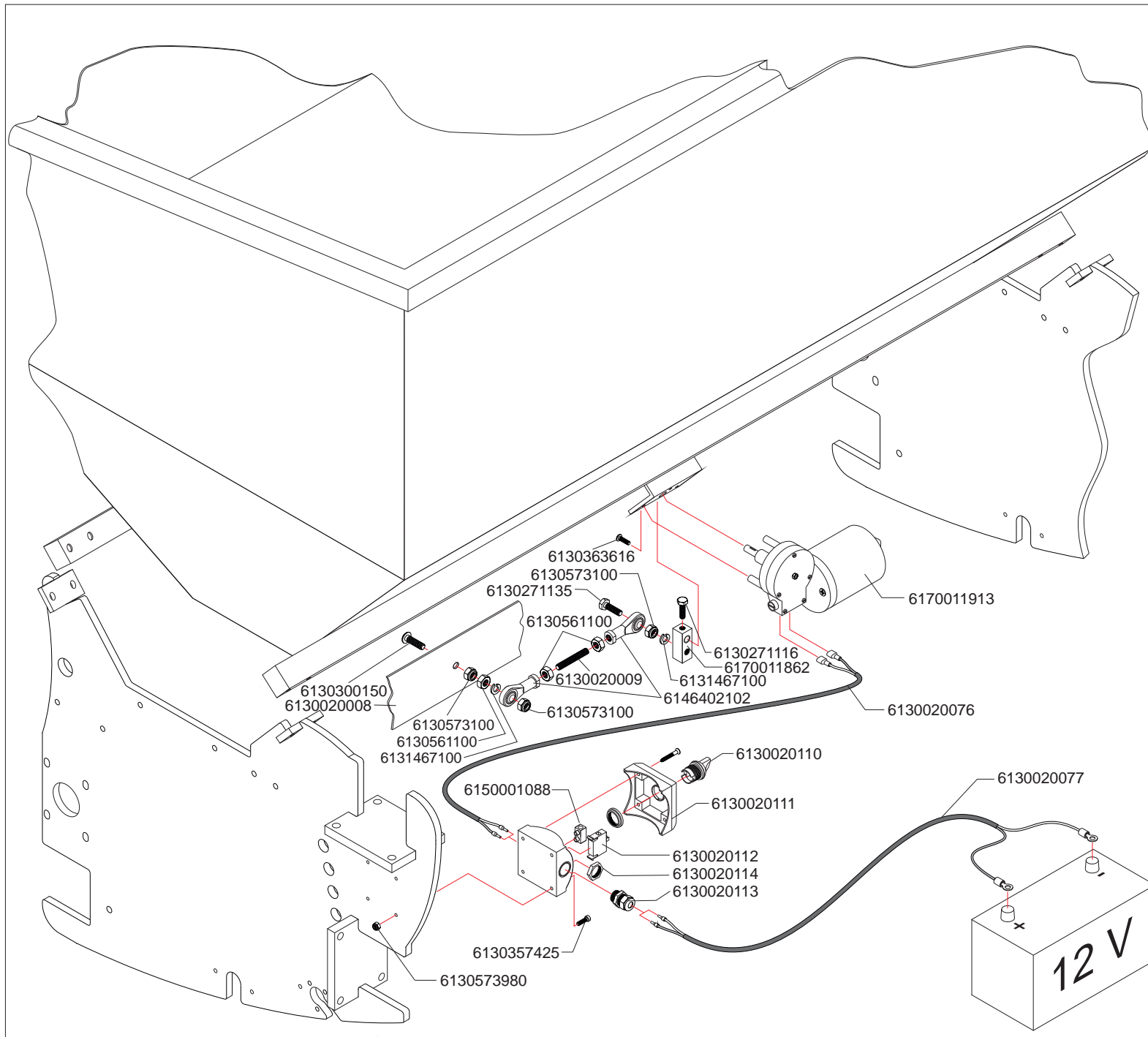


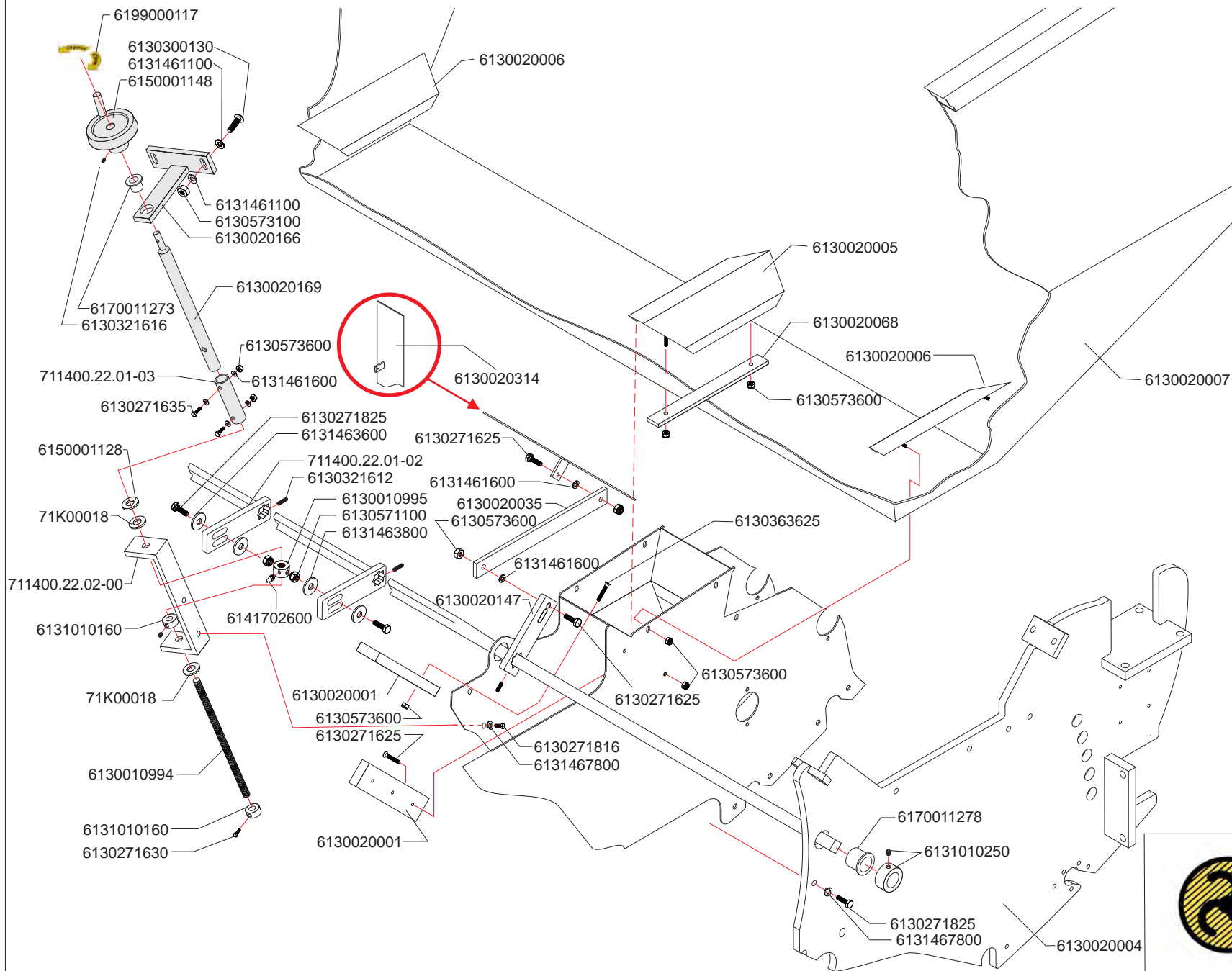
Revisie: 18-05-16 | P.P./M.P. | nr: 301-9-B

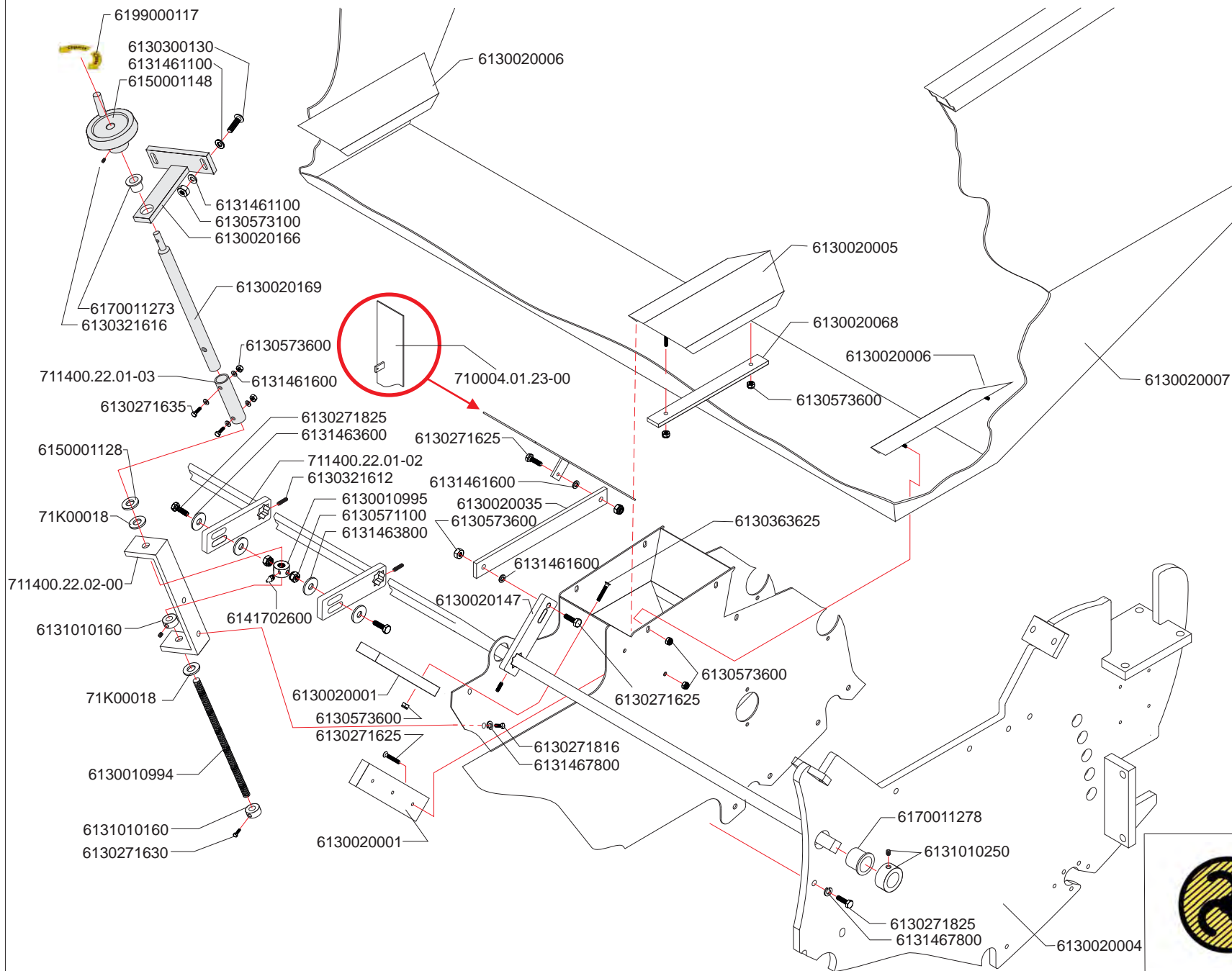








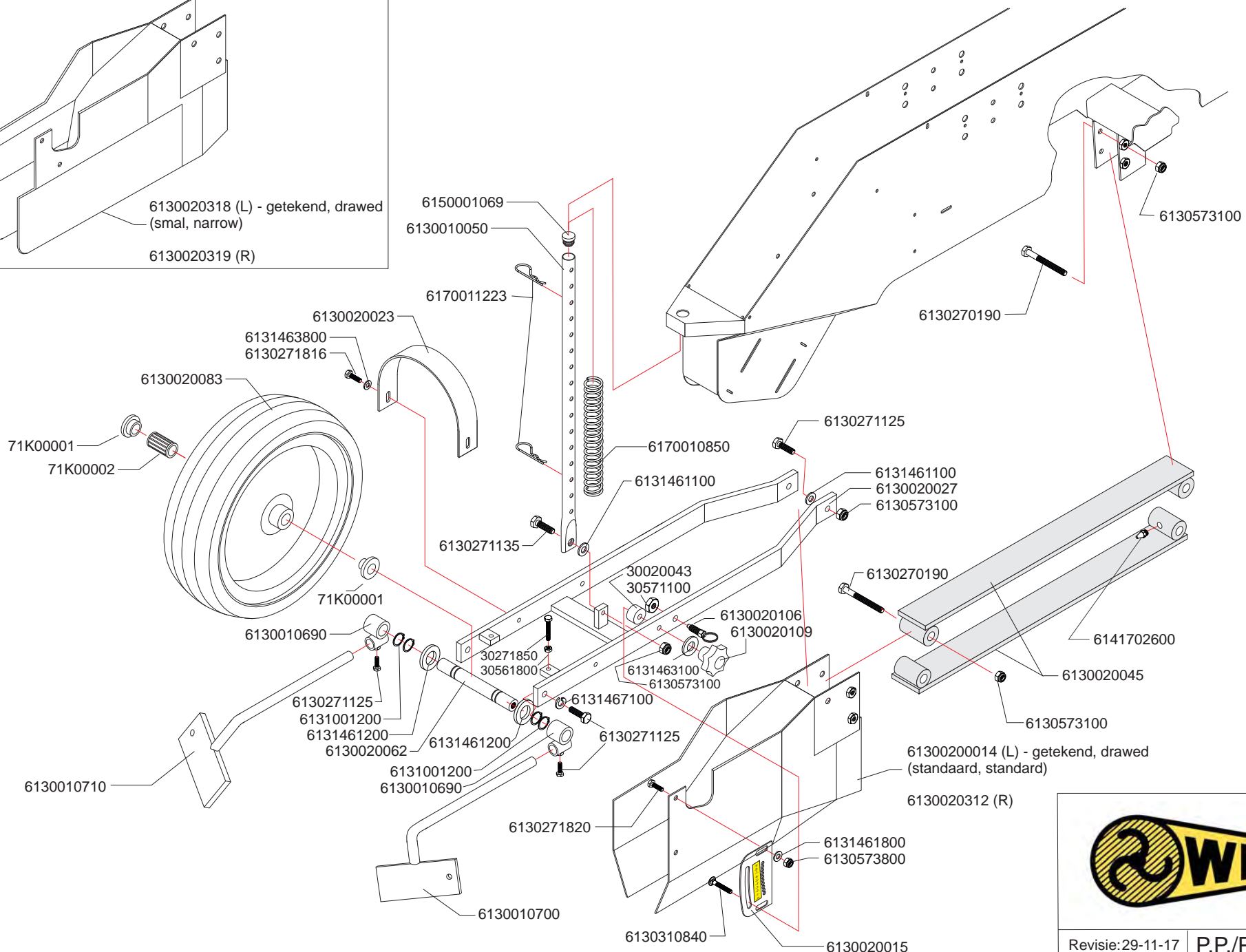
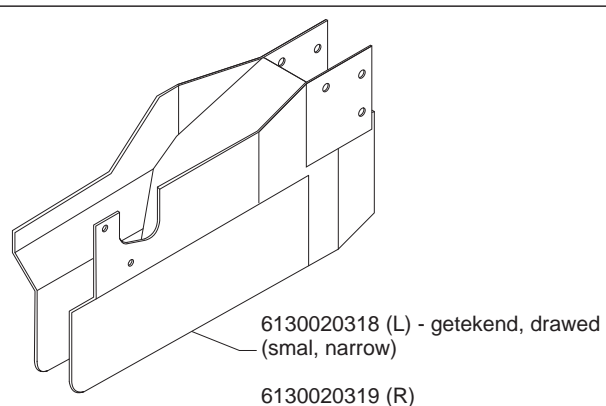


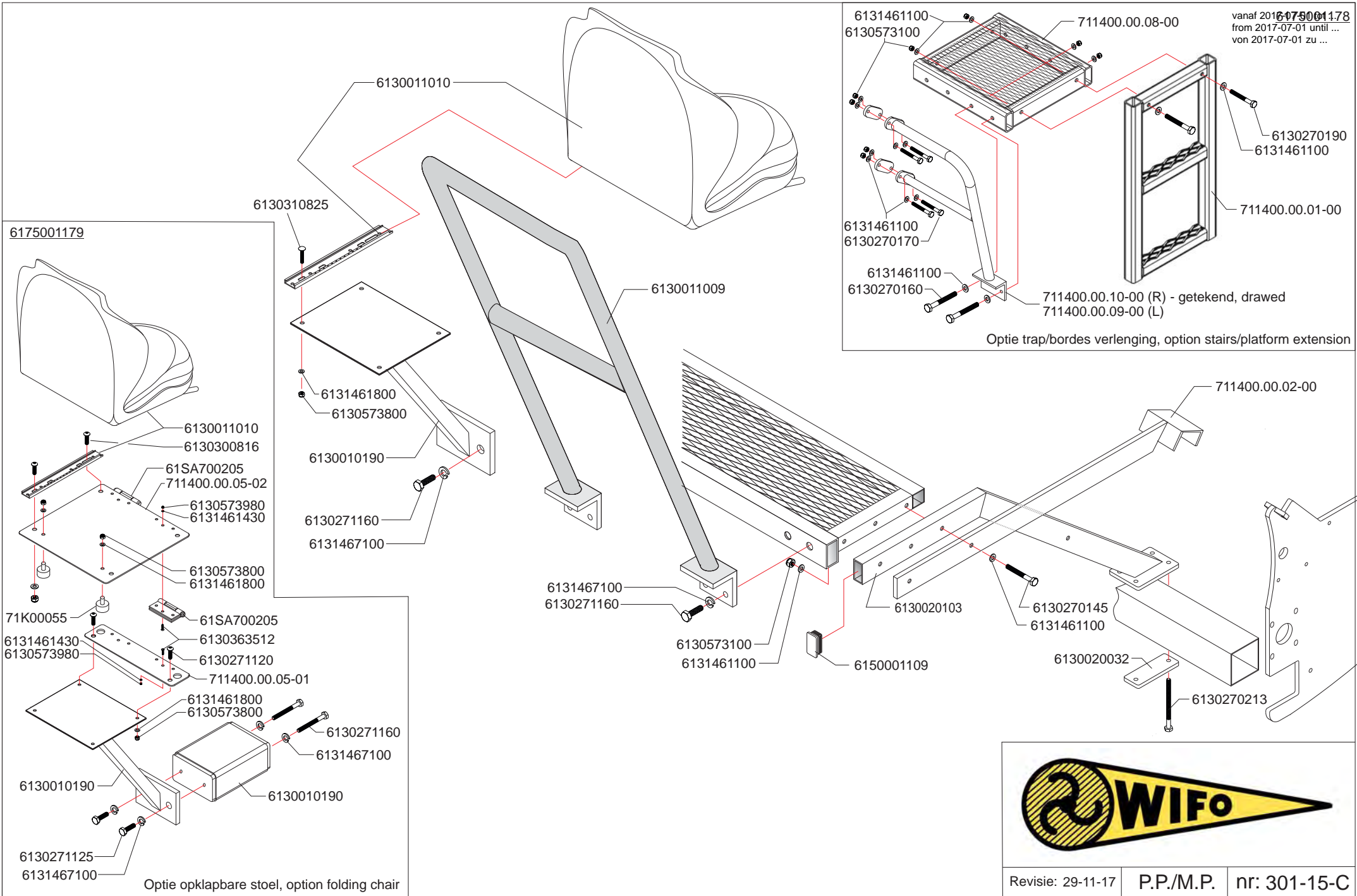


Revisie: 29-11-17


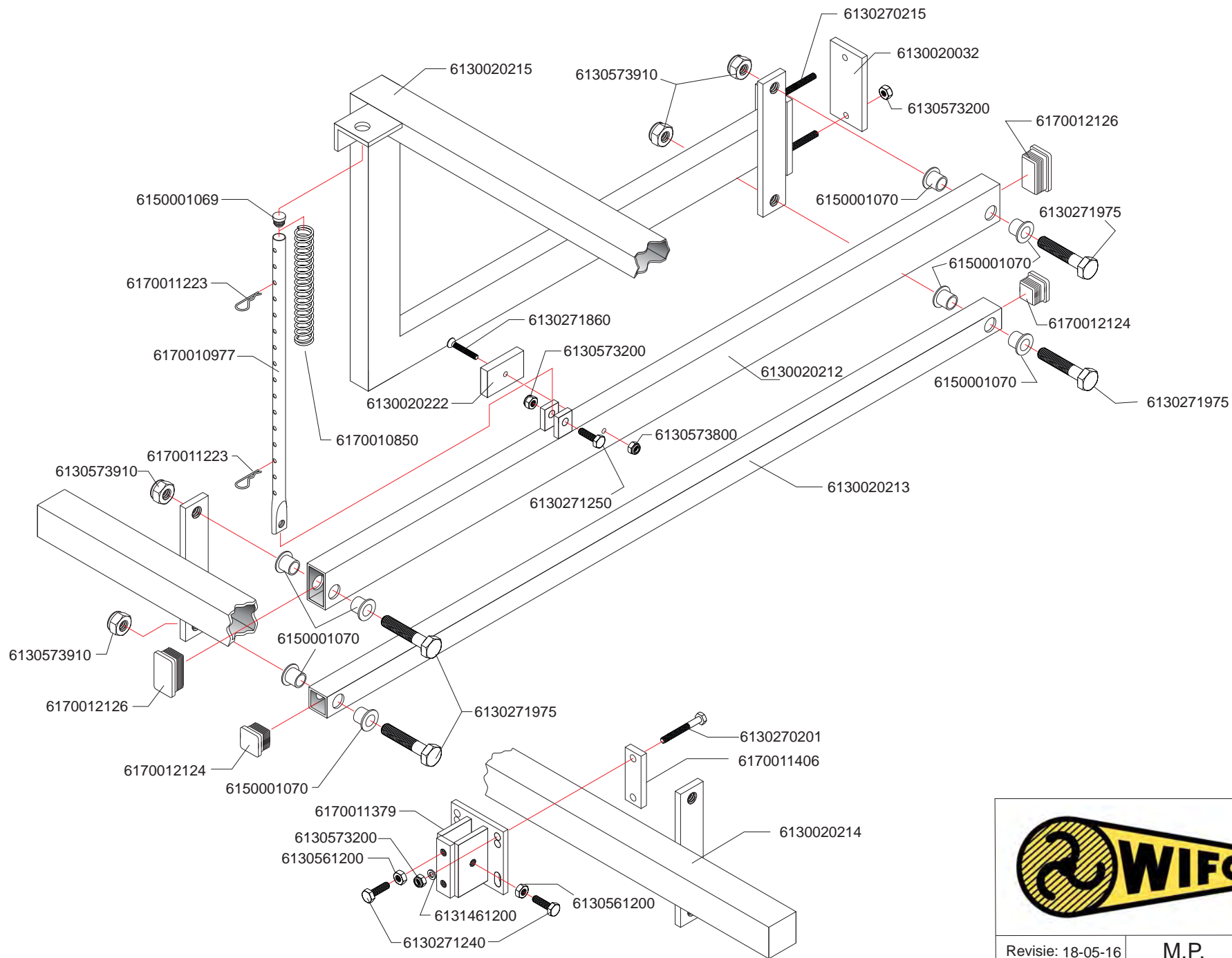
P.P.W.

nr: 301-13W-C





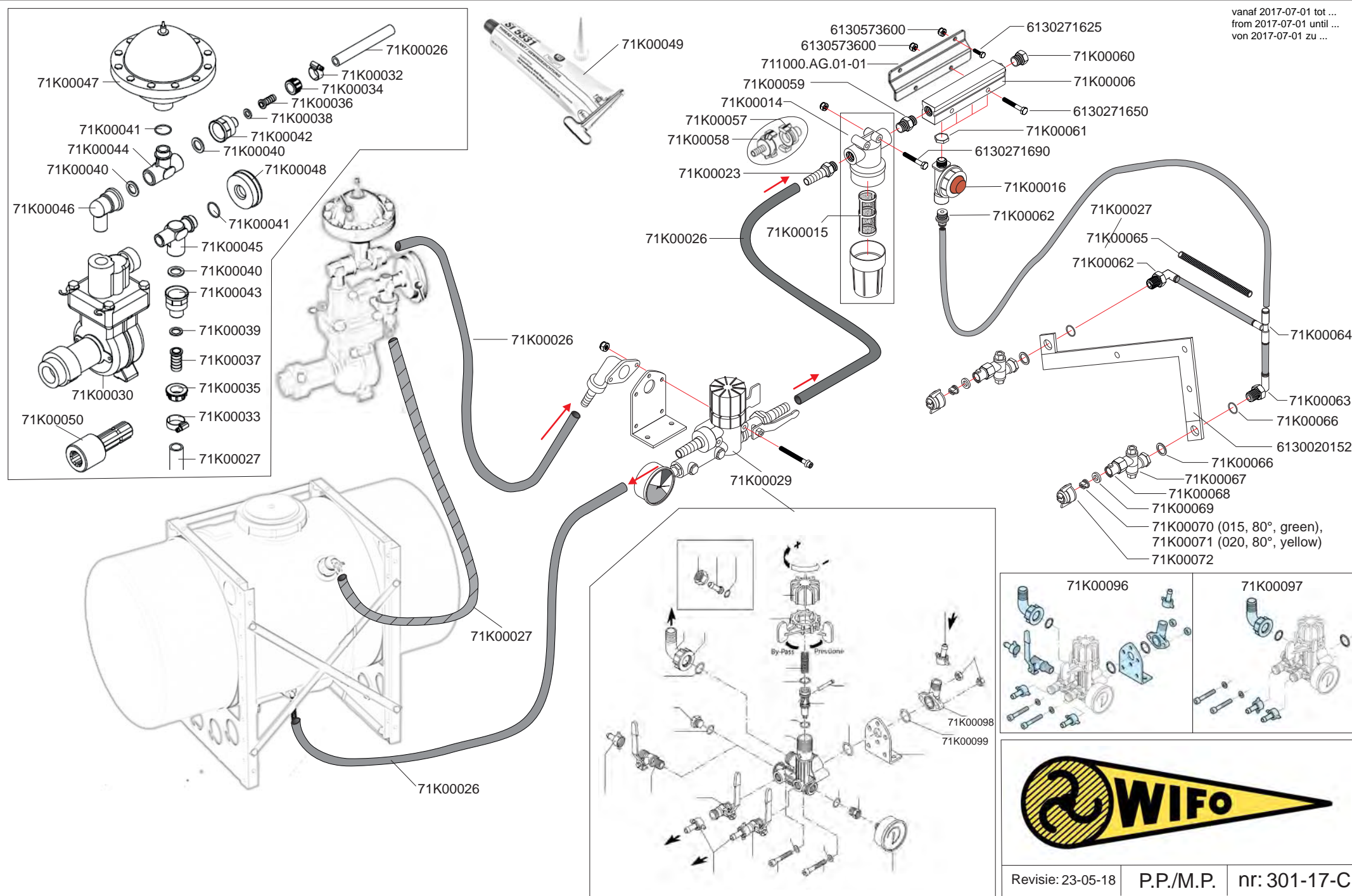
Revisie: 29-11-17 | P.P./M.P. | nr: 301-15-C



WIFO

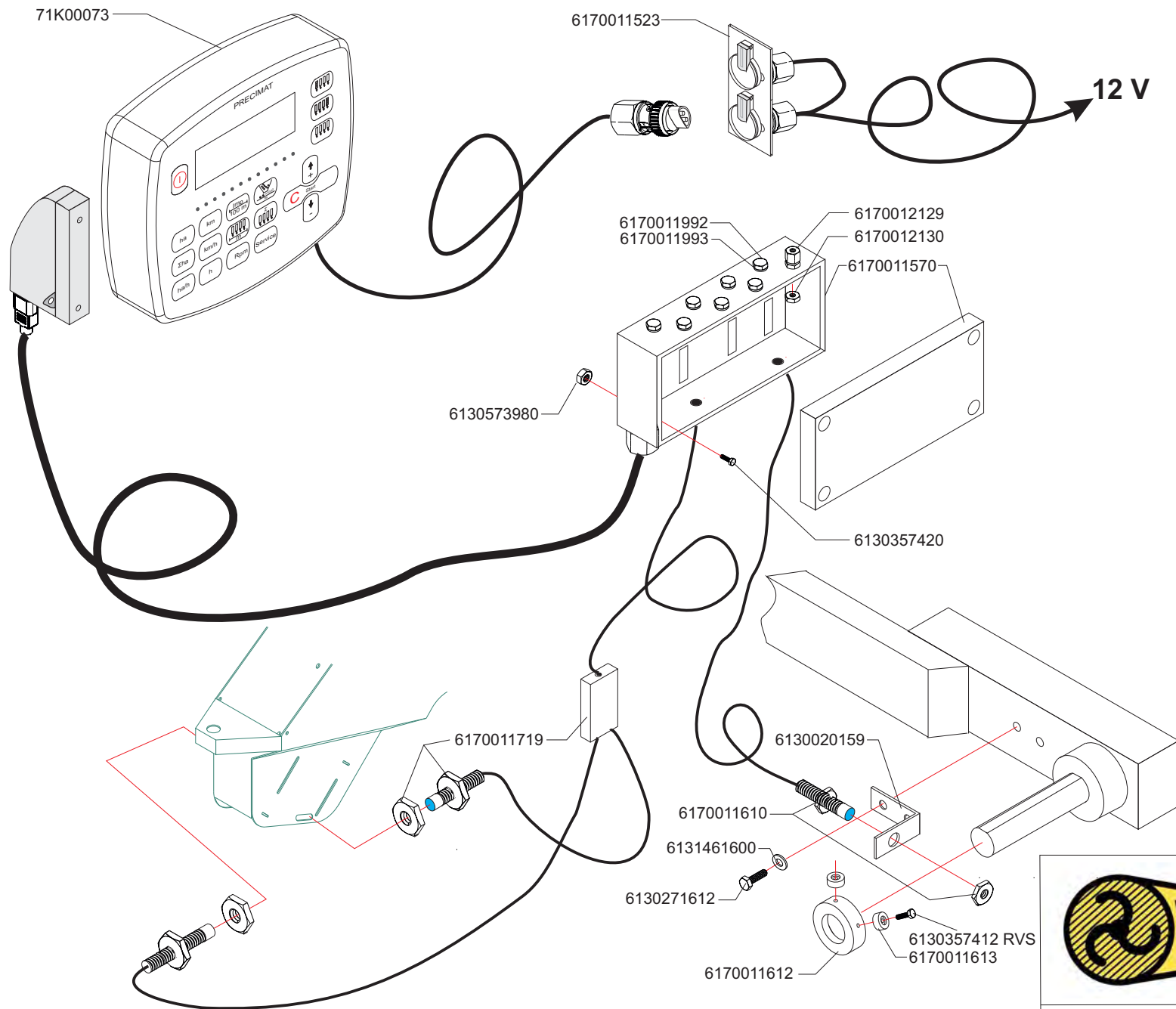
Revisie: 18-05-16	M.P.	nr: 301-16-B
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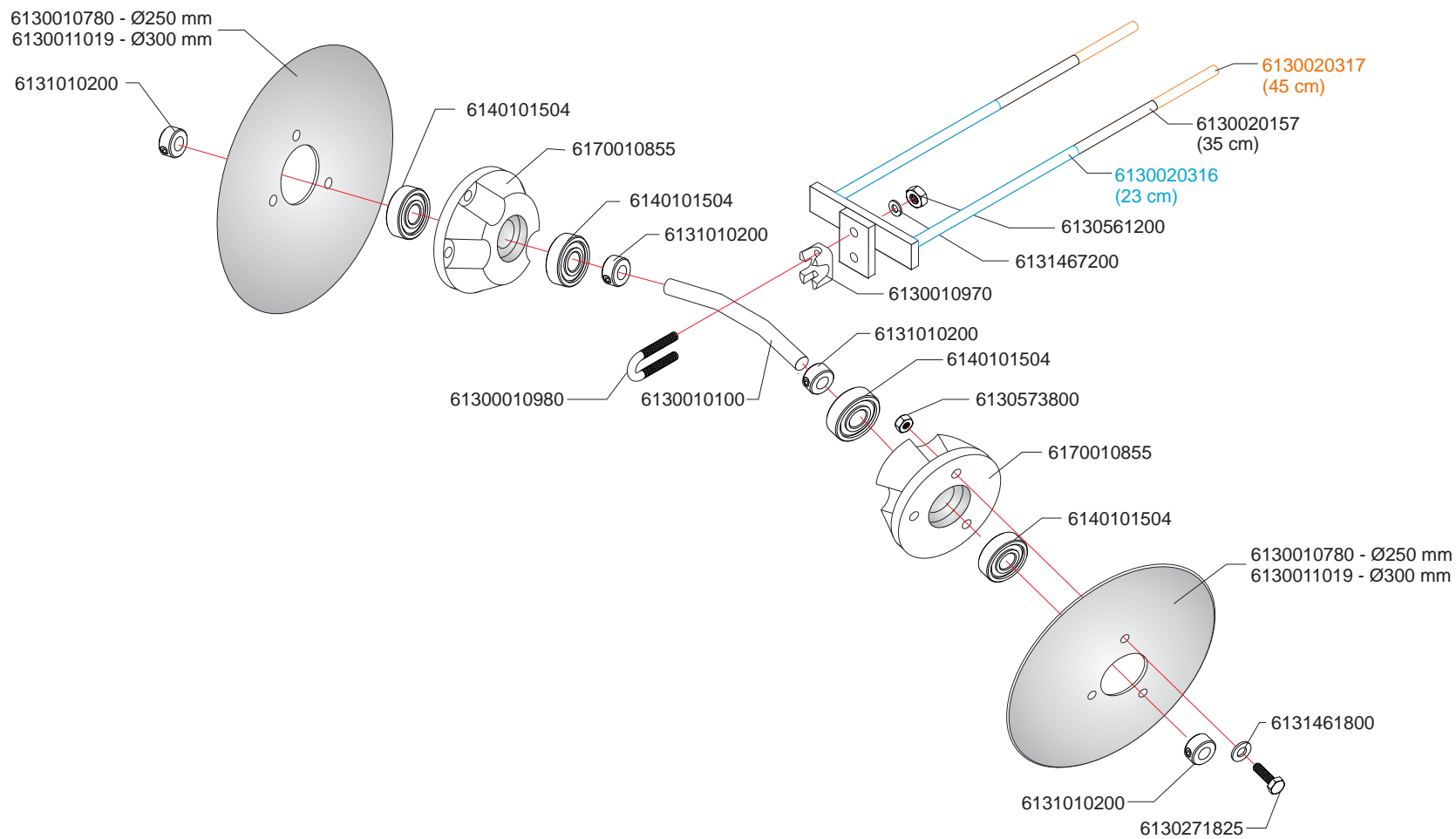
vanaf 2017-07-01 tot ...  
from 2017-07-01 until ...  
von 2017-07-01 zu ...



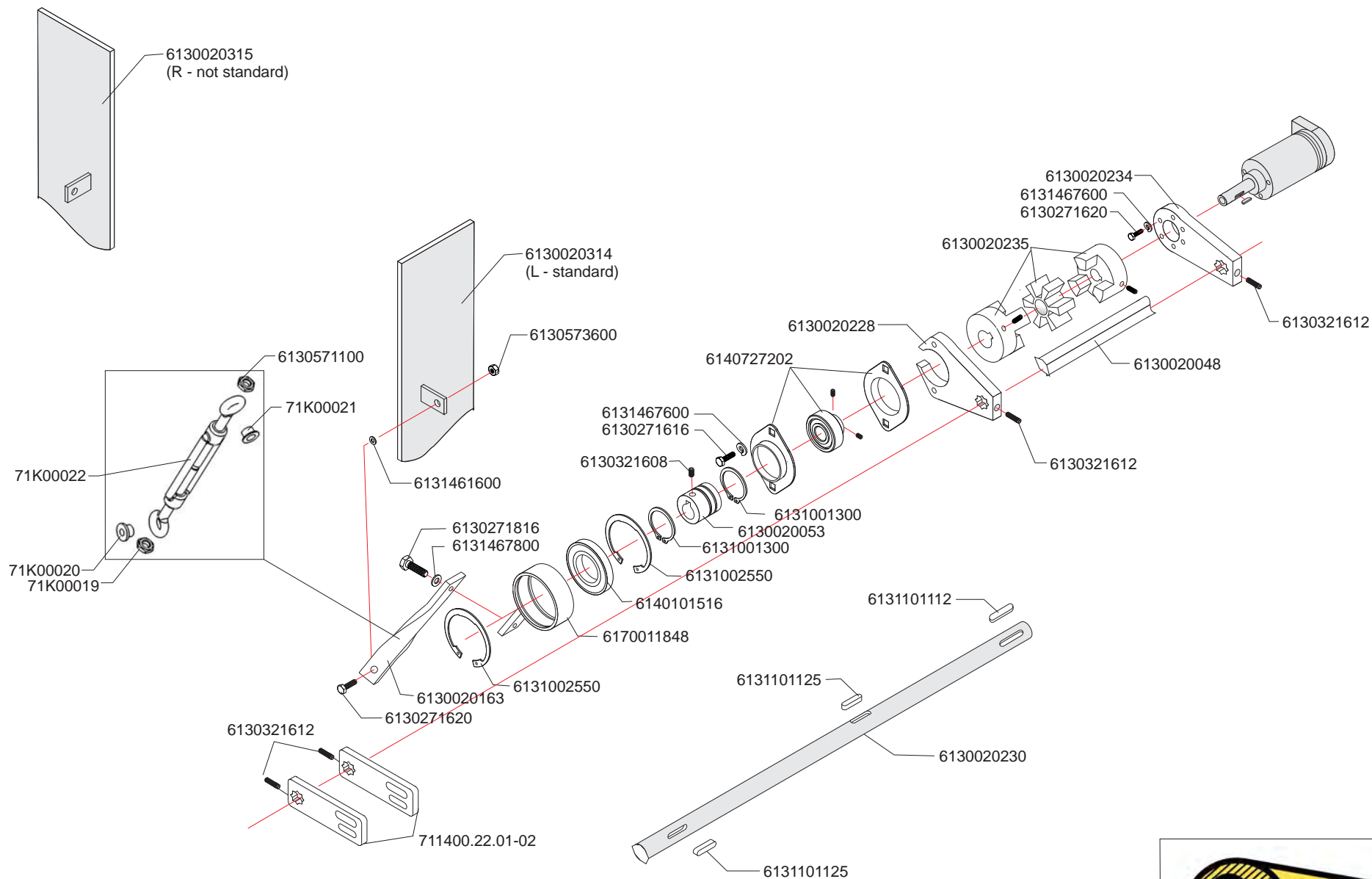
Revisie: 23-05-18 | P.P./M.P. | nr: 301-17-C







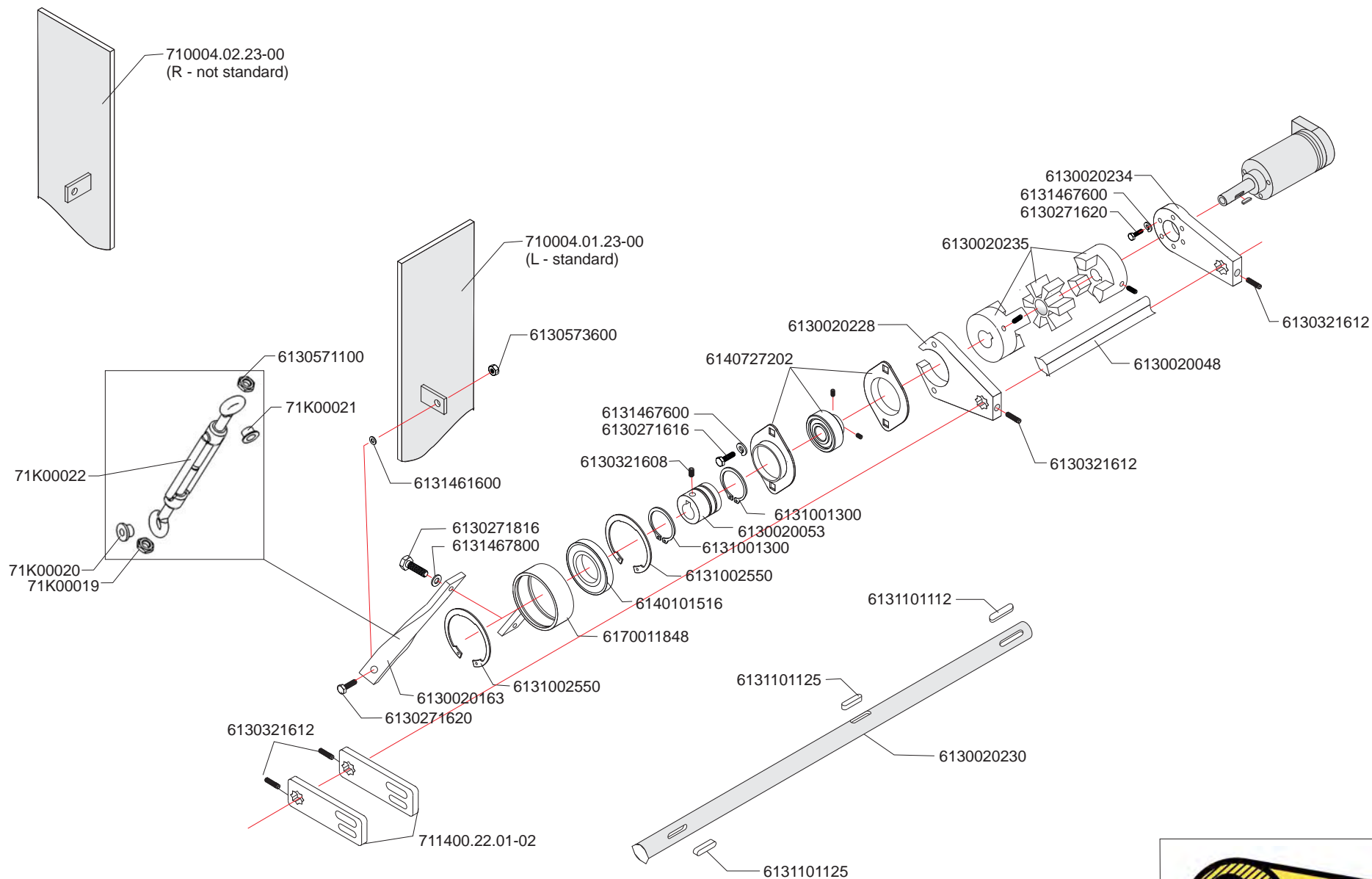
Revisie: 01-12-17	P.P./P.P.W	nr: 301-19-B
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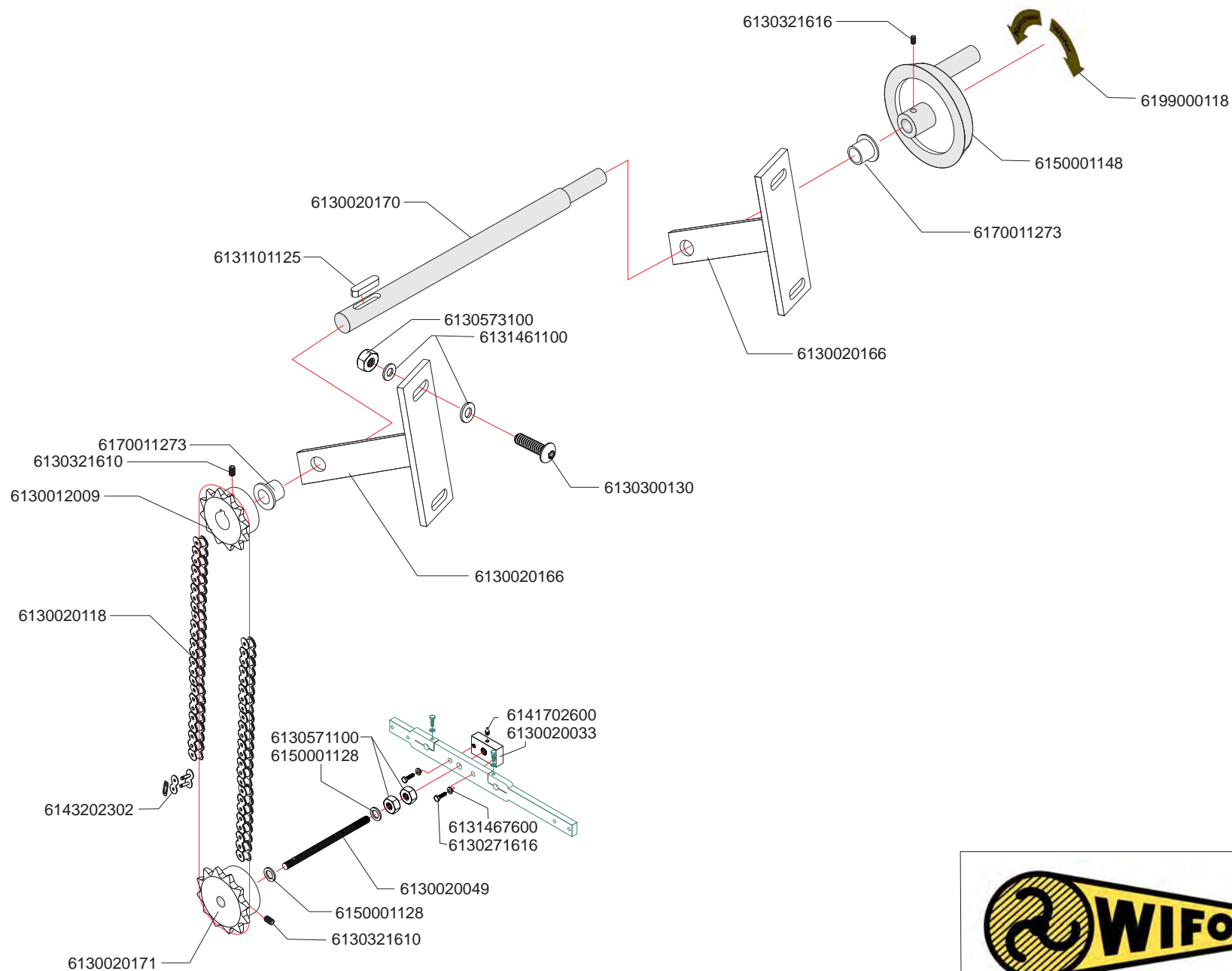
Revisie: 04-12-17

P.P.

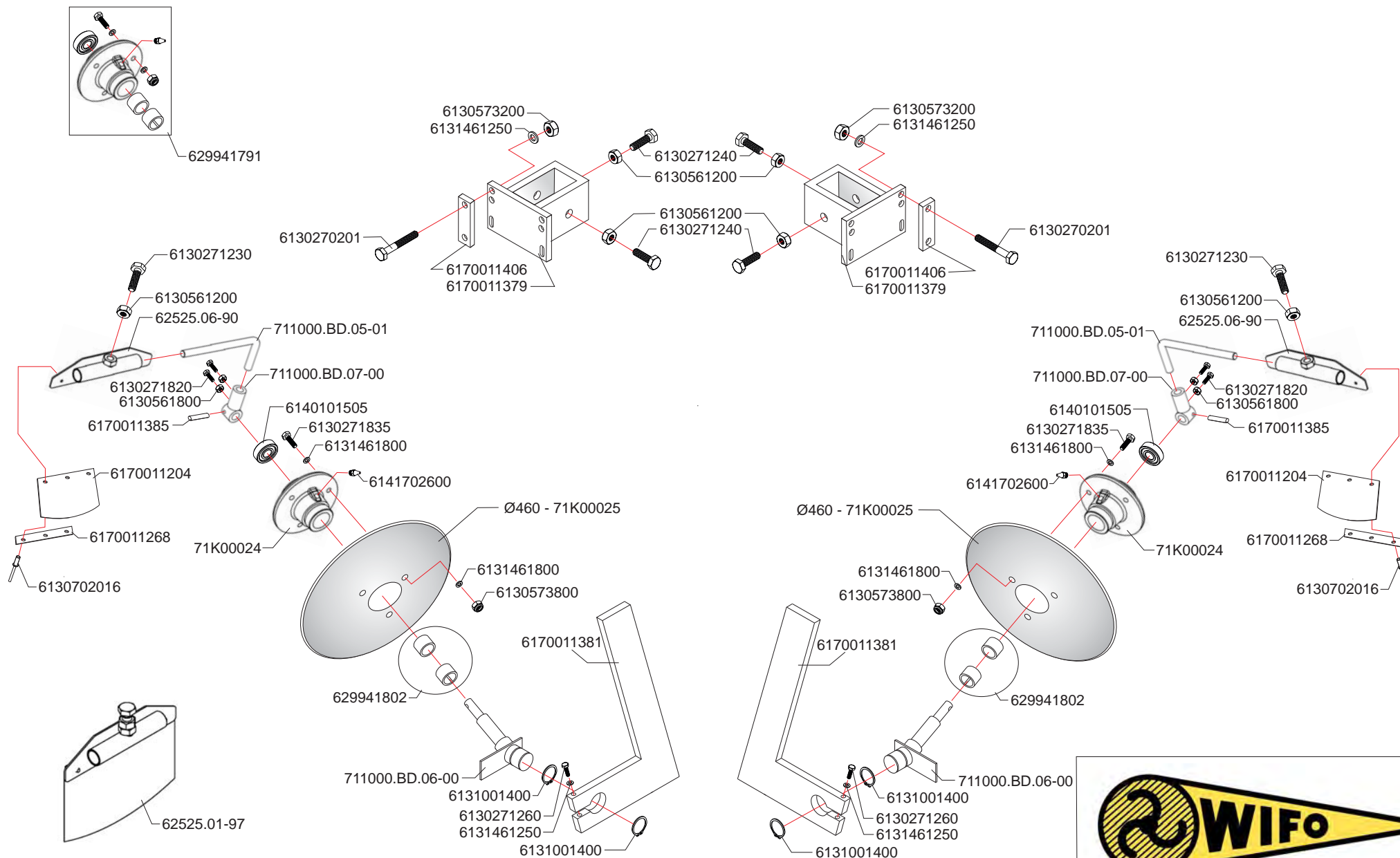
nr: 301-20-C



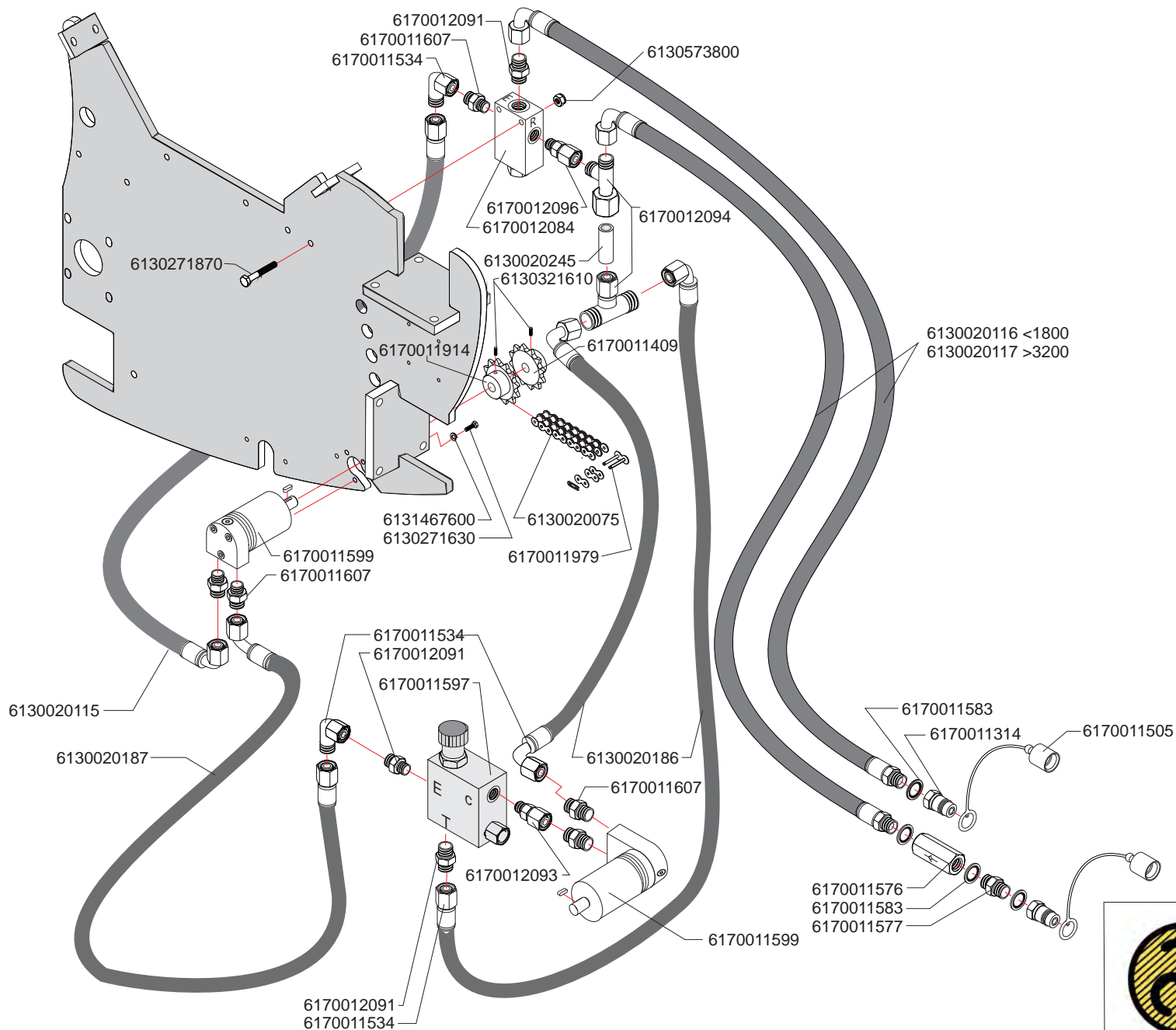
vanaf 2017-07-01 tot ...  
from 2017-07-01 until ...  
von 2017-07-01 zu ...



Revisie: 20-05-16 | P.P./M.P. | nr: 301-21-A



vanaf 2017-07-01 tot ...  
from 2017-07-01 until ...  
von 2017-07-01 zu ...



Revisie: 20-05-16	P.P./M.P.	nr: 301-23-A
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7114xx.xx.xx-xx = 2 rijer  
7116xx.xx.xx-xx = 4 rijer  
7117xx.xx.xx-xx = 5 rijer  
etc.

71xx30.xx.xx-xx = 30 cm rijafstand  
71xx75.xx.xx-xx = 75 cm rijafstand  
71xx90.xx.xx-xx = 90 cm rijafstand  
etc.

71xxxx.xx.0x-xx = PP element  
71xxxx.xx.2x-xx = PPW element

