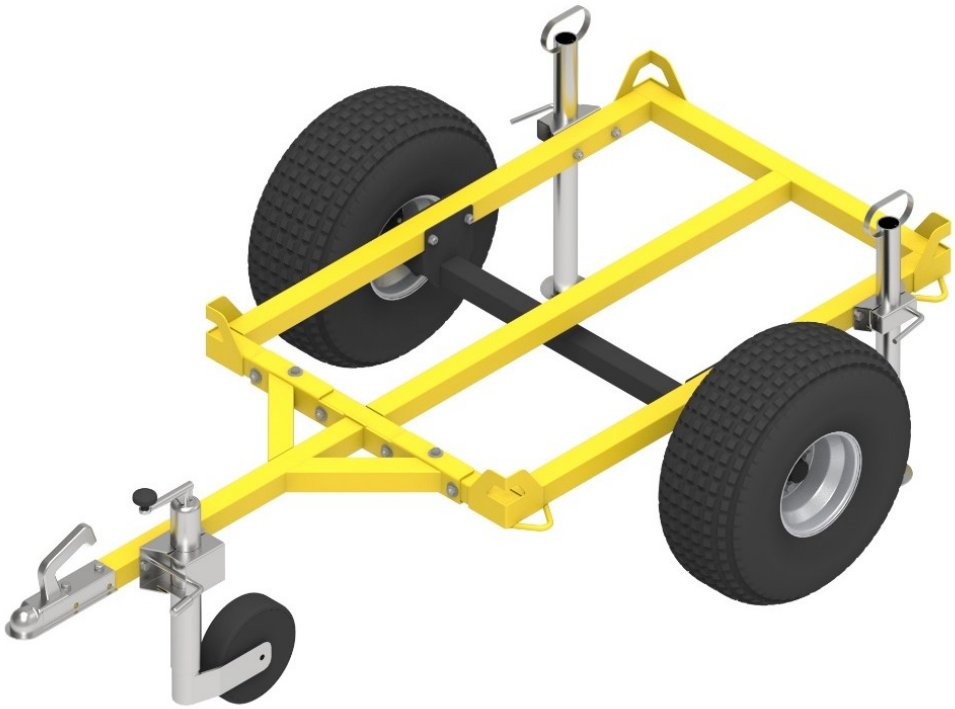
DOWNLOAD MULTILINGUAL USER MANUAL

code.ironbaltic.com/u/ox5lgnA9

TANK TRAILER

Code 91.1000

Version 10122025



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

CONTENTS

EC DECLARATION OF CONFORMITY 4
INTRODUCTION 5
SAFETY INSTRUCTIONS 6
SAFETY LABELS 7
PRODUCT DESCRIPTION 8
USER GUIDE 8
MAINTENANCE 9
TRAILER ASSEMBLING GUIDE 10
SPECIFICATION 13

Iron Baltic OÜ

EC DECLARATION OF CONFORMITY

Manufactured by:	Iron Baltic OÜ
Address:	Joa tee 17, Vääna, Estonia 76903
Product:	**TANK TRAILER**
Model:	**91.1000**

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: 17.05.2022

.....
Tiit Norak
Member of the Board

Iron Baltic OÜ
Joa tee 17
Vääna 76903
Estonia

tel (+372) 6533711
info@ironbaltic.ee
www.ironbaltic.com

INTRODUCTION

Thank you for choosing Iron Baltic product. This manual contains specifications for the TANK TRAILER, as well as instructions for product assembly, safe operation and maintenance. Unnecessary use of the trailer 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 trailer 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 trailer, 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 accidents and follow the safety instructions given below.
The ATV together with the trailer hitched to it form a long working machine, which is not easy to manoeuvre; therefore, operating in small and narrow areas can be a complicated task.

TRAINING



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

PROHIBITED ACTIONS

- Never operate the trailer on overly steep slopes.
- Never operate the trailer without all the protective parts properly installed.
- Do not operate the trailer before you have carefully read the whole operation manual.
- Never drive faster than 20 km/h, or what the vehicle manufacturer recommends (the lower speed must be observed).
- Never carry any passenger on the trailer.
- It is forbidden to mount attachments to the trailer that are not approved by the manufacturer

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 trailer.
- 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 trailer, make sure that support legs are on hard, level ground and locked in.



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 TRAILER 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 trailer. 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 600 kg!
	Never carry any passenger on the trailer!
	It is forbidden to drive slopes over 15°!
	Read the manual before use!

PRODUCT DESCRIPTION

The Iron Baltic TANK TRAILER is a durable trailer which is designed to carry 600-liter IBC-container.

The trailer 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. Trailer does not cause notable damage to the terrain and can be easily manoeuvre, allowing access to places where large tractors are not accessible.

In addition, it is possible to install drinking trough (91.1020) and watering pipe (91.1030) to trailer

Standard equipment:

- Trailer

Optional extras:

- 600-liter IBC container
- Drinking trough
- Watering pipe

Product	TANK TRAILER
Model	91.1000
Dimensions	2200 x 1400 x 600 mm
Load capacity	600 kg
Weight	95 kg
Tires	Off-road 22 x 11 – 8

Table 1: Tank trailer technical data

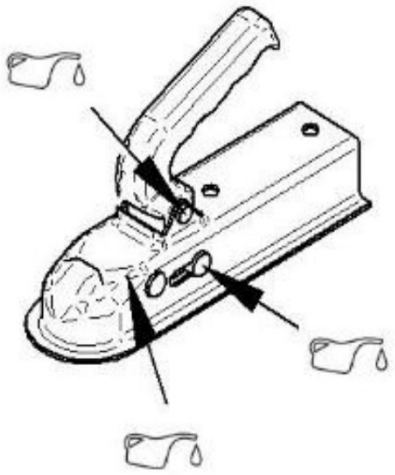
USER GUIDE

- Read the safety instructions before driving!
- Check tow coupling connection to the tow beam before ride.
- Before ride, check all removable accessories are secured and locked.
- Before ride, check is the towing coupling securely 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 trailer manufacturer.
- Before ride, check tension of the wheel bolts.
- When loading take into account the capacity of the trailer and that the load to the ATV hitch ball should not exceed 60 kg, or the weight specified by the manufacturer of the vehicle (lower weight must be observed).
- The highest speed when transporting a load is 20 km/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 trailer	●	●	●	●
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 and swing arms			●	●
Checking the wear rate of metal parts			●	●

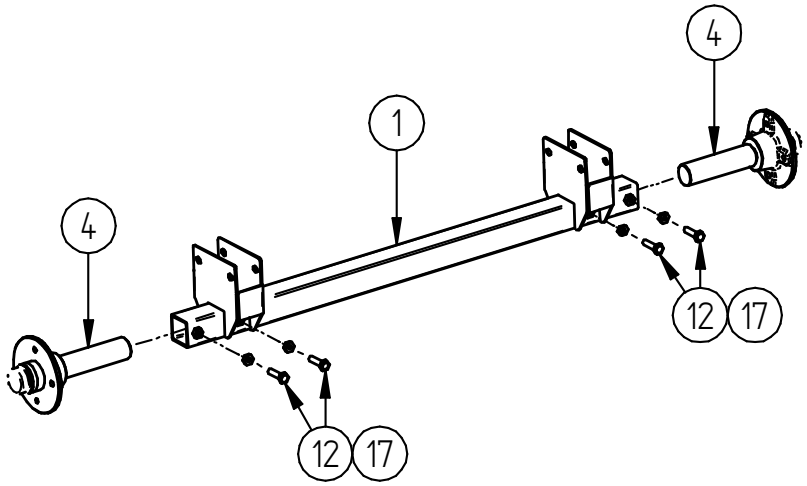
- Always wash the trailer after use. To remove most of the dirt, use running water. Usual car shampoo can be used for washing the trailer.
- Only change trailer tire on flat and hard surface, by placing jack stand under the vertical axle beam corner.
- If the tow coupling moves difficultly, add oil to places showed on the diagram or contact manufacturer or licenced reseller.



TRAILER ASSEMBLING GUIDE

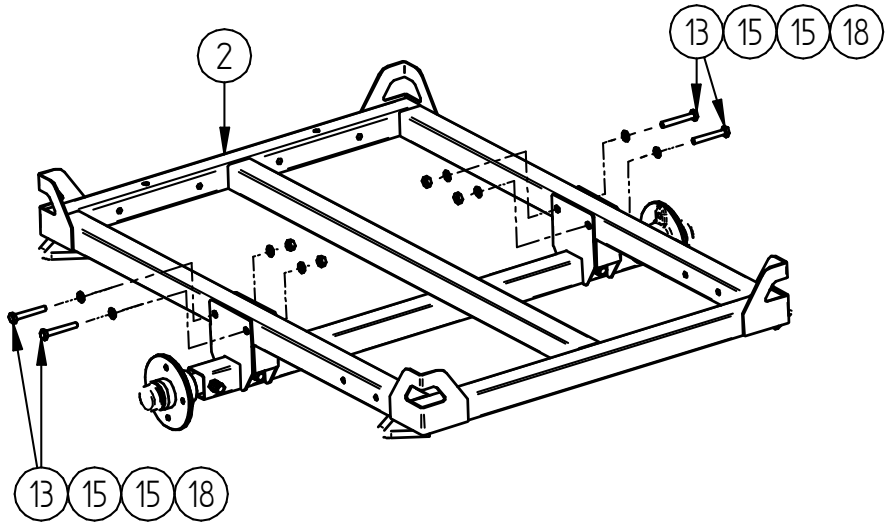
Step 1

Install wheel hubs (Pos.4) to axle (Pos.1). For fastening use M10x40 bolts (Pos.12). Lock the bolts with M10 nuts (Pos.17).



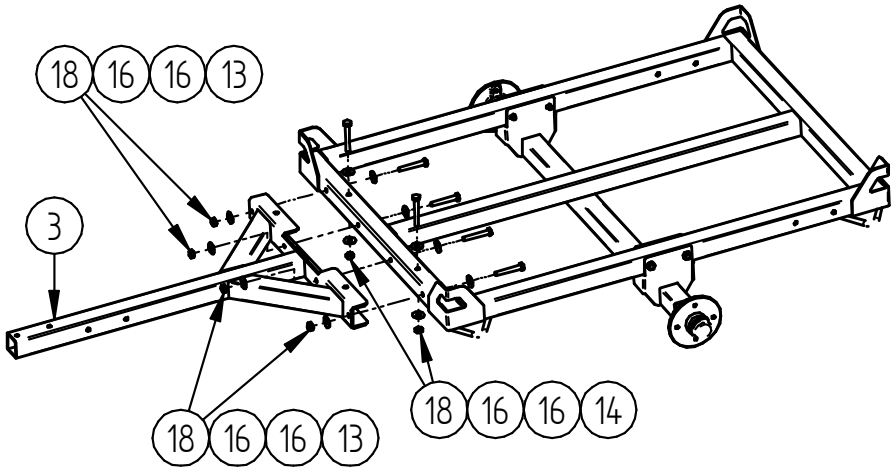
Step 2

Install frame (Pos.2). For fastening use M10x70 bolts (Pos.13), Ø10 mm washers (Pos.15) and M10 nyloc nuts (Pos.18).



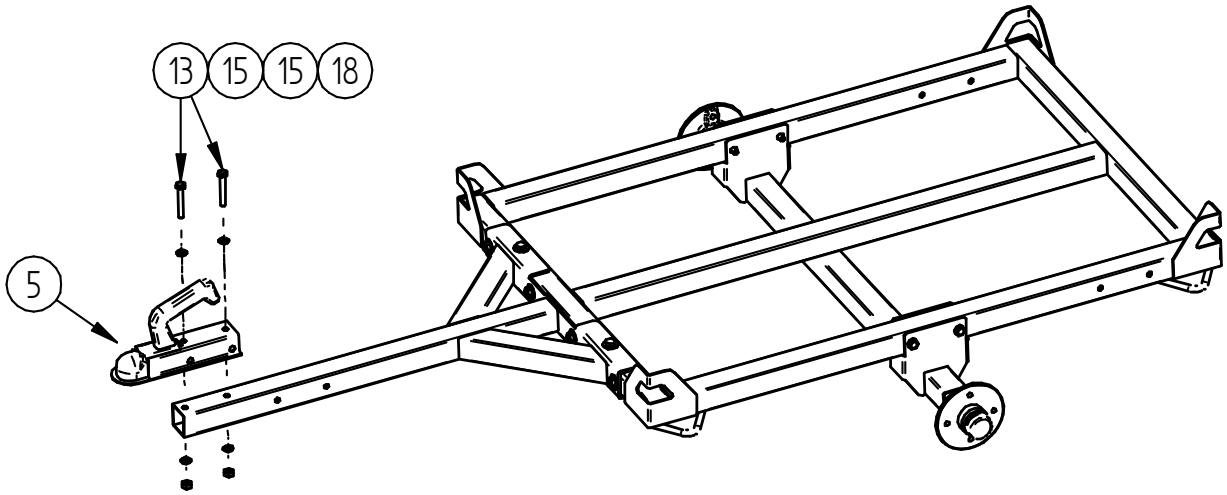
Step 3

Install tow bar (Pos.3). For fastening use M10x70 bolts (Pos.13), M10x80 bolts (Pos.14), large Ø10 mm washers (Pos.16) and M10 nyloc nuts (Pos.18).



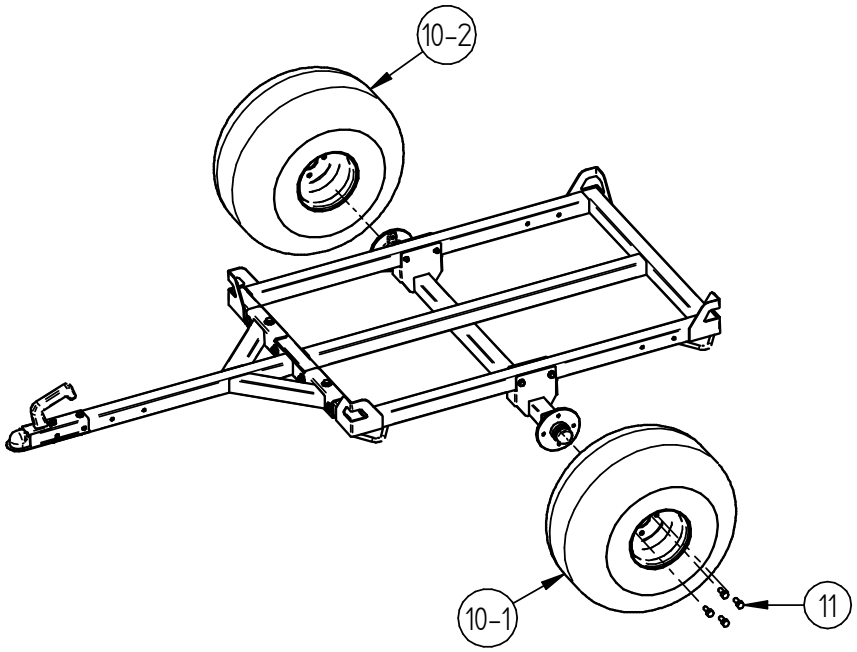
Step 4

Install tow coupling (Pos.5). For fastening use M10x70 bolts (Pos.13), Ø10 mm washers (Pos.15) and M10 nyloc nuts (Pos.18).



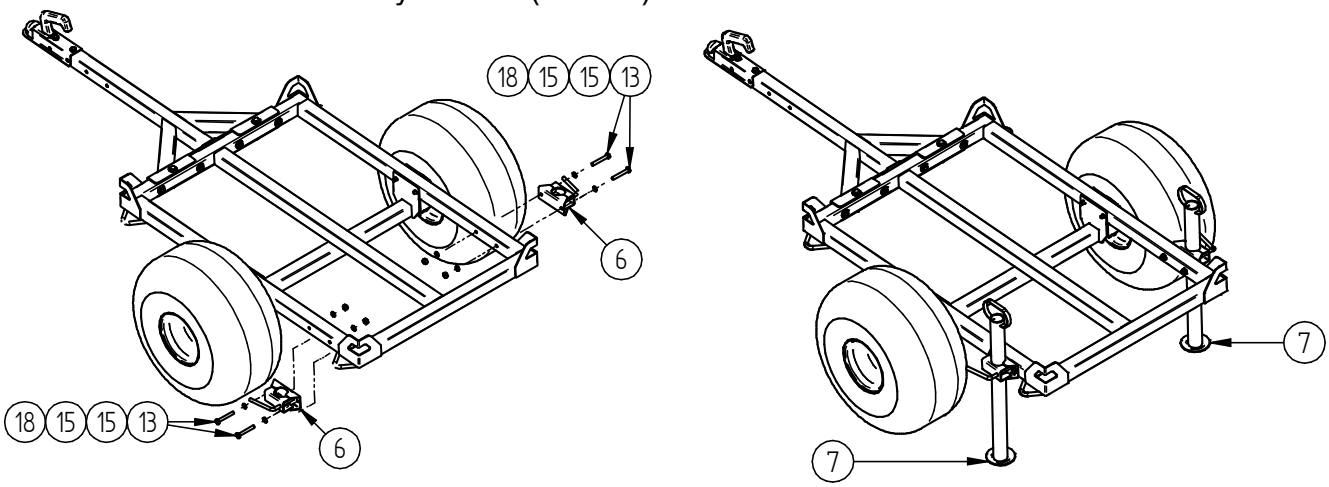
Step 5

Install wheels (Pos.10-1 ja Pos.10-2). Watch the tire direction and that the tire valve is facing outside! For fastening use wheel bolts (Pos.11).



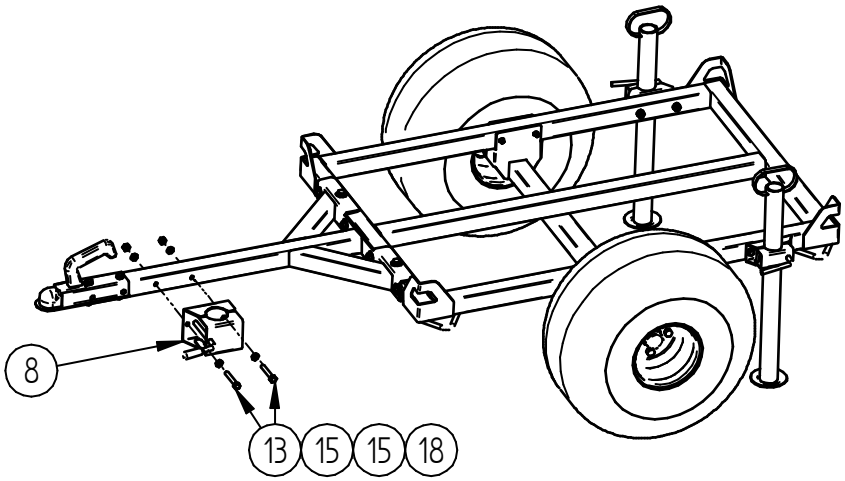
Step 6

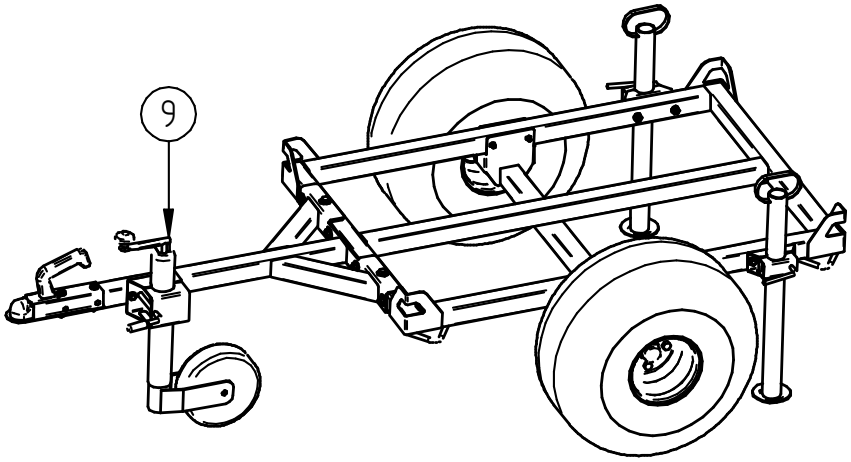
Install support legs (Pos.7) and support leg brackets (Pos.6).
For fastening use M10x70 bolts (Pos.13), Ø10 mm washers (Pos.15) and M10 nyloc nuts (Pos.18).



Step 7

Install support wheel (Pos.9) and support wheel bracket (Pos.8).
For fastening use M10x70 bolts (Pos.13), Ø10 mm washers (Pos.15) and M10 nyloc nuts (Pos.18).

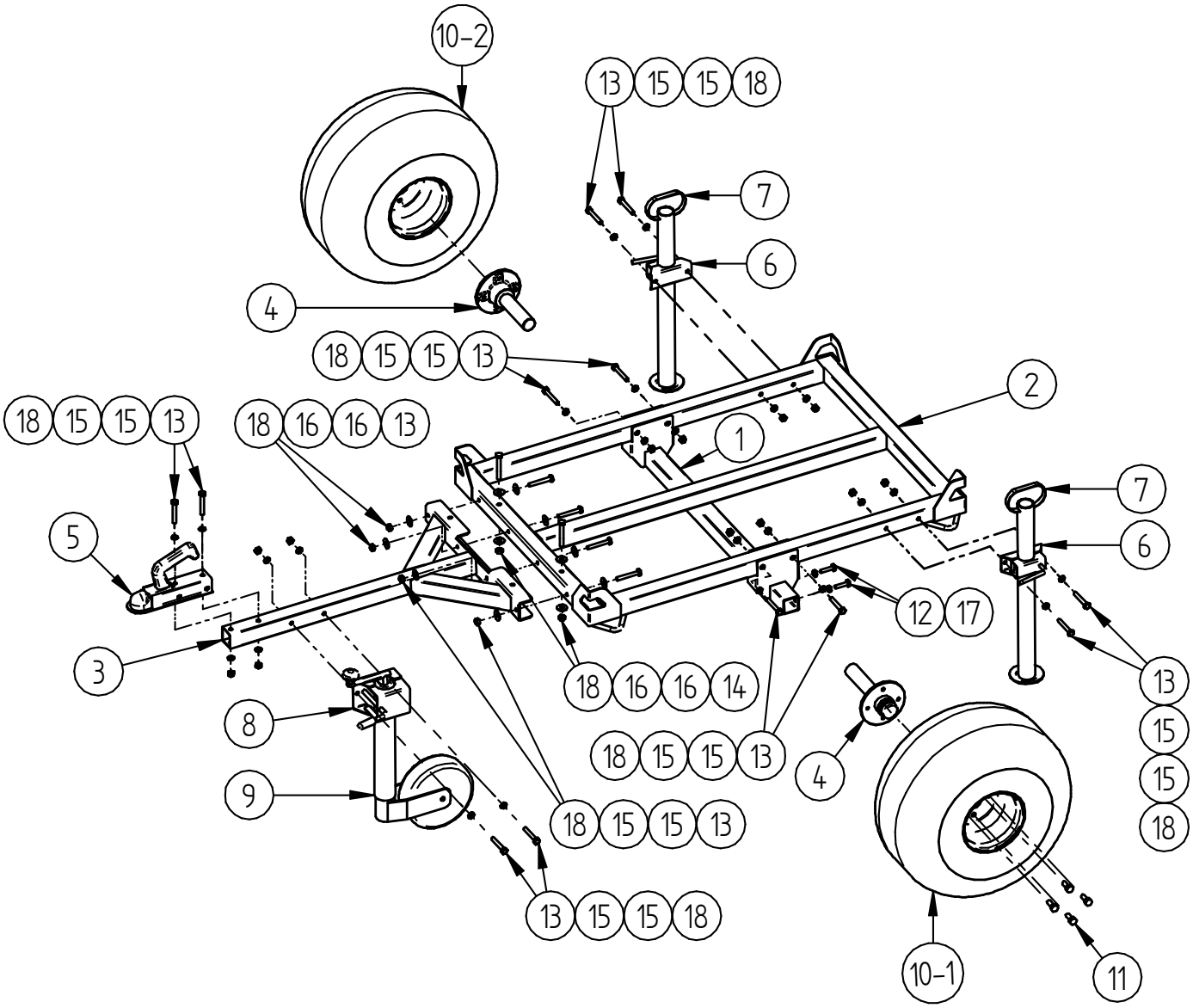






SPECIFICATION

Pos.	Description	Code	Amount
1	Axle	91.1001K	1
2	Frame	91.1005K	1
3	Tow beam	91.1041K	1
4	Wheel hub	43.001	2
5	Tow coupling	OT.10.02.020	1
6	Support leg bracket	OT.10.02.055	2
7	Support leg	OT.10.02.052	2
8	Support wheel bracket	OT.10.02.058	1
9	Support wheel	OT.10.02.057	1
10-1	Ratas 22X11-8 (E4-106R) (vasak)	OT.10.03.142	1
10-2	Ratas 22X11-8 (E4-106R) (parem)	OT.10.03.141	1
11	Wheel bolt	OT.02.09.010	8
12	Bolt M10x40 DIN933	OT.02.02.330	4
13	Bolt M10x70 DIN933	OT.02.02.350	16
14	Bolt M10x80 DIN931	OT.02.01.048	2
15	Washer Ø10 DIN125	OT.04.01.040	24
16	Washer Ø10 DIN9021	OT.04.02.050	12
17	Nut M10 DIN934	OT.03.01.040	4
18	Nyloc nut M10 DIN985	OT.03.02.050	18


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