

IRON BALTIC

LOG HAULER

DOWNLOAD MULTILINGUAL
USER MANUAL



code.ironbaltic.com/u/rQuMSiHQ

Code 31.0000US

Version 24012024



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

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EC DECLARATION OF CONFORMITY

Manufactured by: Iron Baltic OÜ
Address: Põldmäe tee 1, Vatsla 76915
Product: **Log hauler**
Type: **31.0000US**
Model: **31.0000S Log hauler with rear support**

Hereby we confirm that this product is in conformity with the requirements of Directive **2006/42/EC**, applicable to the safety and functionality of machinery, regarding the replaceable equipment and it is in compliance with the standard **EN12100** Safety of machinery – General principles for design – Risk assessment and risk reduction.

In witness whereof CE marking is attached to the product.

Place and date of issue of the declaration: Vatsla, 01.12.2019



.....
Tiit Norak
Member of the Board

INTRODUCTION

Thank you for choosing Iron Baltic product. This manual contains the Log Hauler and its Rear support technical details and instructions how to assemble, operate and maintain the product safely. Unnecessary use of the product can result economic damage and personal injury, so it is very important that the person who using the product read and use this manual in accordance with the requirements. Any misuse of the product will release the manufacturer from liability for any damage or expense incurred.

NOTE: Photos and drawings in this manual may not necessarily depict the actual models of log hauler or their accessories. They are merely given as a frame of reference and are based on the latest available information at the time of publication.



This symbol is used throughout the manual and on warning signs in order to warn users of the potential for serious injury. Before using the vehicle and log hauler, carefully read the safety instructions and make sure that you have understood them. Follow all instructions and ensure that everyone who uses the equipment follows them!

Keep this manual for future reference.

Based on the specifications for your model, please check that you have received all of the parts for your particular set

SAFETY INSTRUCTIONS

Most accidents occur due to negligence or carelessness. Avoid unnecessary accidents and follow the safety instructions given below.

TRAINING

1. Read thoroughly the safety instructions and terms of use.
2. Never allow children to operate the vehicle or the log hauler. Never allow adult persons to operate the vehicle or the log hauler if they have not received the proper training
3. Neither the vehicle nor the log hauler can be used while drunk or under the influence of drugs that affect perception or reaction.
4. Do not allow bystanders, children or animals into the work zone.



PROHIBITED ACTIONS

- Never operate the log hauler on overly steep slopes.
- Never operate the log hauler without all the protective parts properly installed.
- Do not operate the log hauler before you have carefully read the whole operation manual.
- Never drive faster than 20km/h, or what the vehicle manufacturer recommends (the lower speed must be observed).
- Never carry any passenger on the log hauler.

MANDATORY ACTIONS

- Follow all the instructions of the ATV manufacturer.
- Always use proper protective equipment (helmet etc.) when using the vehicle.
- Make sure that bystanders are moved to a safe distance when operating the log hauler.
- Make sure that all of the safety stickers are in good condition. Replace damaged stickers as required.
- Reduce the speed of the ATV when working on a hillside or uneven terrain.
- Be careful when braking.
- The load to the ATV hitch ball should not exceed 60kg, or the weight specified by the manufacturer of the vehicle (the lower weight must be observed).
- The safe road-steadiness of the vehicle must always be ensured by using the correct accessories for the task in hand (chains, counterbalances, etc).
- Always check that all components are properly installed.
- Check and tighten the bolts after the first working hour and then after every ten working hours.
- When unhooking the log hauler, make sure there is no load on the log hauler
- Lubricate the grease nipple on the towing coupling head after every 50 working hours or twice a year.



IF SOMETHING HAPPENS DURING THE WORK THAT COULD DAMAGE THE PRODUCT, AN INSPECTION OF THE DEVICE MUST BE CARRIED OUT TO IDENTIFY POSSIBLE DAMAGE. DAMAGE (CRACKS IN CONSTRUCTION OR WELDS, DEFORMED PARTS) CAN ENDANGER PROPERTY AND HUMAN HEALTH. THE DEVICE MUST NOT BE USED BEFORE THE DAMAGE IS REMOVED.



MAKE SURE THAT THE LOG HAULER IS IN PERFECT WORKING CONDITION AND THAT THE TOWING COUPLING HEAD IS PROPERLY ATTACHED TO THE ATV HITCH BALL.

SAFETY LABELS

The safety labels shall be present on your log hauler. If any of those labels is absent or gets damaged, contact your dealer in order to install new labels in place of the absent ones before operating the machine.

Meaning of safety labels

	Maximum permitted speed 20 km / h!
	Maximum load capacity 500 kg!
	Never carry any passenger on the log hauler!
	It is forbidden to drive slopes over 15°!
	Read the manual before use!

PRODUCT DESCRIPTION

The Iron Baltic Log Hauler is a durable device that can be attached to the ATV or UTV and designed to transport logs up to 500 kg (with rear support up to 1000 kg) load.

The log hauler is designed for ATVs and UTVs to be used off-road but can be towed with any other vehicle equipped with a 50 mm hitch ball. Log hauler does not cause notable damage to the terrain and is easily maneuverable between trees, allowing access to places where large tractors are not accessible. Wide tires gives the excellent offroad capabilities, allowing you to easily move over stumps and ditches.

The log carrier can be fitted with a rear support (31.5000) for the transportation of longer logs and a carrier frame (31.6000) for smaller branches.

Standard equipment :

- Log hauler

Optional extras :

- Electric / manual winch
- Rear support
- Carrier frame for branches

Product	Log hauler
Model	31.0000
Dimensions	1700 mm x 1200 mm x 1300 mm
Load capacity	500 kg
Weight	70 kg
Tires	Off-road 22 x 11 – 8

Table 1: Log hauler technical data

Product	Log hauler rear support
Model	31.5000
Dimensions	1400 mm x 1100 mm x 800 mm
Load capacity	500 kg
Weight	45 kg
Tires	Off-road 22 x 11 – 8

Table 2: Rear support technical data

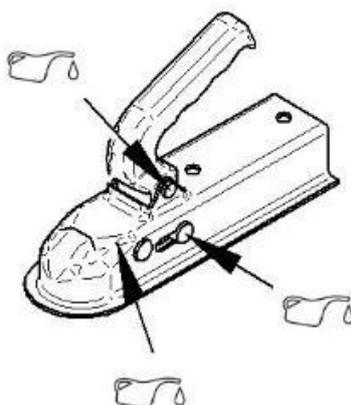
USER GUIDE

- Read the safety instructions before driving!
- Check tow coupling connection to the tow beam before ride.
- Before ride, check is the towing coupling securly connected with tow ball (check the indicator on tow coupling)
- Before ride, check tire condition and pressure (the exact tire pressure is marked on the side of the tire). If needed change the tires. Use only tires specified by the log hauler manufacturer.
- Before ride, check tension of the wheel bolts.
- When loading the log hauler, take into account maximum mass and that the load to the ATV hitch ball should not exceed 60kg, or the weight specified by the manufacturer of the vehicle (lower weight must be observed).
- The highest speed when transporting a load is 20km/h, or what the vehicle manufacturer recommends (the lower speed must be observed).

MAINTENANCE

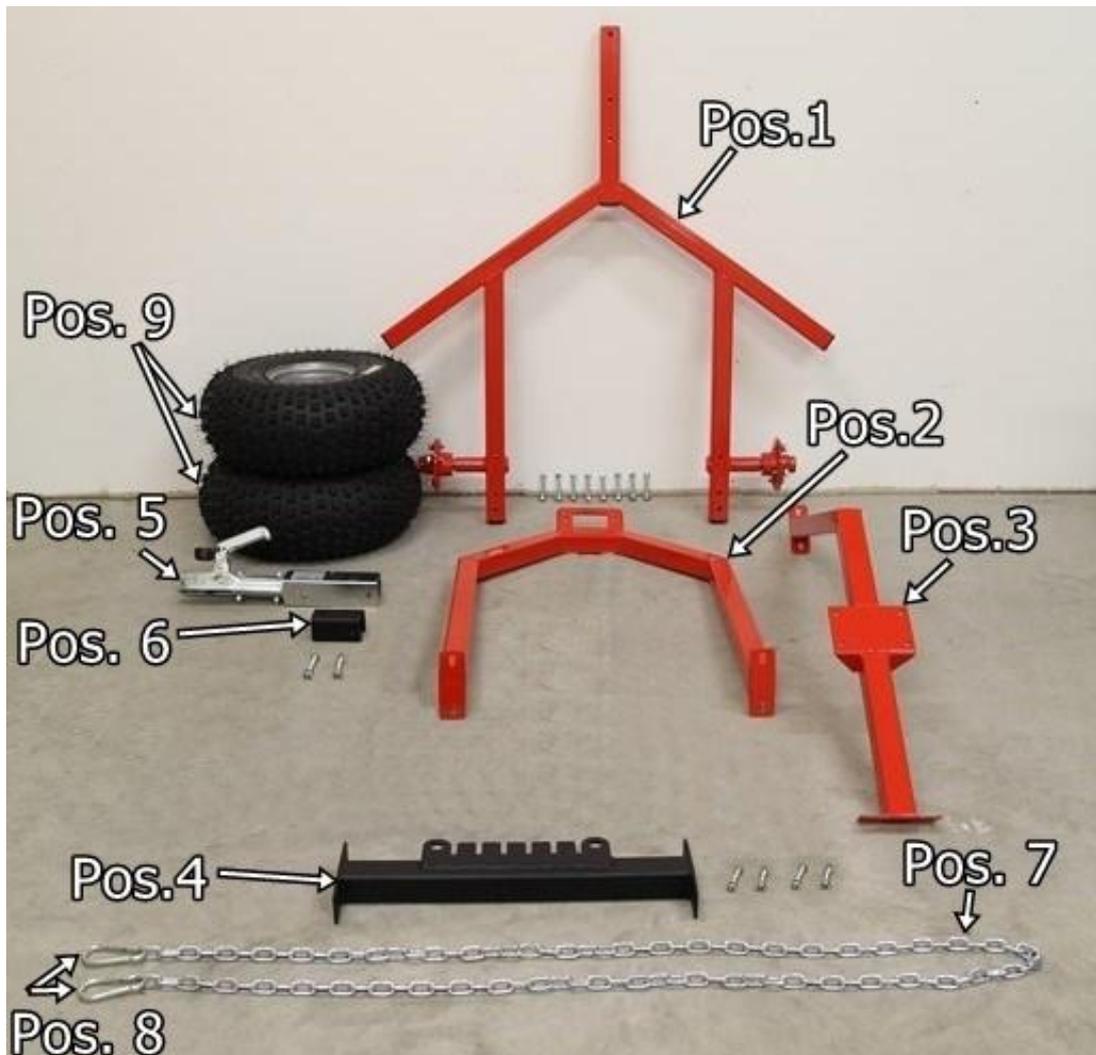
Maintenance activity:	Before and after work	Weekly	Monthly	Seasonally
Clean the log hauler	•	•	•	•
Tire pressure, wheel bolts, tow coupling connection check	•	•	•	•
Visual inspection of parts fastening	•	•	•	•
Checking the condition of all connecting parts		•	•	•
Inspection of safety labels		•	•	•
Lubricate the tow coupling			•	•
Checking the wear rate of metal parts			•	•

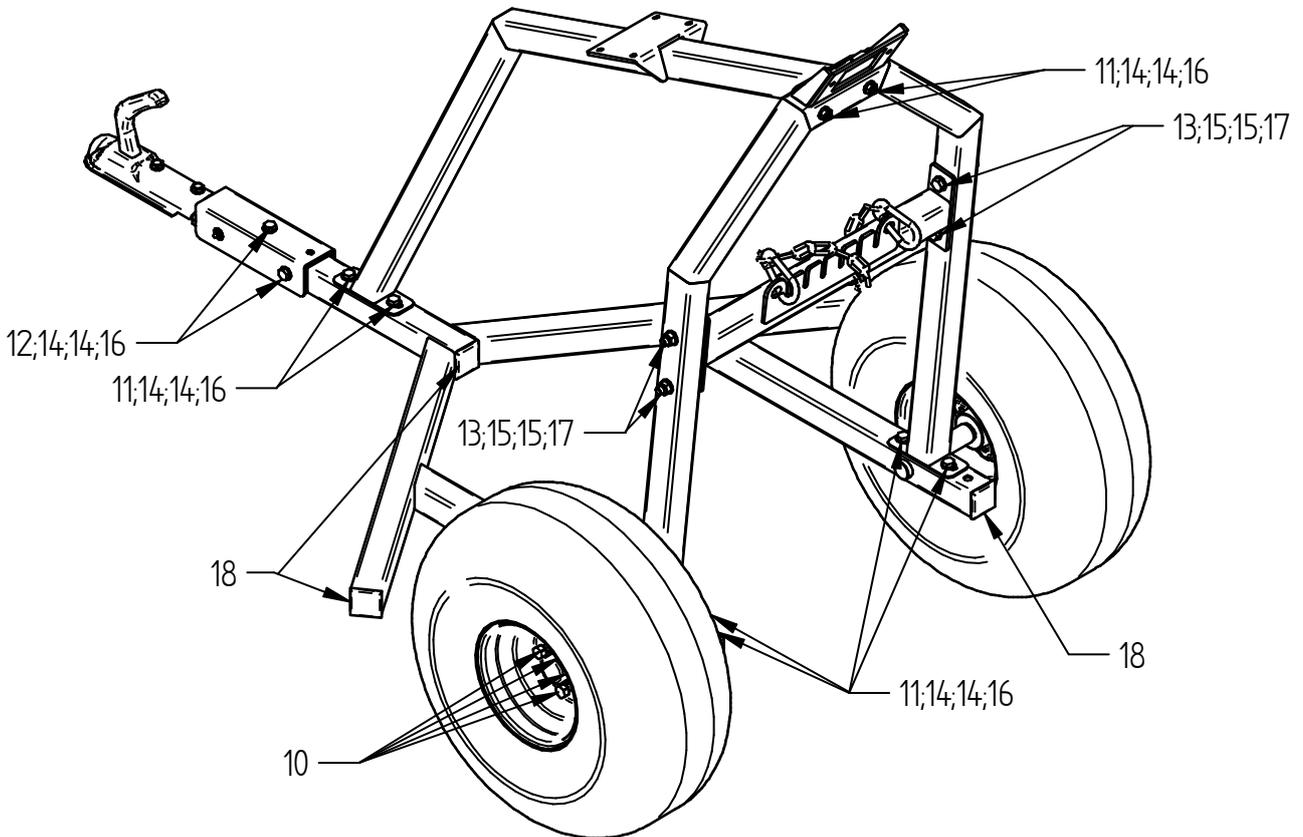
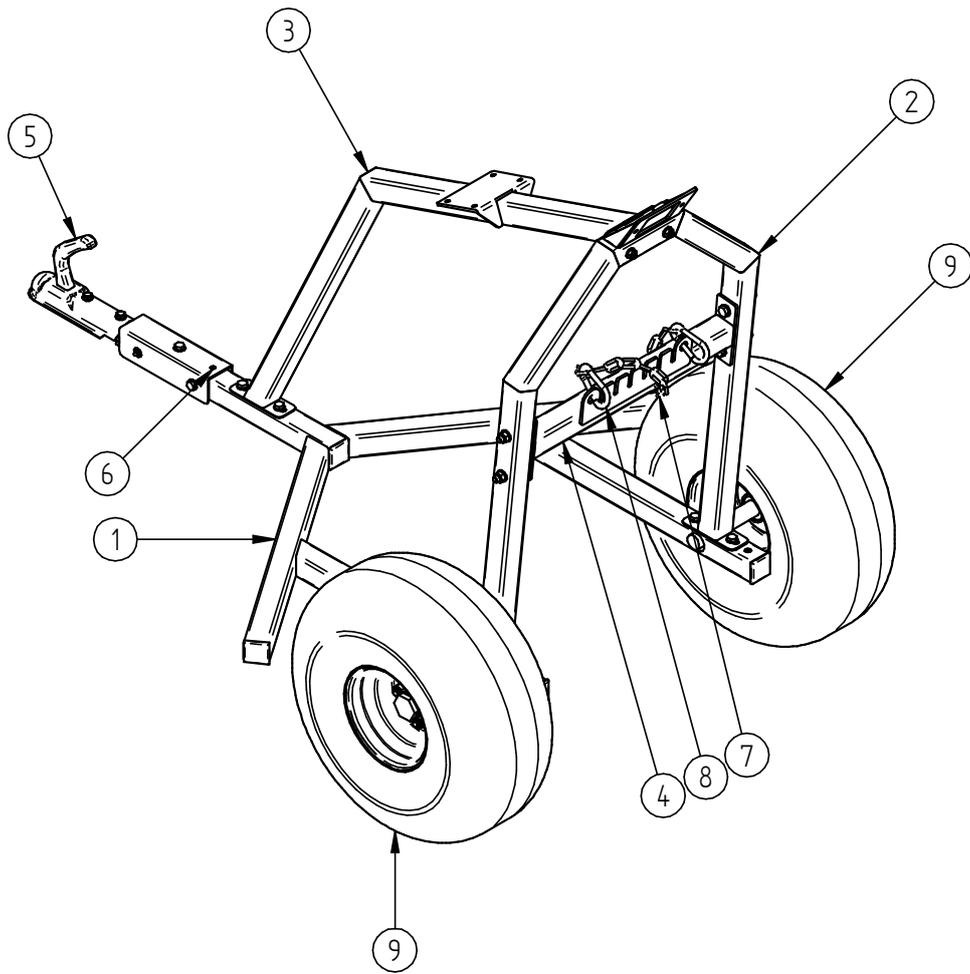
- Always wash the log hauler after use.
- Only change log hauler tire on flat and hard surface.
- If the tow coupling moves difficultly, add oil to places showde on the diagramm or contact manufacturer or licenced reseller.



LOG HAULER ASSEMBLING GUIDE

Pos.	Description	Code	Amount
1	Frame part 1	31.000K1	1
2	Frame part 2	31.000K2	1
3	Frame part 3	31.000K3	1
4	Log hauler	31.200K	1
5	Coupling	23.1120US	1
6	Coupling plate	31.101	1
7	Chain 5,8x50x22 (2,6 m)	OT.27.00.050	1
8	Carabiner 10x100	OT.14.01.020	2
9	Wheel 22x11-8"	OT.10.03.010	2
10	Wheel bolt M12x1,5x25	OT.02.09.010	8
11	Bolt M10x70 DIN931	OT.02.01.046	8
12	Bolt M10x80 DIN931	OT.02.01.048	2
13	Bolt M12x80 DIN931	OT.02.01.119	4
14	Washer Ø10 DIN125	OT.04.01.040	20
15	Washer Ø12 DIN125	OT.04.01.050	8
16	Nyloc nut M10 DIN985	OT.03.02.050	10
17	Nyloc nut M12 DIN985	OT.03.02.060	4
18	Tube end cap 50x50	OT.10.07.020	5
19	Manual winch kit	31.4000	1





Step 1

Connect frame parts (Pos.1 and Pos.2).



Step 2

Install frame part (Pos.3).



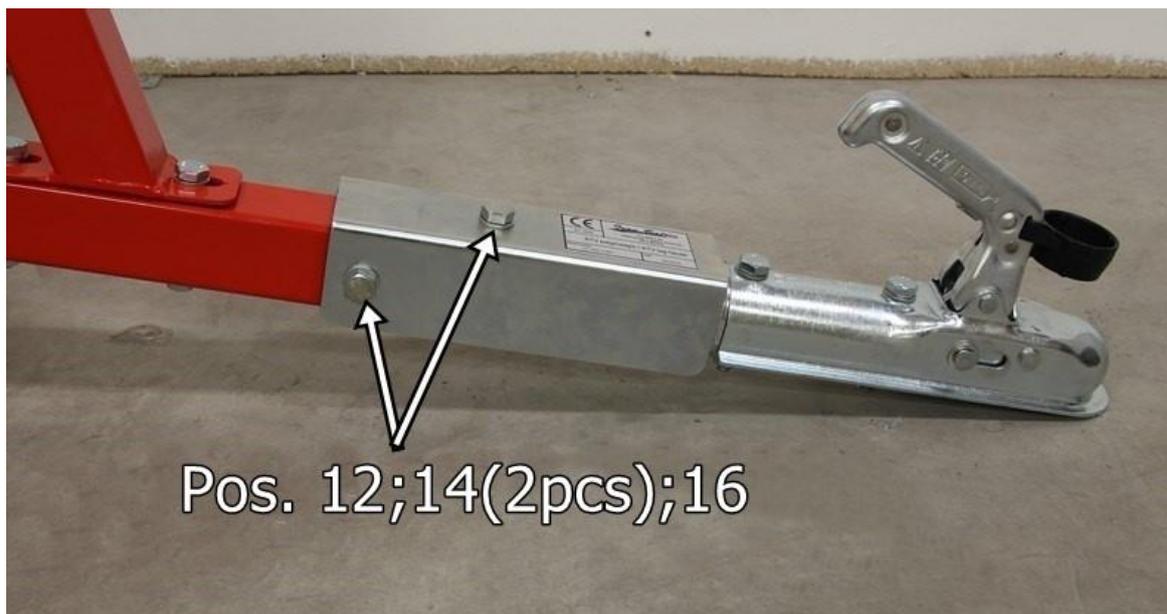
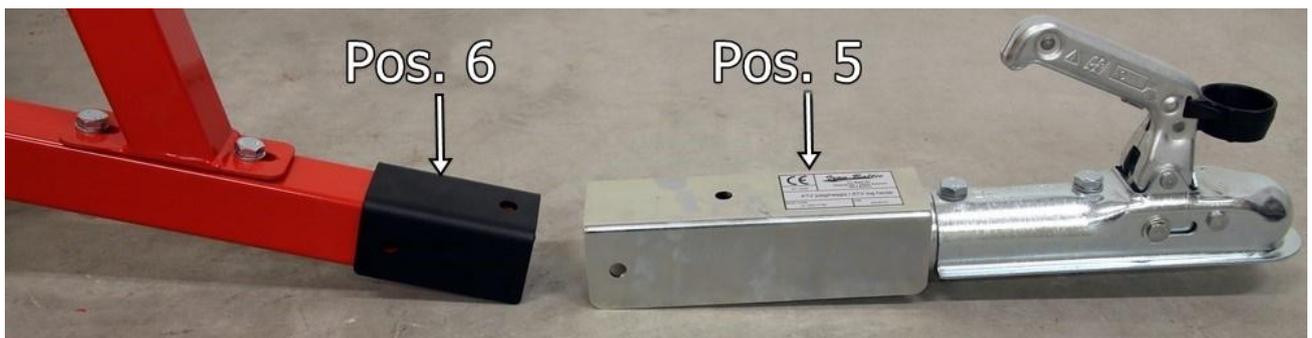
Step 3

Install wheels.



Step 4

Install coupling plate and coupling.



Step 5

Install hang tube and chains.

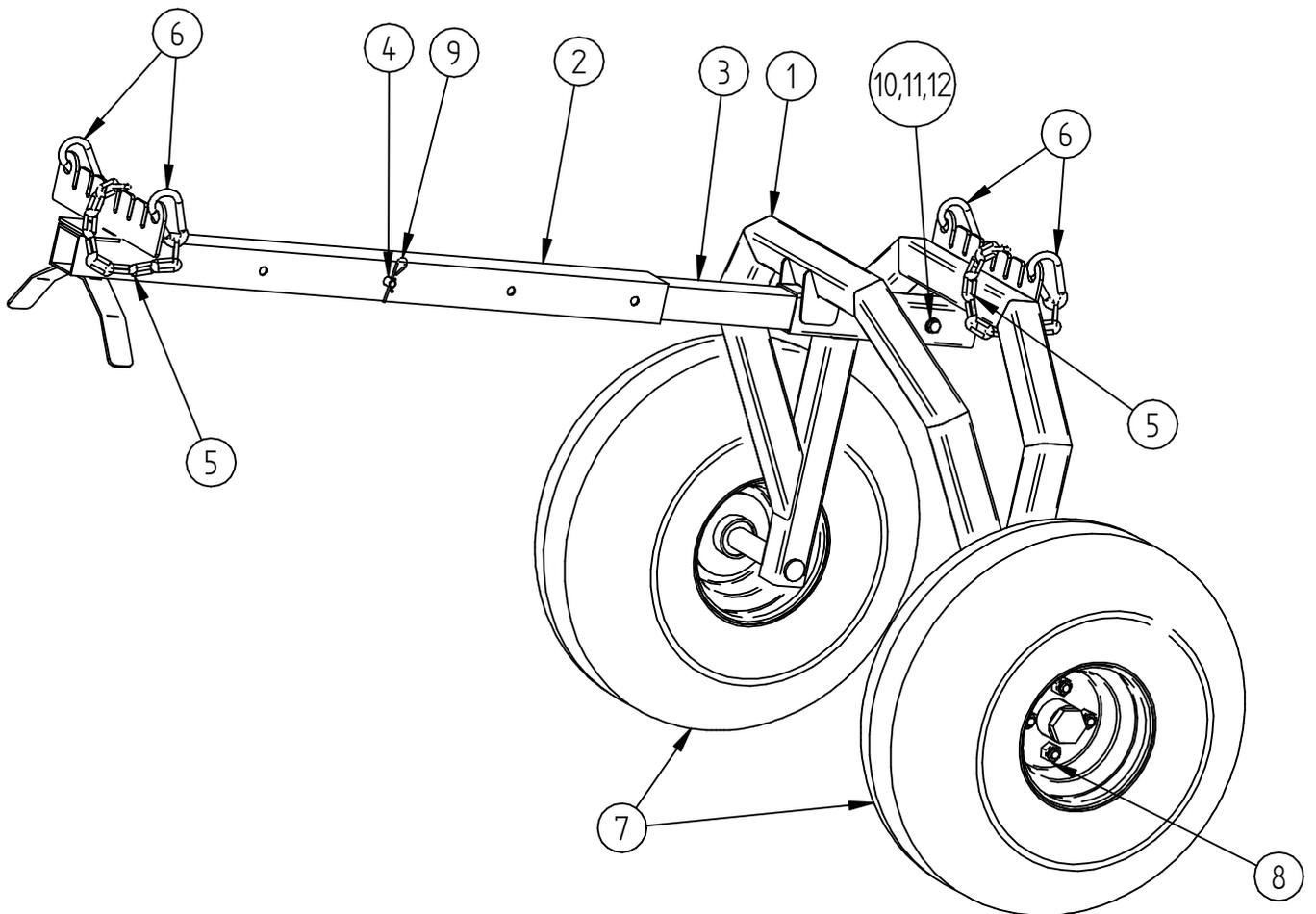


Step 6

Install hand winch (31.4000) according to instructions (see page 18).

REAR SUPPORT ASSEMBLING GUIDE

Pos.	Description	Code	Amount
1	Support frame	31.500K	1
2	Ext. telesc. tube part	31.507K	1
3	Int. telesc. tube part	31.503	1
4	Pin	31.501	1
5	Chain 5,8x50x22 (2,0 m)	OT.27.00.050	2
6	Carabiner 10x100	OT.14.01.020	4
7	Wheel 22x11-8"	OT.10.03.010	2
8	Wheel bolt M12x,15x25	OT.02.09.010	8
9	Cotter pin 3mm DIN11024	OT.07.01.020	1
10	Bolt M10x80 DIN931	OT.02.02.355	1
11	Washer M10 DIN125	OT.04.01.040	2
12	Nyloc nut M10 DIN985	OT.03.02.050	1



Step 1 Install wheels to support frame.

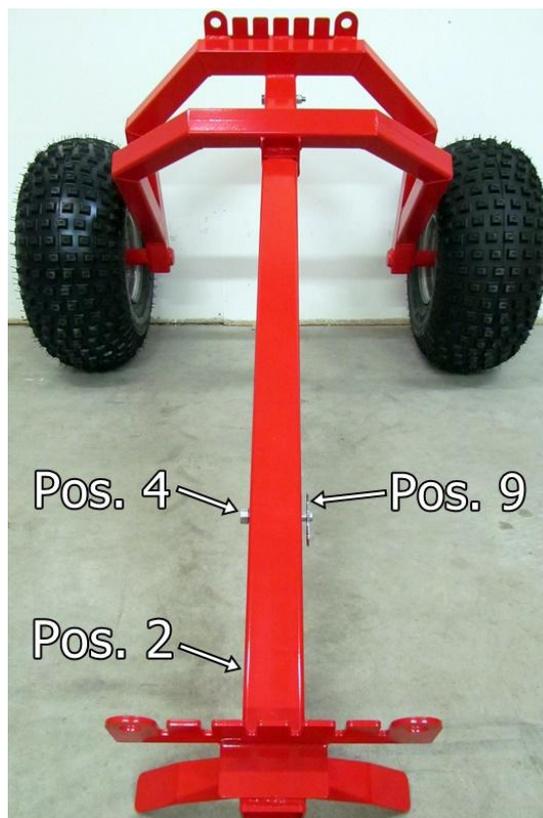


Step 2 Install inner part of telescopic tube.



Step 3

Install outer part of telescopic tube.



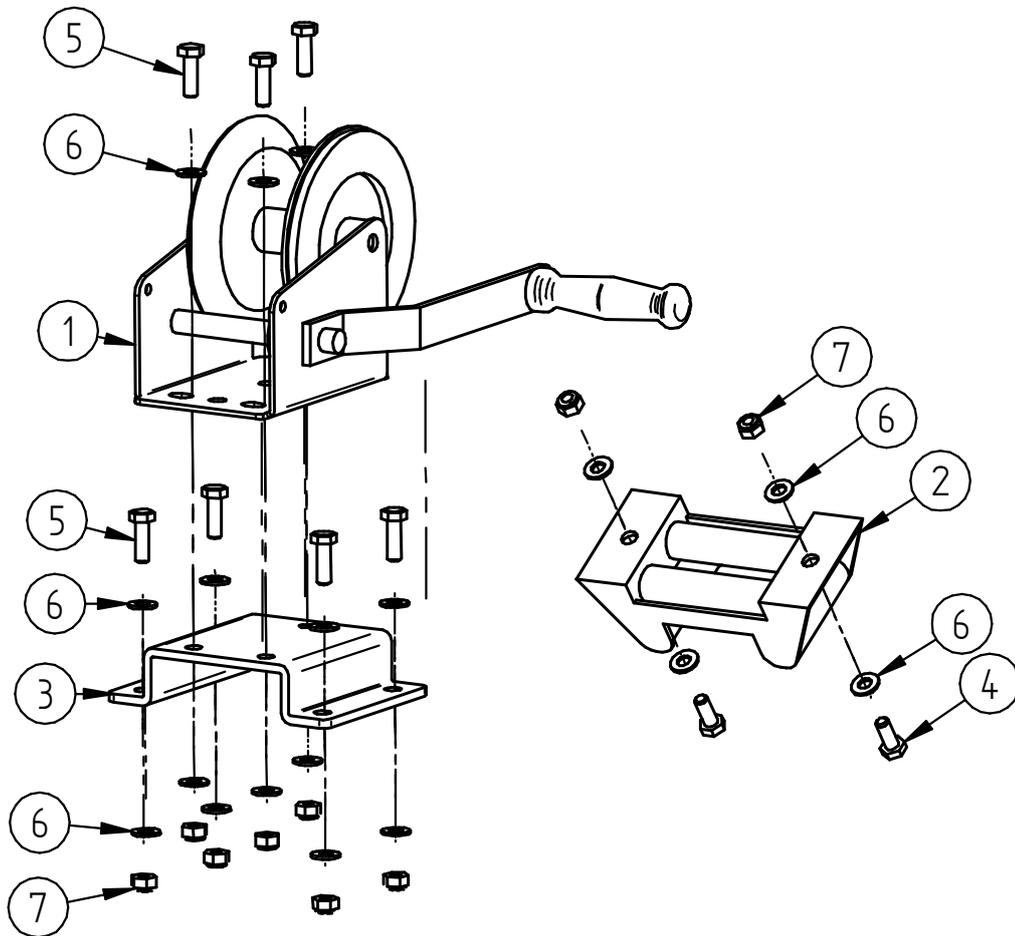
Step 4

Install chains.



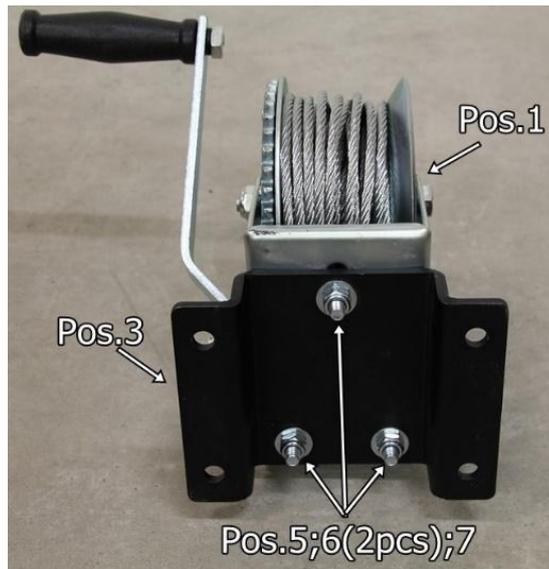
MANUAL WINCH ASSEMBLING GUIDE

Pos.	Description	Code	Amount
1	Hand winch	OT.13.01.010	1
2	Roller	OT.13.02.010	1
3	Hand winch plate	31.012	1
4	Bolt M8x20 DIN933	OT.02.02.180	2
5	Bolt M8x25 DIN933	OT.02.02.190	7
6	Washer Ø8/20 SFS3738	OT.04.03.030	18
7	Nyloc nut M8 DIN985	OT.03.02.040	9



Step 1

Install winch to winch plate.



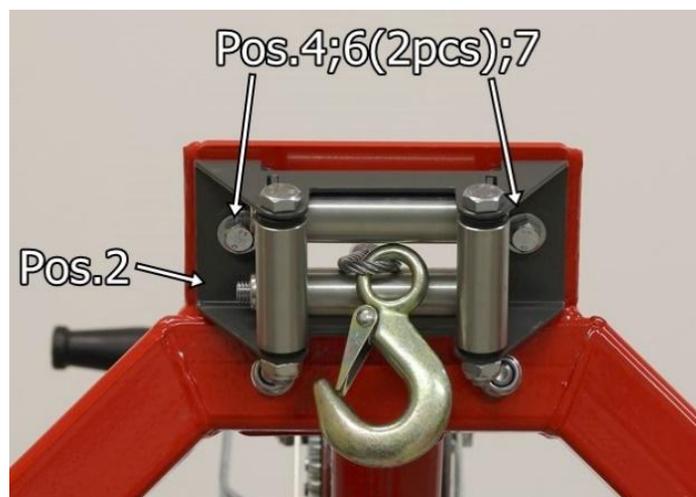
Step 2

Install winch with winch plate to frame.



Step 3

Install roller.



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