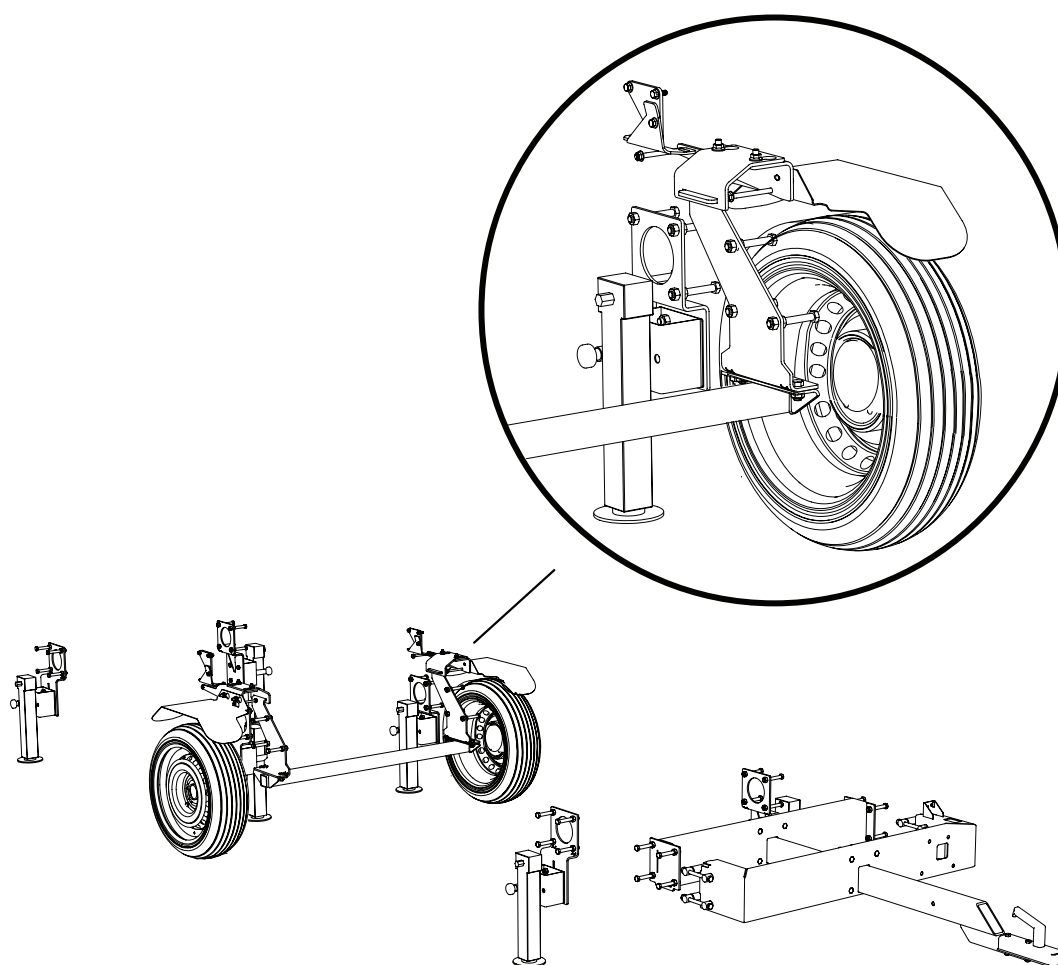


USER MANUAL

Art.nr. 0458-395-0681



TRAILERKIT G2

B1001

THANK YOU FOR CHOOSING A LOGOSOL MACHINE!

We are very pleased that you have demonstrated your confidence in us by purchasing this product, and we will do our utmost to meet your expectations.

Logosol has been manufacturing sawmills since 1989. In that time we have supplied approximately 50,000 machines to satisfied customers the world over.

We care about your safety as well as we want you to achieve the best possible results with your equipment. We therefore recommend that you take the time to carefully read this user manual from cover to cover in peace and quiet before you begin using the product.

We hope you get a lot of satisfaction from the use of your new equipment.



Bengt-Olov Byström
Founder and chairman,
Logosol in Härnösand, Sweden



Read through the user manual carefully and make sure you understand its contents before you use the equipment.



This user manual contains important safety instructions.



WARNING! Incorrect use can result in serious or fatal injuries to the operator or others.



LOGOSOL continuously develops its products.
For this reason, we must reserve the right to modify
the configuration and design of our products.
Document: User Manual for Trailer Kit
Ref. No. User Manual, English: 0458-395-0681
Text: Martin Söderberg
Illustrations: Martin Söderberg
Last revised: January 2019
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SAFETY INSTRUCTIONS

- Read carefully through the entire user manual before starting to use the equipment. Failure to observe these safety instructions may result in fatal injuries.
- Make sure that everyone who uses the sawmill is well informed of the dangers and has read the user manual. The user manual shall always be available to the persons working with the sawmill. This also applies where the sawmill is sold or loaned out.
- Minors under 18 years of age are not allowed to operate the sawmill.
- Make sure that children and animals are not in the vicinity when the sawmill is being operated.
- Respect the safety distances to avoid injuries from high noise levels and from a broken blade that is thrown off.
- Anyone working with the sawmill must be fit for work, healthy and in good physical condition. Make sure you take regular breaks when operating the machine. Never operate the machine while under the influence of alcohol, narcotics or other drugs or medicines that can cause drowsiness or inattention.
- Only work with the equipment where visibility is good. Never work with the equipment in the dark or where visibility is poor.
- Make sure there are other persons within earshot who you can summon if you need help.
- Only add extra equipment to the sawmill that is made by Logosol or that is specifically approved by Logosol for the purpose. Other equipment can cause accidents and should not be used. Logosol will not accept liability for personal injury or material damage that occurs while using non-approved attachments on the sawmill.
- Always wear protective clothing and use personal protective equipment: Close-fitting work overalls are appropriate. Never operate the sawmill wearing loose-fitting clothes, overall coats or similar.
- Use safety shoes with high-grip soles and steel toecaps. Neckerchiefs, ties, jewellery or other items that can get caught in the equipment are not to be worn.

Key to symbols



For your own safety, read through the entire user manual carefully and do not start the machine before you have understood everything.



Use approved ear protectors and protective eyewear. Hearing can be damaged even after short periods of exposure.



Sharp rotating tools. Make sure that your fingers never come near the cutting tools.









This symbol means 'WARNING'. Pay particular attention where this symbol appears in the manual text.






This symbol is followed by instructions that must be observed. Pay particular attention where this symbol appears in the manual text.

SAFETY INSTRUCTIONS

THE WORKSITE

-  **WARNING!** Never operate a band sawmill with a petrol-powered engine in enclosed or poorly ventilated areas. This can result in death due to suffocation or carbon monoxide poisoning.
-  Only operate the band sawmill and handle band blades in full daylight or under adequate lighting.
-  Keep the work area free from clutter, pets, children, obstacles or other things that can distract the operator.
-  Choose a worksite where the ground is hardpacked and level, with plenty of space for the band sawmill, a pile of logs and sawn timber. If possible, place the band sawmill so that the sawdust blows away from the operator. Set up the band sawmill on level ground with at least 5 m of free space without any obstacles around the equipment. If the band sawmill is to be set up permanently, we recommend that you support the rail frame with concrete plinths or wooden blocks (15 cm x 15 cm) under each cross bunk.
-  Always keep an ABC fire extinguisher (min. 3 kg) easily accessible at the worksite.
-  Always keep a fully-stocked first-aid kit easily accessible at the worksite.

MOVING THE BAND SAWMILL

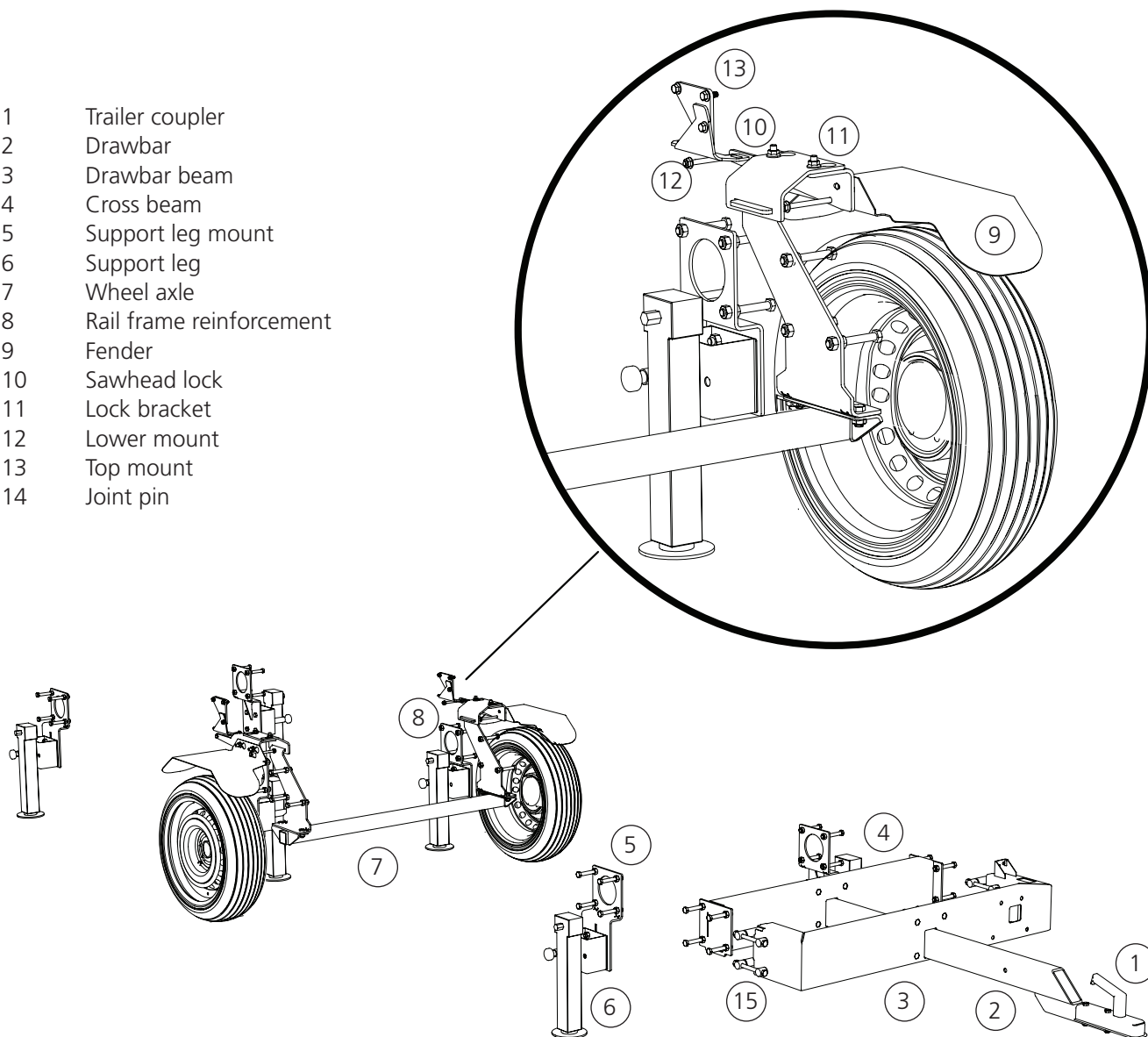
-  **WARNING!** Risk of crush injuries.
-  Keep people and pets outside the 5 m danger area around the machine while lifting and moving the machine parts. Secure the load during transport.
-  The sawmill trailer may only be moved when the sawhead is secured laterally and vertically on the rails as described in this manual.

Securing the sawhead: Secure the sawhead as described in this manual, using the supplied locking mechanism, before moving the sawmill.

EXPLODED VIEW

Below the components are described to assist in identifying them during assembly.

- 1 Trailer coupler
- 2 Drawbar
- 3 Drawbar beam
- 4 Cross beam
- 5 Support leg mount
- 6 Support leg
- 7 Wheel axle
- 8 Rail frame reinforcement
- 9 Fender
- 10 Sawhead lock
- 11 Lock bracket
- 12 Lower mount
- 13 Top mount
- 14 Joint pin

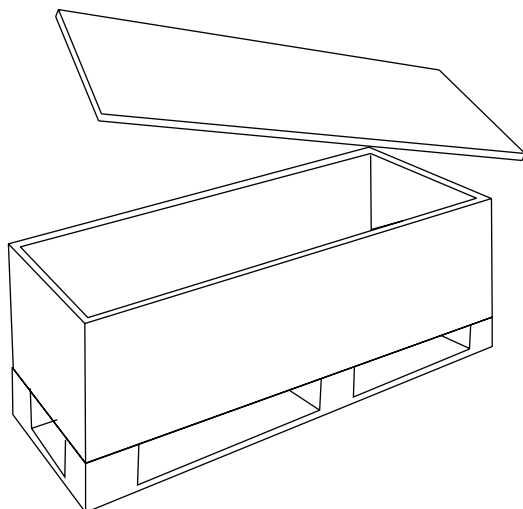



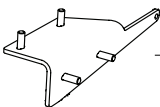

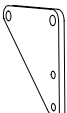






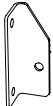
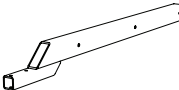
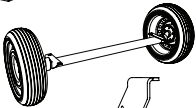


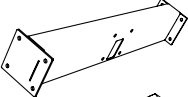


COMPONENTS

Check that all components are included in the shipment.



User manual



	— 1x —	Bolt bag	04-00226
	— 2x —	Sawhead lock	L, 02-00380 R, 02-00381
	— 1x —	Spacer	03-02342
	— 2x —	Top mount	03-0243
	— 4x —	Support leg mount, L	02-00387
	— 2x —	Support leg mount, R	03-02381
	— 8x —	Joint pin	00-00000
	— 1x —	Trailer coupler	04-00238
	— 2x —	Fender	V, 03-02347 H, 03-02349
	— 2x —	Lock bracket	03-02312
	— 4x —	Drawbar mount	L, 03-02279 R, 03-02278
	— 1x —	Drawbar	02-00368
	— 1x —	Wheel axle	04-00236 04-00237
	— 2x —	Wheel axle mount	L, 03-02384 R, 03-02382
	— 2x —	Lower mount	03-02344
	— 1x —	Cross beam	03-01814
	— 1x —	Drawbar beam	02-00392
	— 6x —	Support leg SF-60-280	04-00269

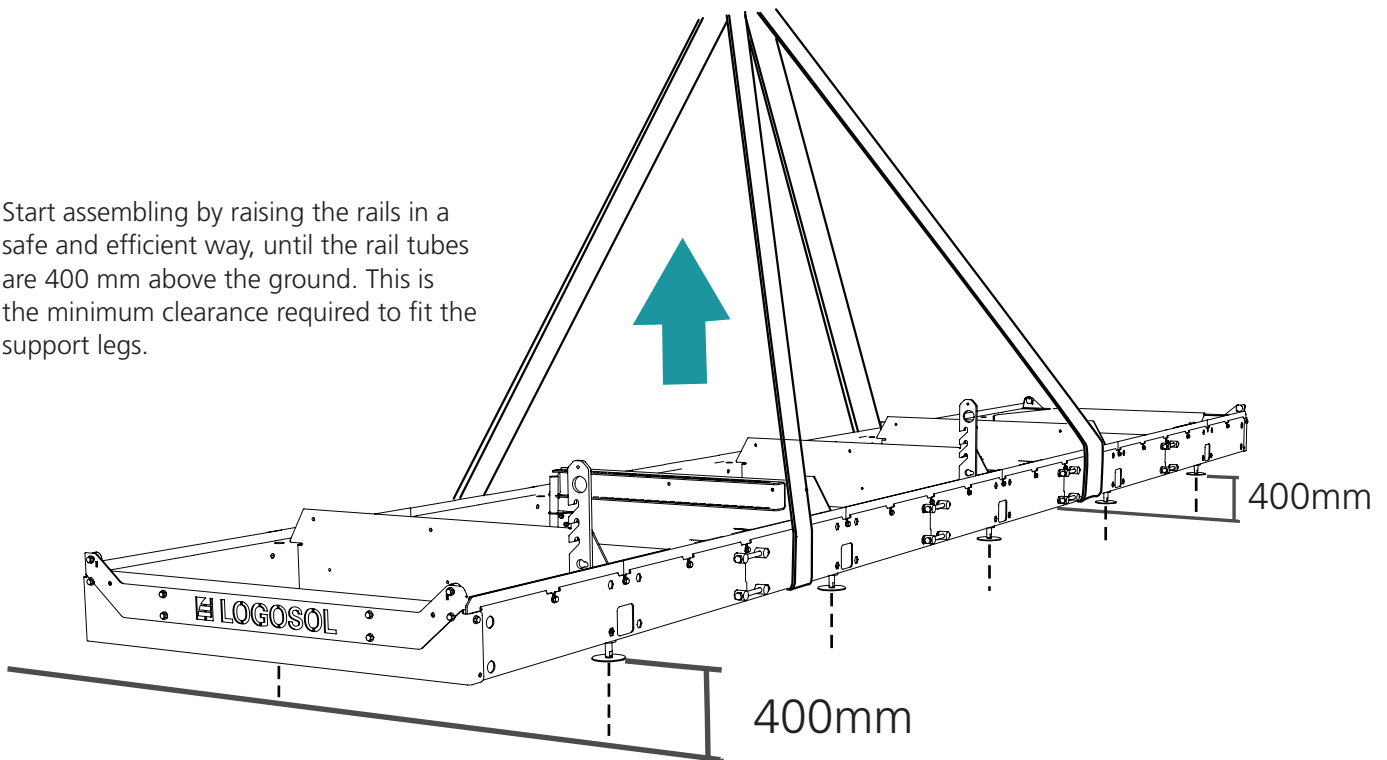


Skruppåse

		— 2x —	Flange bolt M8x12
		— 2x —	Flange bolt M8x20
		— 2x —	Flange bolt M8x25
		— 4x —	Hex bolt M8x100
		— 2x —	Hex bolt M10x65
		— 28x —	Hex bolt M12x25
		— 70x —	Hex bolt M12x90 ISO 4017
		— 8x —	Hex bolt M12x140
		— 54x —	Hex nut M12 DIN
		— 70x —	Flange nut M12
		— 4x —	Lock nut M12
		— 10x —	Flange lock nut M10
		— 4x —	Flange lock nut M8
		— 2x —	Cylindrical bolt 12x80
		— 2x —	Spring cotter pin


ASSEMBLY

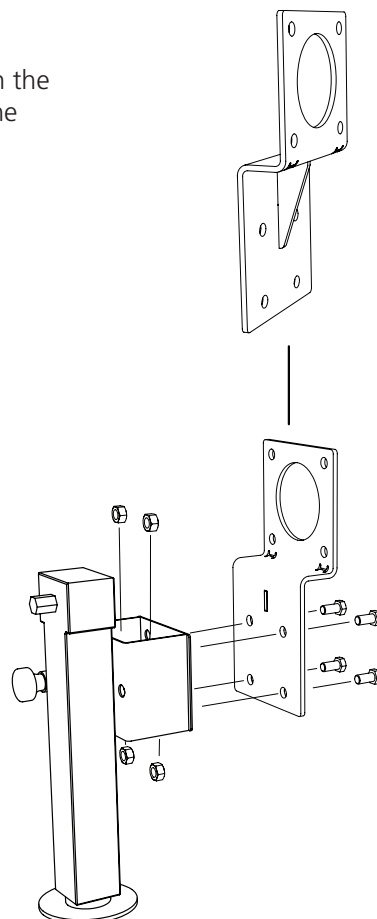
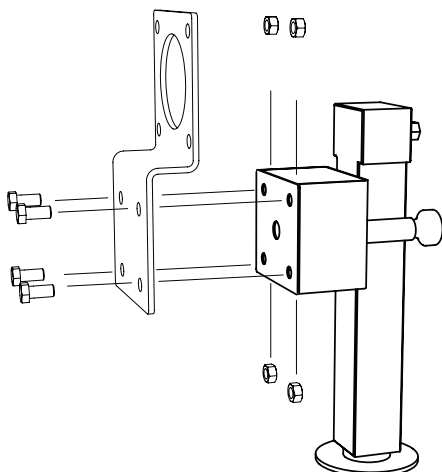
Start assembling by raising the rails in a safe and efficient way, until the rail tubes are 400 mm above the ground. This is the minimum clearance required to fit the support legs.



Note that the support legs have two different types of attachment mounts. There are four reinforced mounts. These should be fitted as in the illustration to the right. The other two mounts should be fitted as in the illustration to the left.

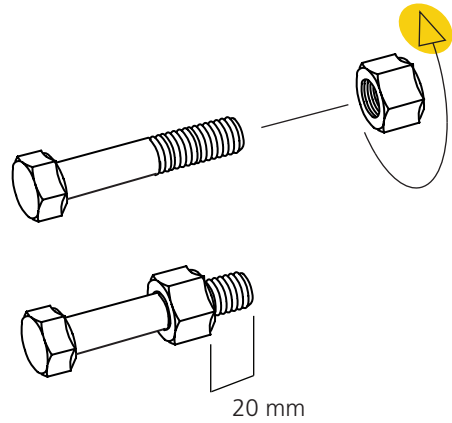
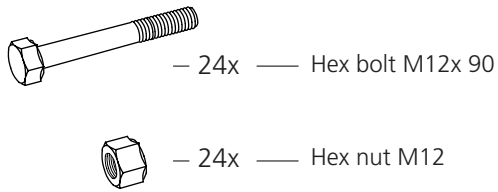
 — 24x — Hex bolt M12x 90

 — 24x — Lock nut M12

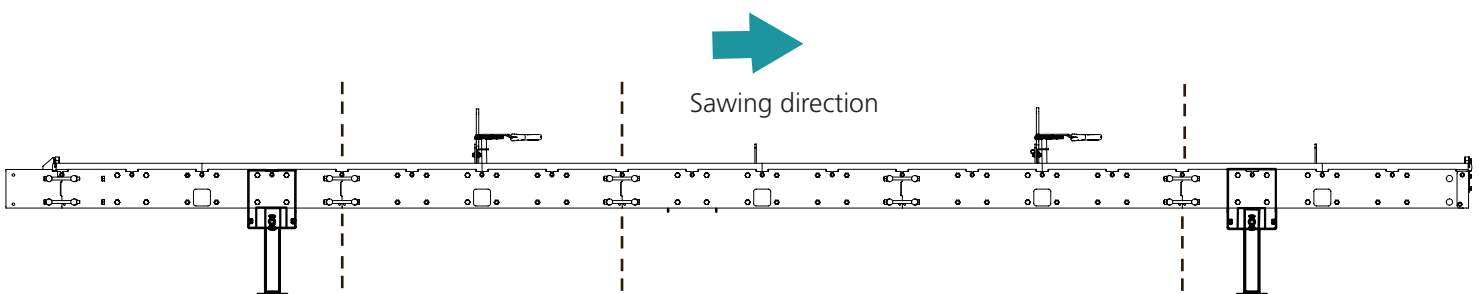
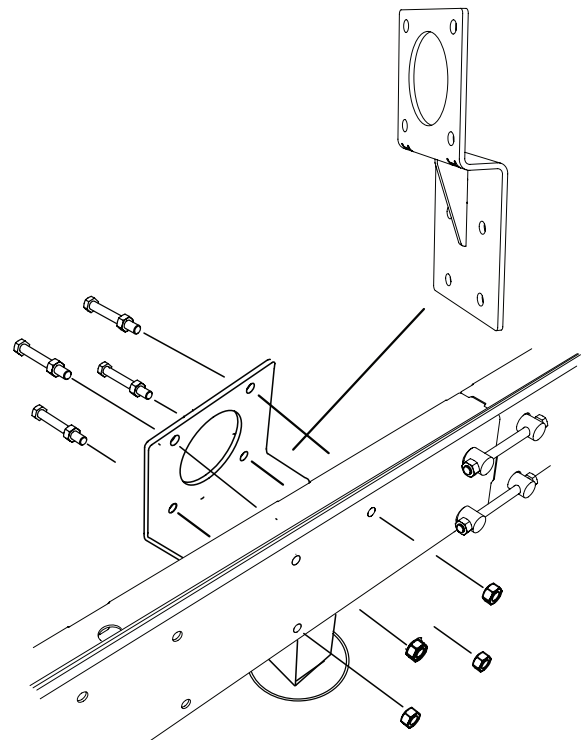
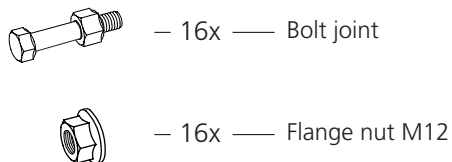


ASSEMBLY

Prepare the bolt joints for the support legs. Screw the nuts onto the bolts until 20 mm of threading is visible.

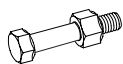


Fit the four support legs that have reinforced mounts to the rail frame. Note that the attachment mounts should be fitted to the inner side of the rails with the support legs facing outwards. Check the recommended position for the support legs in relation to the rail tube joints in the illustration below.

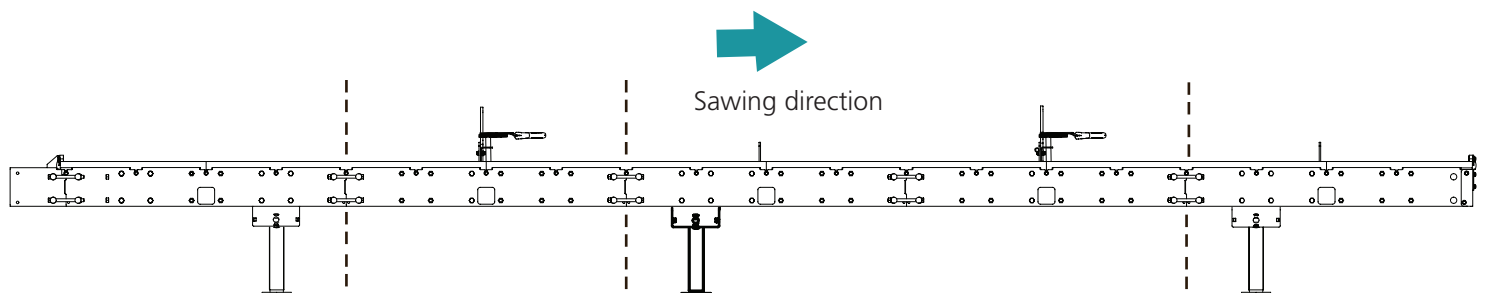
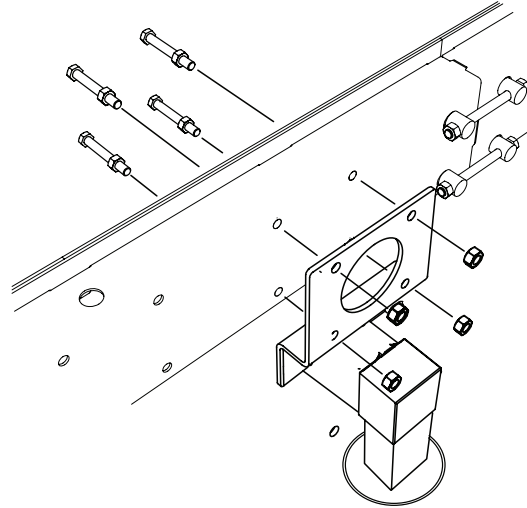


MONTERING

Fit the other two support legs. Here, the attachment mounts should be fitted to the outside of the rails with the support legs facing inwards. Check the recommended position for the support legs in relation to the rail tube joints in the illustration below.

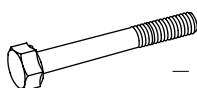
 — 8x — Bolt joint


 — 8x — Flange nut M12

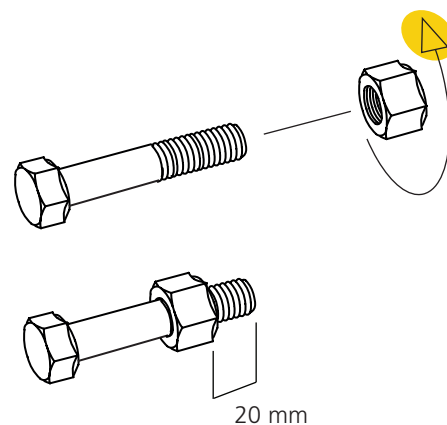


1

Prepare the bolt joints for the rest of the assembly. Screw the nuts onto the bolts until 20 mm of threading is visible.

 — 22x — Hex bolt M12x 90

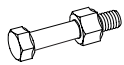
 — 22x — Hex nut M12



ASSEMBLY

2

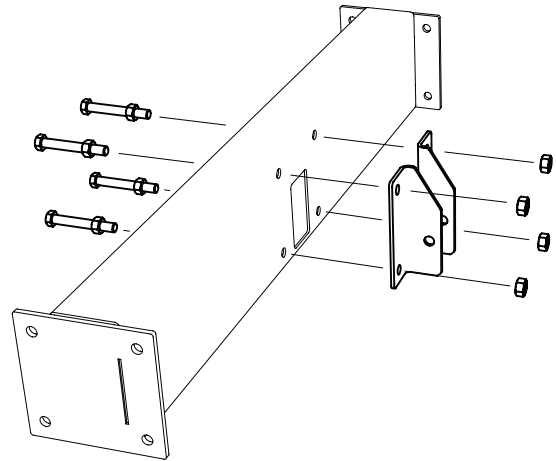
Fit the drawbar mounts to the cross beam.



— 4x — Bolt joint

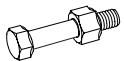


— 4x — Flange nut M12



3

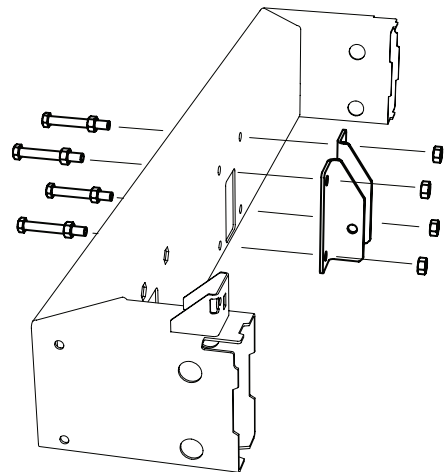
Fit the drawbar mounts to the drawbar beam.



— 4x — Bolt joint



— 4x — Flange nut M12



4

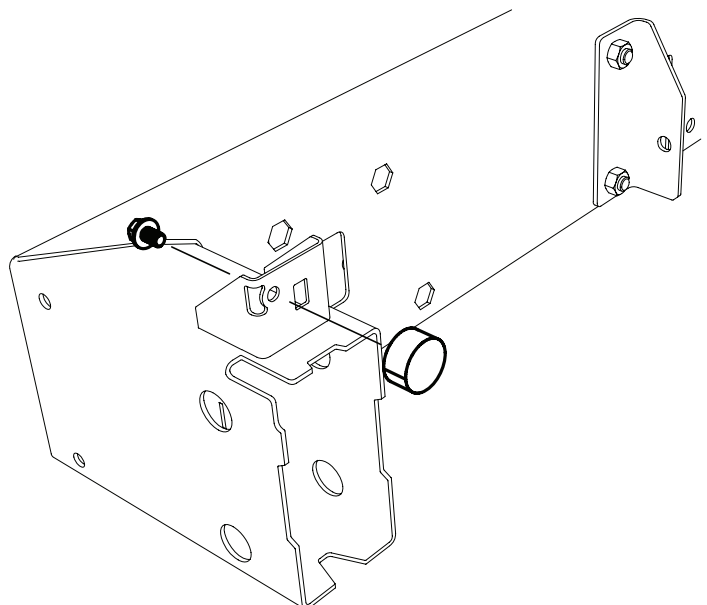
Fit the end cap to the drawbar beam.



— 1x — Flange bolt M8x12



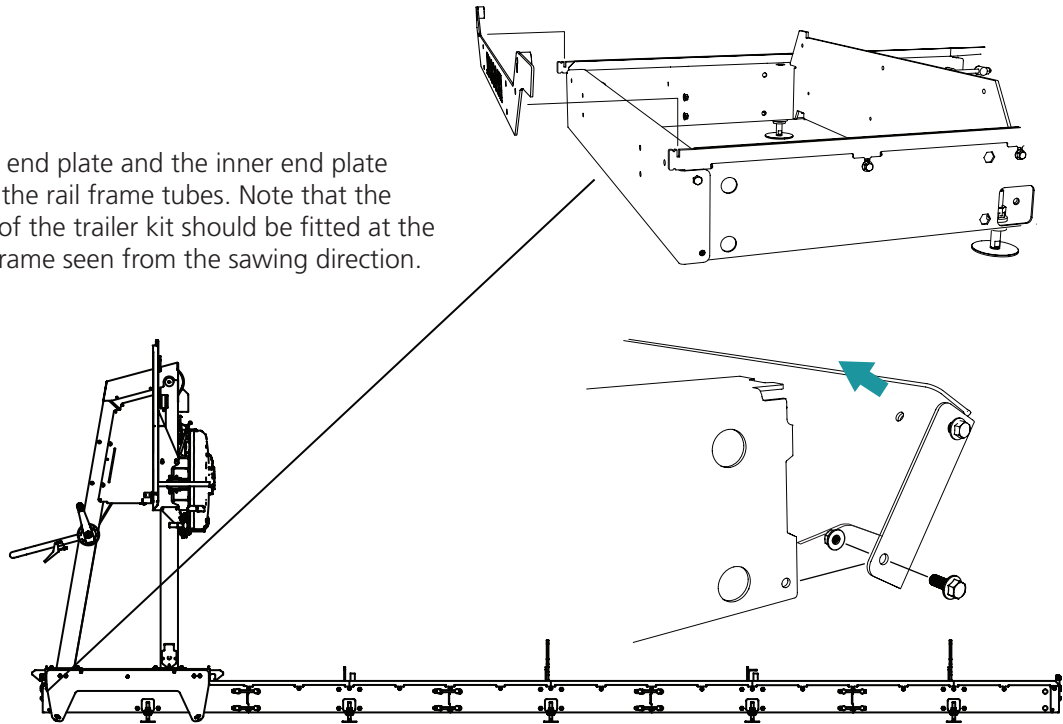
— 1x — Rubber end cap



ASSEMBLY

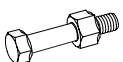
5

Remove the bed end plate and the inner end plate from the end of the rail frame tubes. Note that the drawbar beams of the trailer kit should be fitted at the start of the rail frame seen from the sawing direction.



6

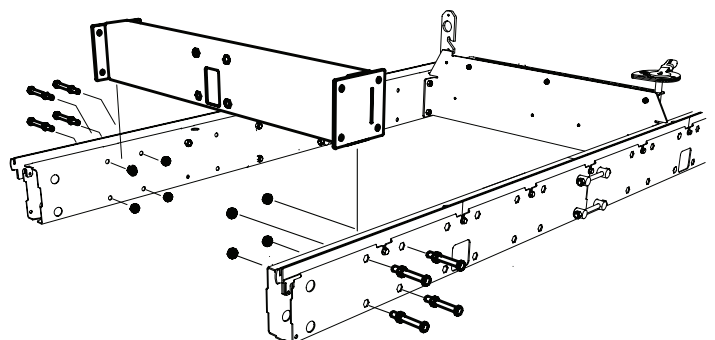
Fit the cross beam with bolts in the first hole pattern at the rail frame end. Finger-tighten the bolt joints.



— 8x — Bolt joint



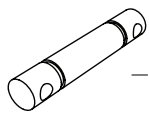
— 8x — Flange nut M12



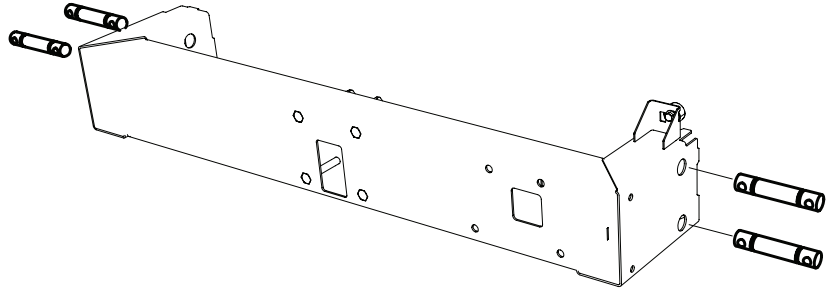
ASSEMBLY

7

Insert joint pins in the drawbar beam.

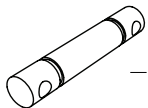


— 4x — Joint pin

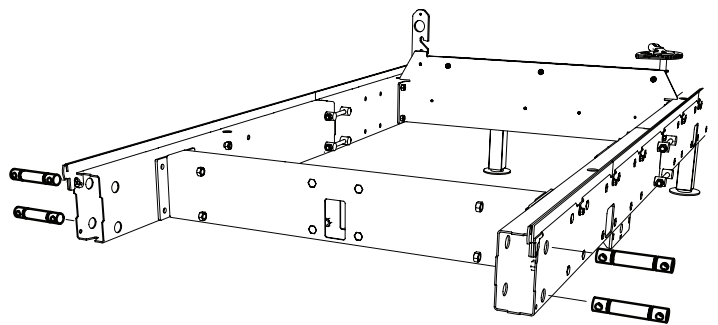


8

Insert joint pins in the rail frame end.

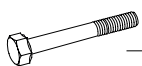


— 4x — Joint pin



9

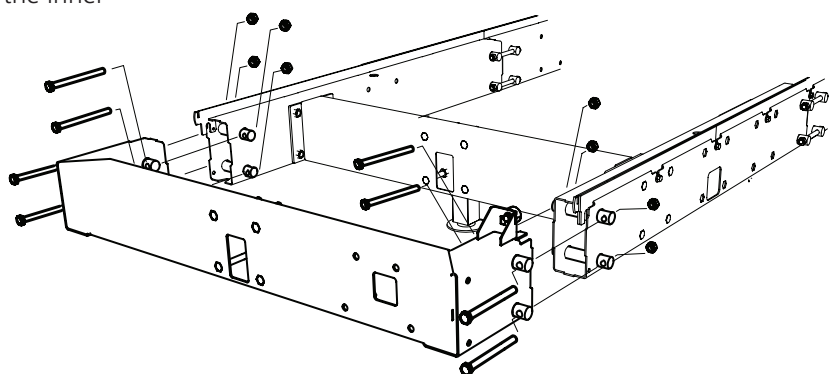
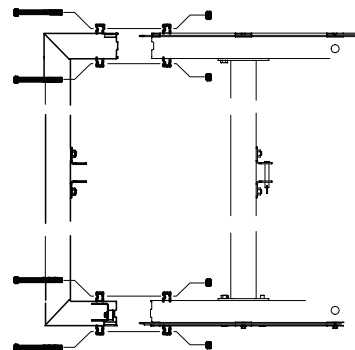
Fit the outer drawbar beam to the rail frame end. Make sure the joints are level with each other and then alternately tighten the interior and exterior nuts until the rail frame tubes match each other. When a good fit is reached, you tighten the bolt joints on both the inner and the outer drawbar beam.



— 8x — Hex bolt M12x140



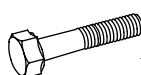
— 8x — Hex nut M12



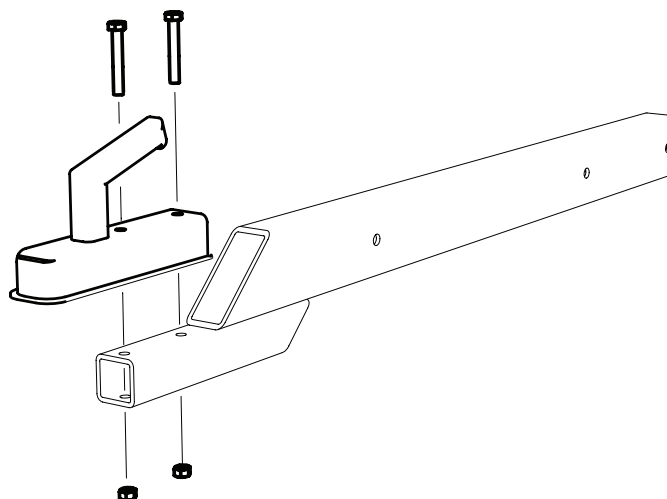
ASSEMBLY

10

Fit the trailer coupler to the drawbar.

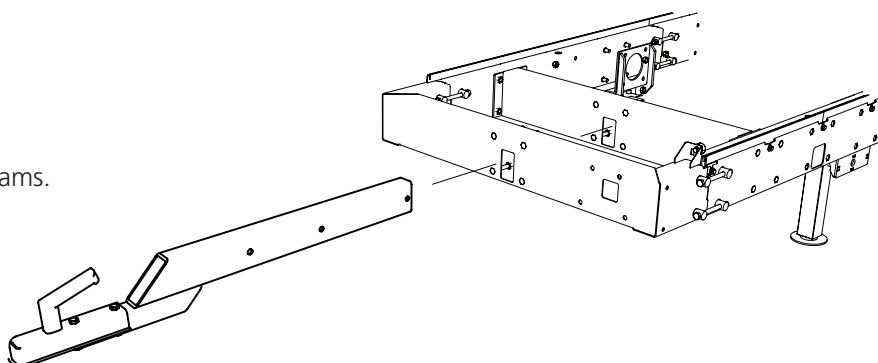
 — 2x — Hex bolt M10x65

 — 2x — Hex nut M10



11


Install the drawbar in the drawbar beams.

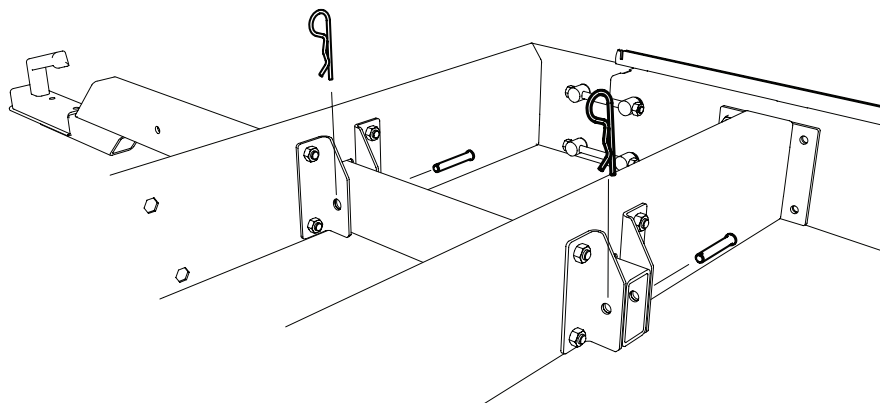


12

Secure the drawbar with spring cotter pins in the drawbar beams.

 — 2x — Cylindrical bolt

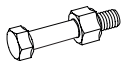
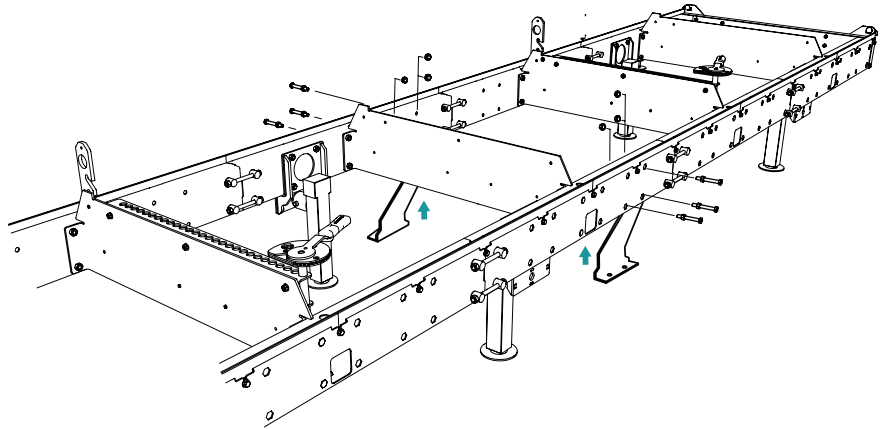
 — 2x — Spring cotter pin



ASSEMBLY

13

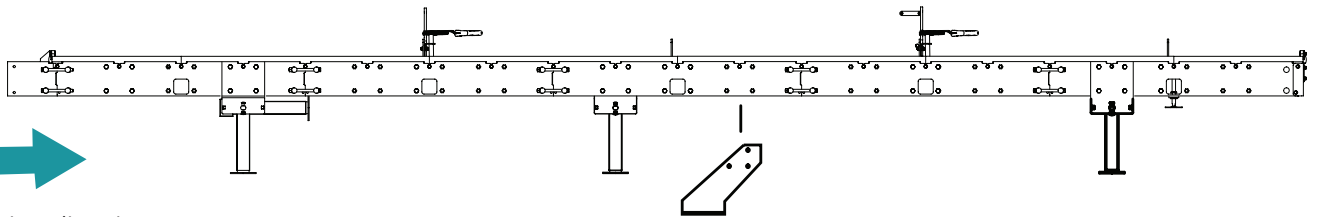
Fit the wheel axle mounts to the rail frame. Note their lateral position on the rail frame. The wheel axle mounts should be fitted right under the fourth joint (the drawbar beam joint is included) seen from the sawing direction.



— 6x — Bolt joint



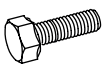
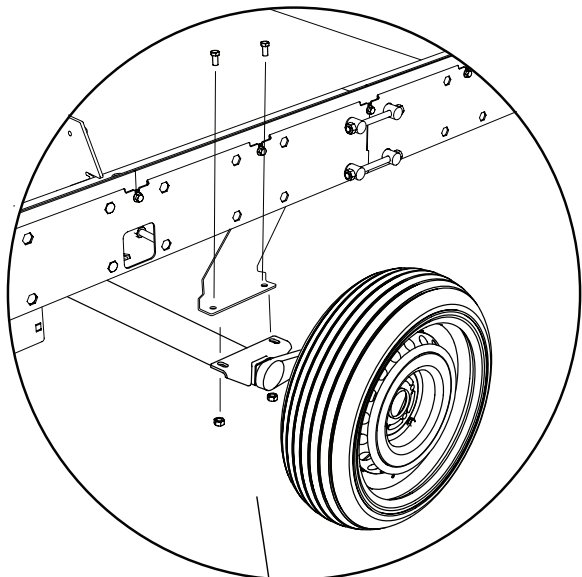
— 6x — Flange nut M12



Sawing direction

14

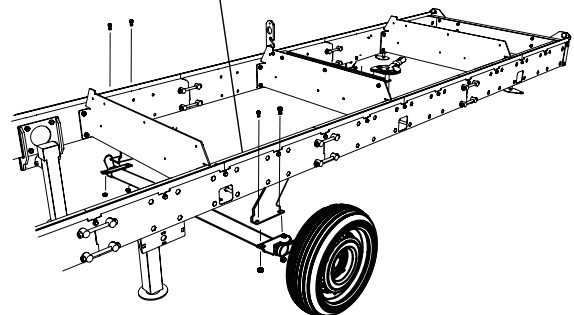
Fit the wheel axle to the wheel axle mounts. Note the position of the wheel axle mounts on the rail frame, shown in the illustration.



— 4x — Hex bolt M12x25



— 4x — Lock nut M12



ASSEMBLY

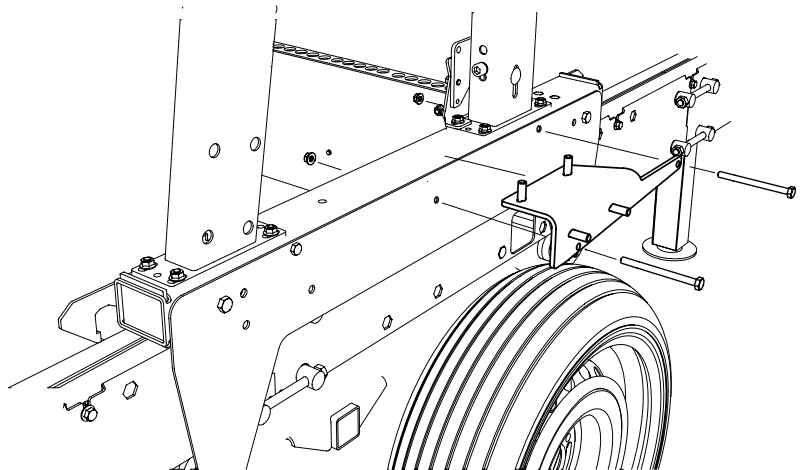


Good job!

Now it is time to install the sawhead locking mechanism.

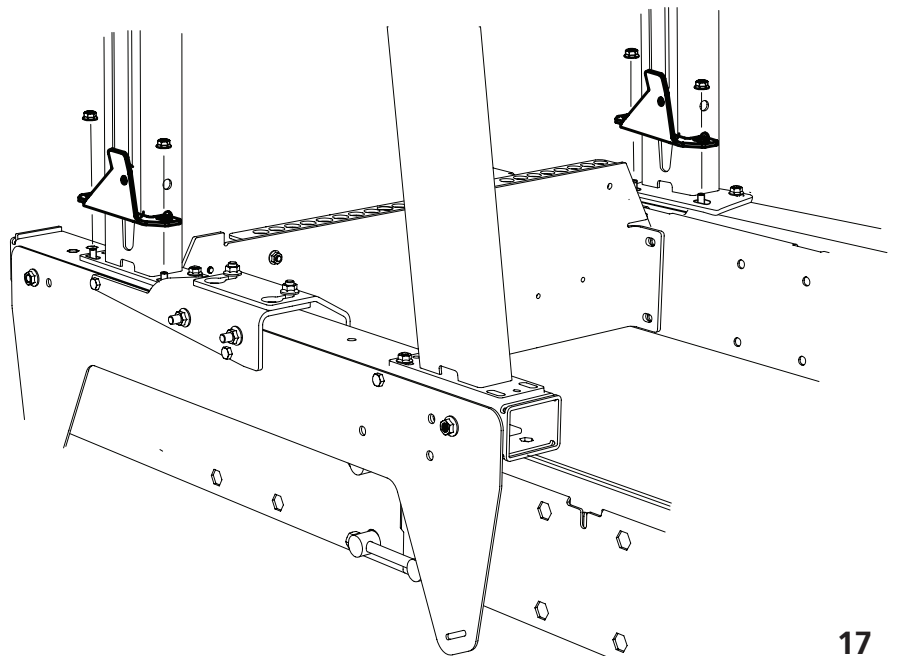
1

Fit the sawhead lock to the bogie tube.
Repeat this step on the other bogie tube.



2

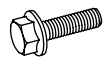
Fit the lower sawhead lock mounts to the bottom plates of both the sawhead bogie legs. Be careful when loosening the bolt joints; the bolts can easily fall out of the square tube on the underside.



ASSEMBLY

3

Fit the top mounts to the sawhead bogie legs.
Note that the mount on the exhaust side of the sawhead has to be fitted with a spacer between it and the bogie leg.



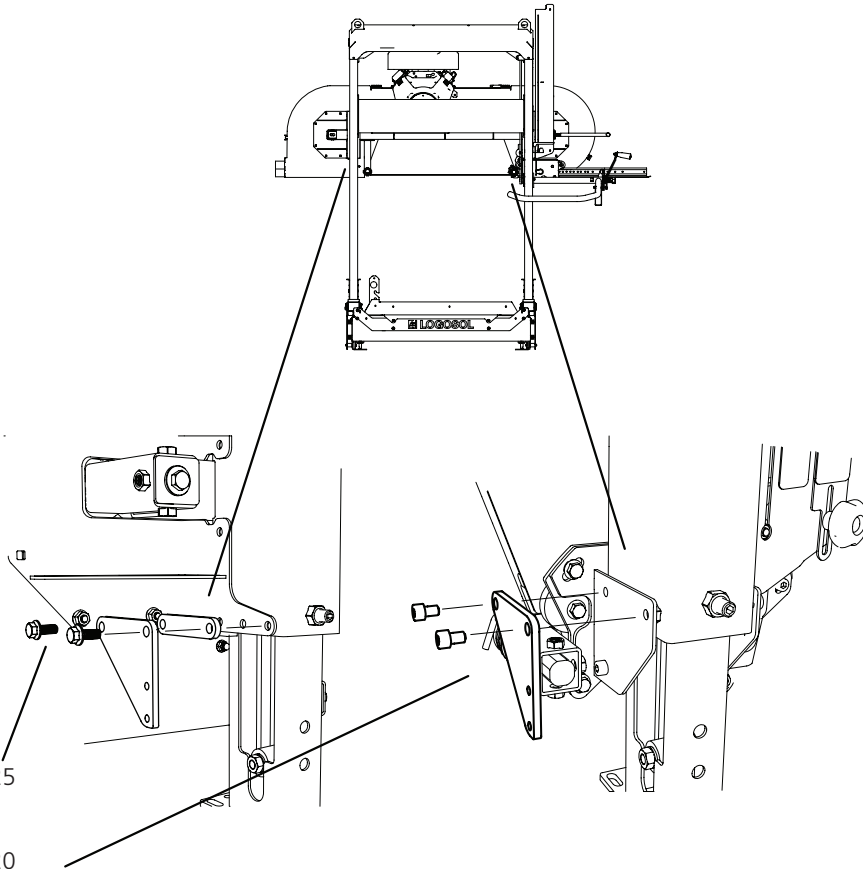
— 2x —

Flange bolt M8x25



— 2x —

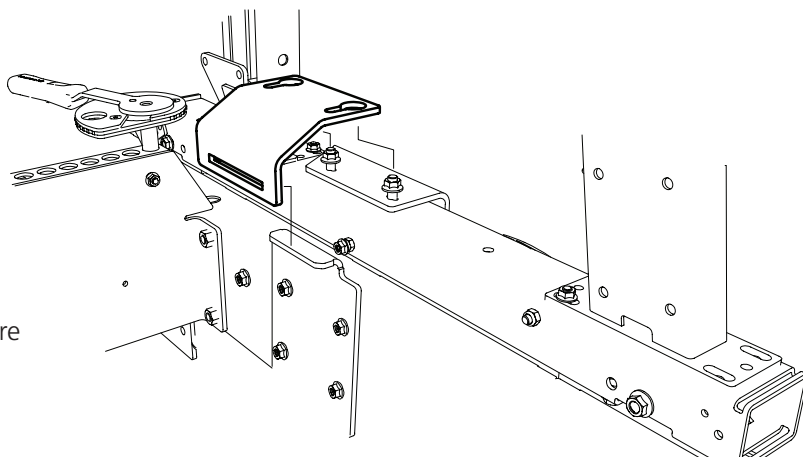
Flange bolt M8x20



FUNCTIONS

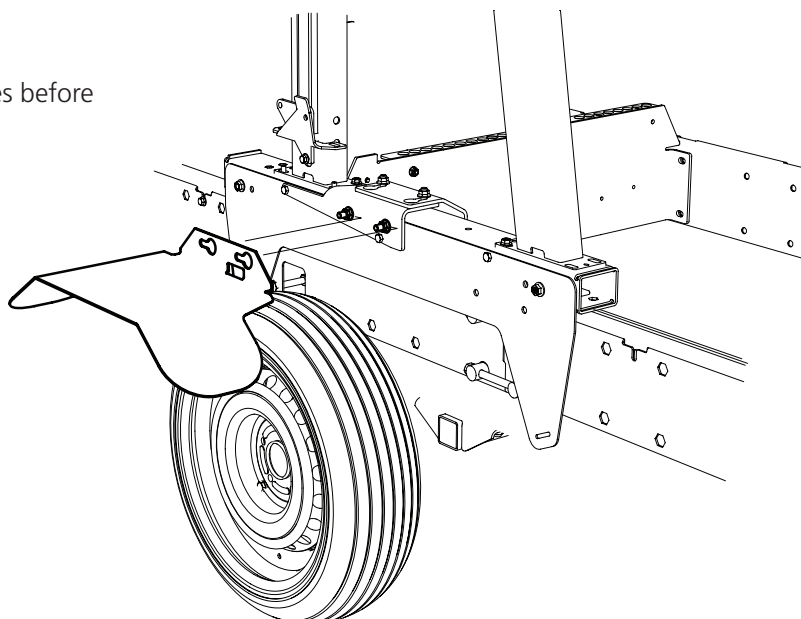
LOCKING THE SAWHEAD

Secure the sawhead with the lock bracket before transport.



FENDERS

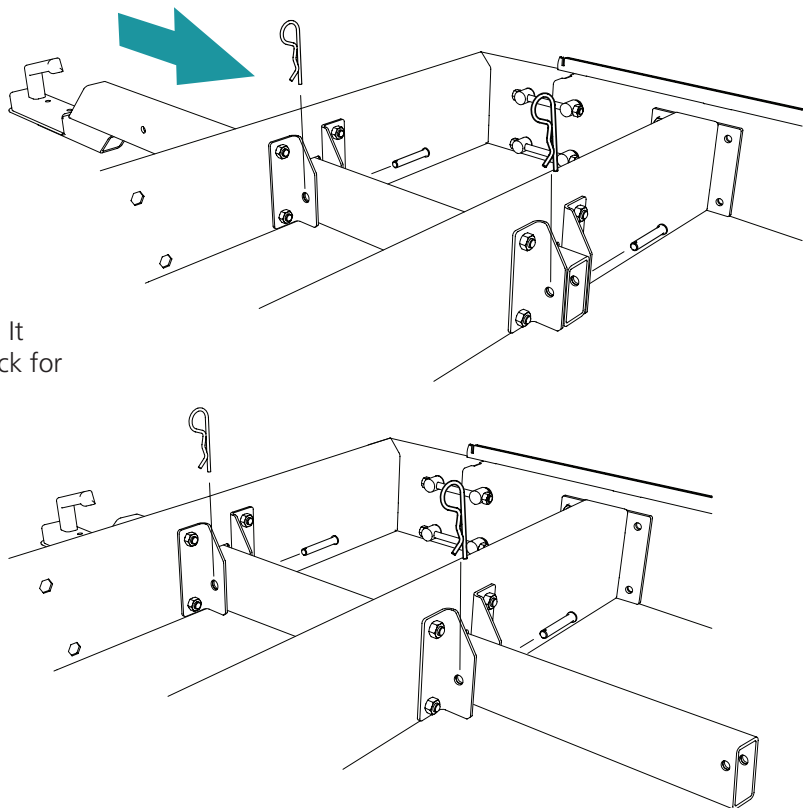
Fit the fenders to the attachment plates before transporting the sawmill.



FUNCTIONS

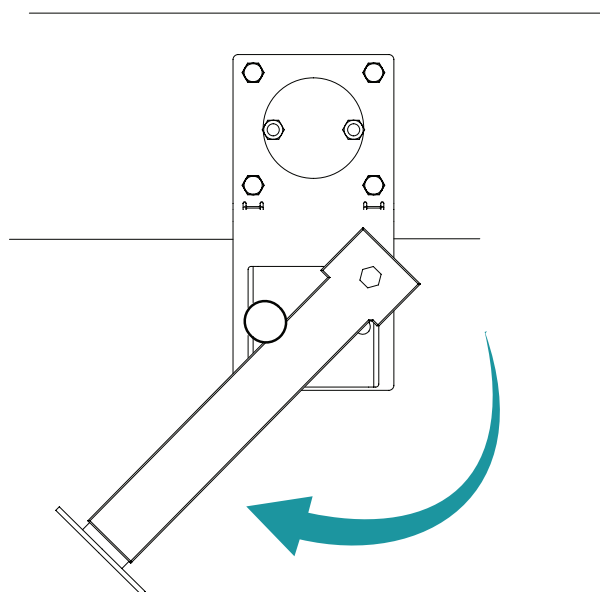
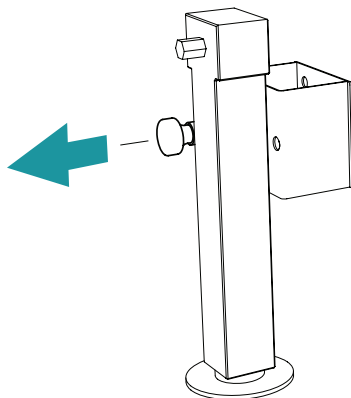
THE POSITIONS OF THE DRAWBAR

The trailer drawbar can be set to two positions. It can be pulled out for transport, and pushed back for a better access around the sawmill.



SUPPORTS LEGS

The trailer support legs can be folded up during transport. To fold up the legs, you pull out the lock pins.





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