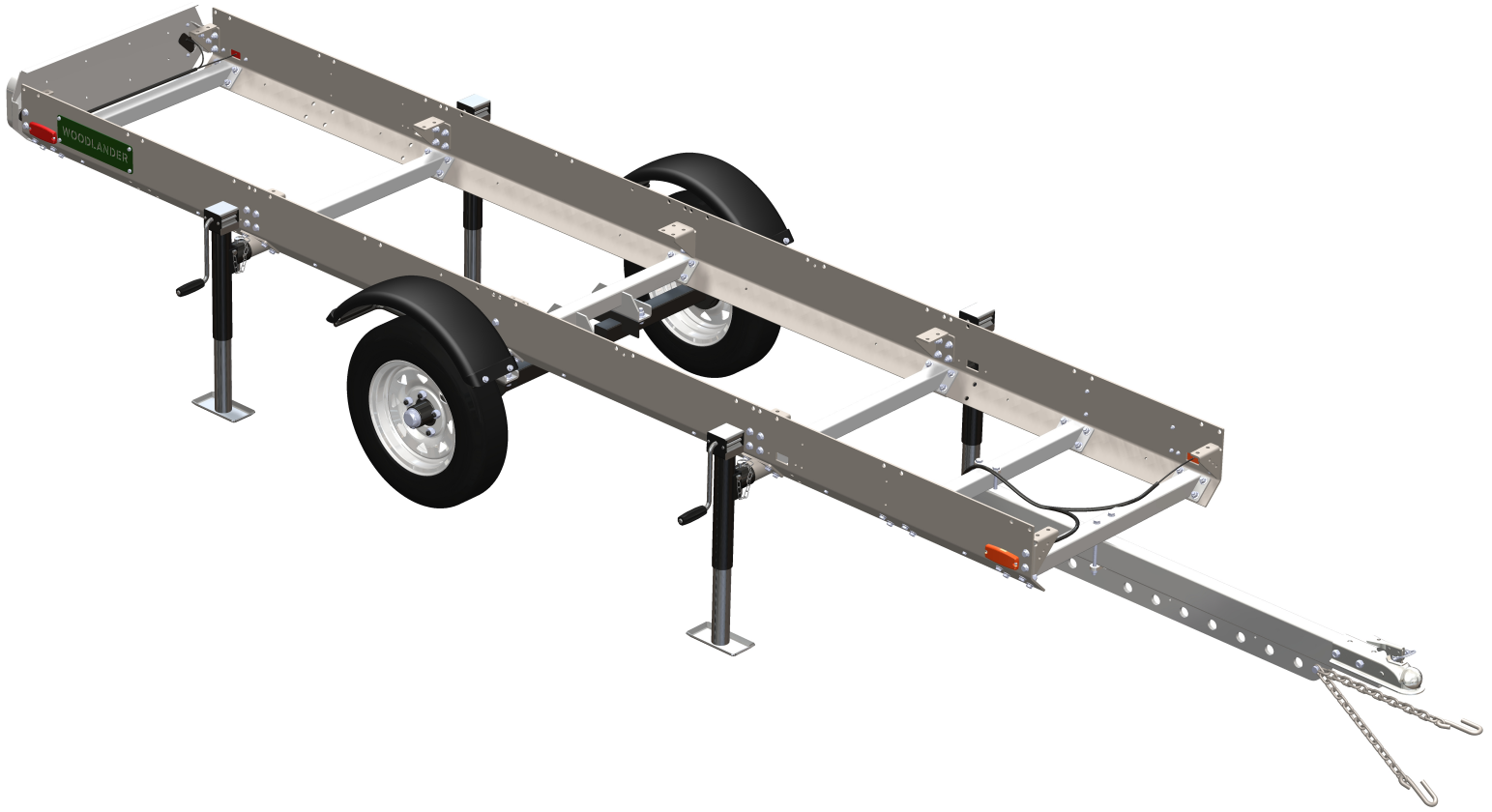


# WOODLANDER™ SAWMILL TRAILER



## OPERATOR'S MANUAL



DISCOVER THE WOODLAND™

The Woodlander™ is compatible with HM126, HM130 & HM130MAX sawmills. Woodlander™ is a trademark of Woodland Mills, Inc.

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## INTRODUCTION

Congratulations on your purchase and welcome to Woodland Mills! This manual gives you the necessary information about your Woodlander™ sawmill trailer so you will be able to use it properly. The entire manual must be read and understood before using the trailer. If any questions should arise that are not covered by this manual, please contact Woodland Mills, Inc.

### OWNER'S RECORD

Please take a moment to record the following information about your Woodlander™ sawmill trailer. If you need to call for assistance, please be ready to provide your model and serial numbers. This information will allow us to help you more quickly when you call.

#### MODEL NUMBER

#### SERIAL NUMBER

#### DATE OF PURCHASE

The Woodlander™ sawmill trailer is compatible with HM126, HM130 & HM130MAX sawmill and track systems for milling logs while the trailer is stationary and firmly supported on the ground. It is not intended to carry any additional weight or be used as a utility trailer.

The Woodlander™ sawmill trailer is designed for certain applications only. We strongly recommend the trailer not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the trailer until you have first contacted Woodland Mills to determine if it can or should be performed using the product.

For technical questions and replacement parts, please contact Woodland Mills, Inc.



## **\*\*SAVE THESE INSTRUCTIONS\*\***

### **GENERAL SAFETY RULES**



#### **WARNING!**

Read and understand all instructions. Failure to follow all instructions listed below may result serious injury.



#### **WARNING!**

The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product but must be supplied by the operator.



#### **WARNING!**

The trailer is not designed to carry any additional weight other than the sawmill and trailer itself while being towed. Failure to heed this warning could result in damage to the trailer and/or the sawmill.

**Damage caused by towing additional weight will void the warranty.**

### **INSPECTION/MAINTENANCE**

- Check the tires before all trips. Make sure they are inflated to the pressure shown on the tire.
- Grease the axle bearings every 3 months or 1000 miles [1600 km], whichever comes first.
- Check the tow hitch ball coupler. Make sure it is not damaged.
- Check the wheel lug nuts before all trips. Make sure they are torqued properly.
- Check the lights. Make sure all the lights work properly. Replace any lights that do not work.
- Inspect trailer before all trips for any damaged or loose parts.



## TECHNICAL SPECIFICATIONS

Item	Specification
Trailer Axle	Independent Torsion Axle Design
Trailer Wheels	5 Bolts @ 4.5 in [114 mm] & 5.30-12 DOT Approved Tires
Tire Pressure	Refer to Tire
Wheel Nut Torque	80 ft•lb [110 N•m]
Trailer Ball Coupler	2 in [50 mm]
Trailer Lights	LED Light Kit (stop, turn, tail, side markers, and license plate light)
Finish	Powder Coat Paint / Galvanized Steel
Fenders	Removable
Safety	Locking pins and safety straps to secure sawhead while travelling
Shipping Weight	Woodlander: 640 lb [290 kg]
	Woodlander MAX: 655 lb [297 kg]
Product Weight	Woodlander: 556 lb [252 kg]
	Woodlander MAX: 571 lb [259 kg]

## BOLT TORQUE SPECIFICATIONS

Bolt (Thread Size)	Torque
M5	78 in•lb [9 N•m]
M6	133 in•lb [15 N•m]
M8	333 in•lb [38 N•m]
M10	53 ft•lb [72 N•m]
M12	93 ft•lb [126 N•m]



## TRAILER ASSEMBLY

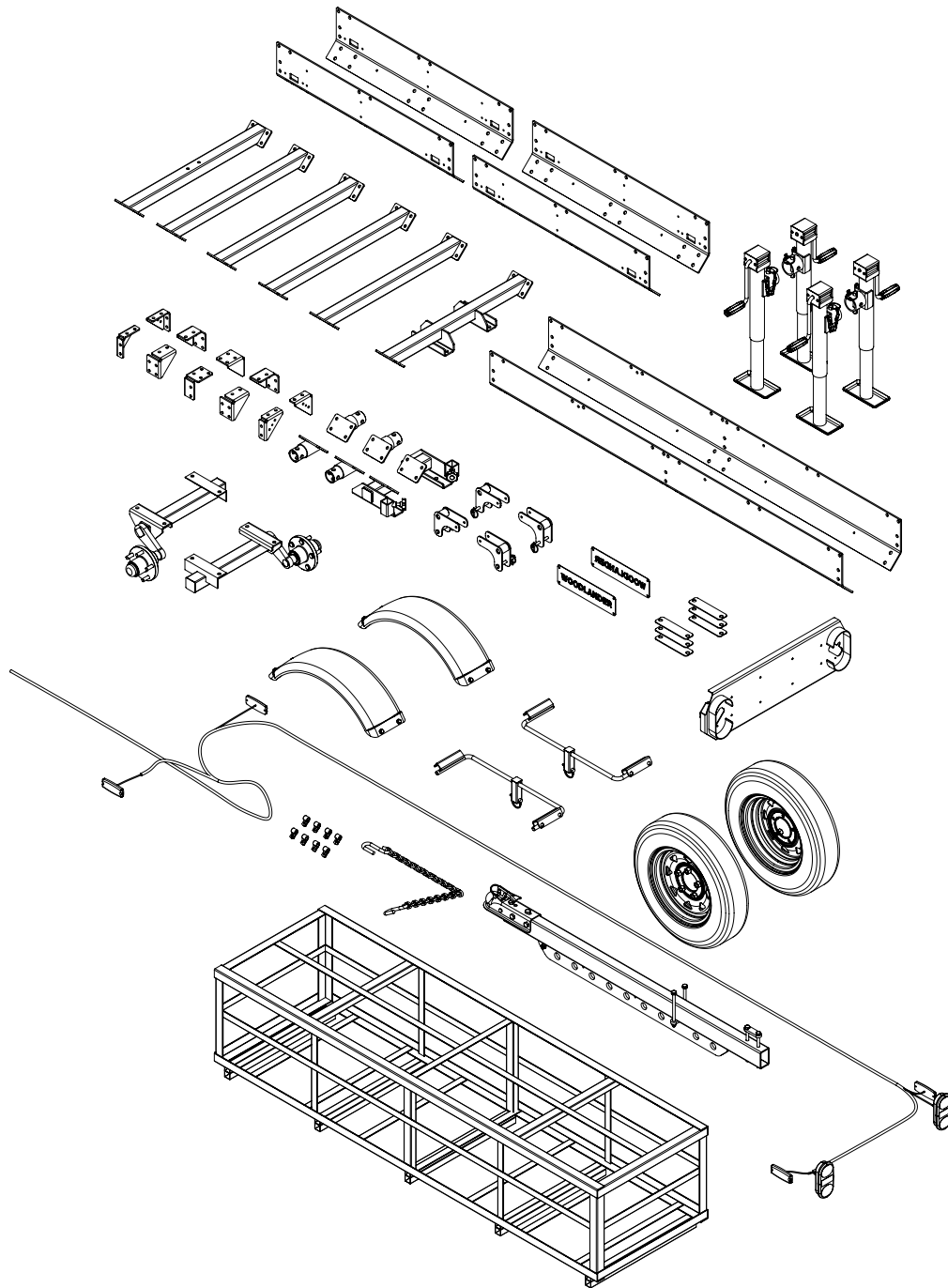
### 1. TOOLS REQUIRED

Tool	Specification
Phillips Head Screwdriver	No. 3
Wrench/Socket	8 mm
Wrench/Socket	9 mm
Wrench/Socket	10 mm
Wrench/Socket	13 mm
Wrench/Socket	14 mm
Wrench/Socket	15 mm
Wrench/Socket	18 mm
Adjustable Wrench	Variable
Torque Wrench	Capable of 93 ft•lb [126 N•m]
Drill	Corded or cordless



## 2. UNPACKING

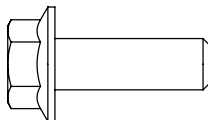
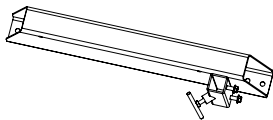
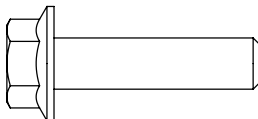
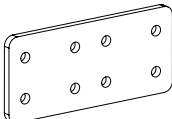
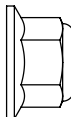
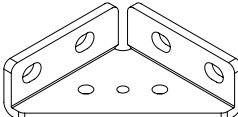
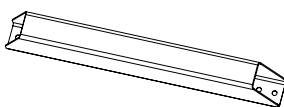
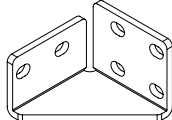
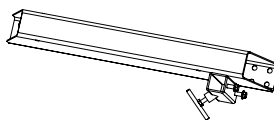
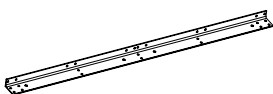
Remove all the parts from the steel crate. Set the crate aside as it will be used as a support for several of the following steps.



### 3. GUSSETS

Using the hardware listed below, assemble the gussets to the track as shown on the next page.

Ensure the track width is set correctly (see track widths on next page), and measure diagonally to check for squareness. Torque all bolts per the table in section, **BOLT TORQUE SPECIFICATIONS**.

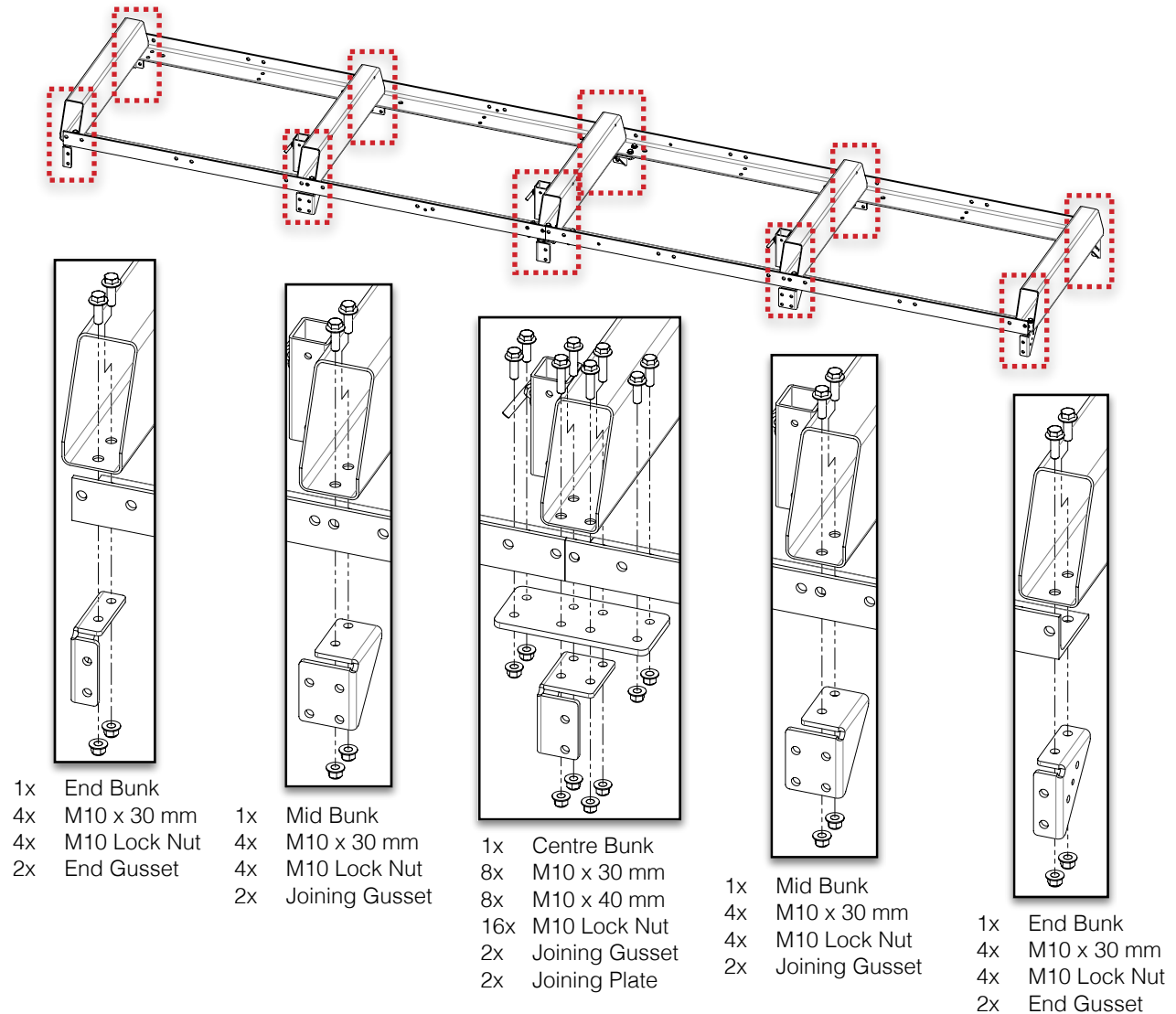
24x	M10 X 30 mm Flanged Hex Bolt		2x	Mid Bunk	
8x	M10 X 40 mm Flanged Hex Bolt		2x	Reinforcement Plate	
32x	M10 Flanged Lock Nut		4x	End Gusset	
2x	End Bunk		6x	Joining Gusset	
1x	Centre Bunk		4x	Track Rail	

Track components listed in these tables are *not* included with the trailer package, namely track rails, reinforcement plates, bunks, and carriage stops. These components are found in the sawmill crate. If the trailer was purchased for an existing sawmill (i.e. the sawmill is currently assembled), the track will need to be disassembled prior to building the trailer and the following assembly instructions performed.

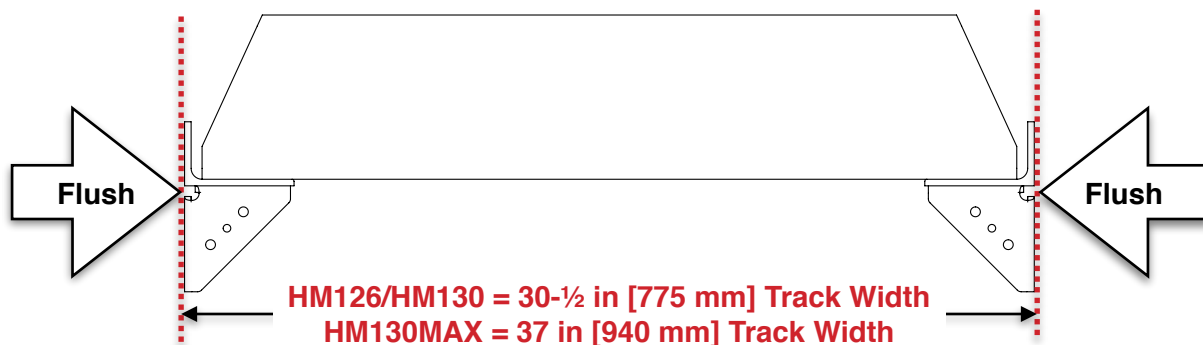


**Use the fasteners included with the sawmill trailer to assemble the track. The fasteners included with the sawmill track will *not* be used.**



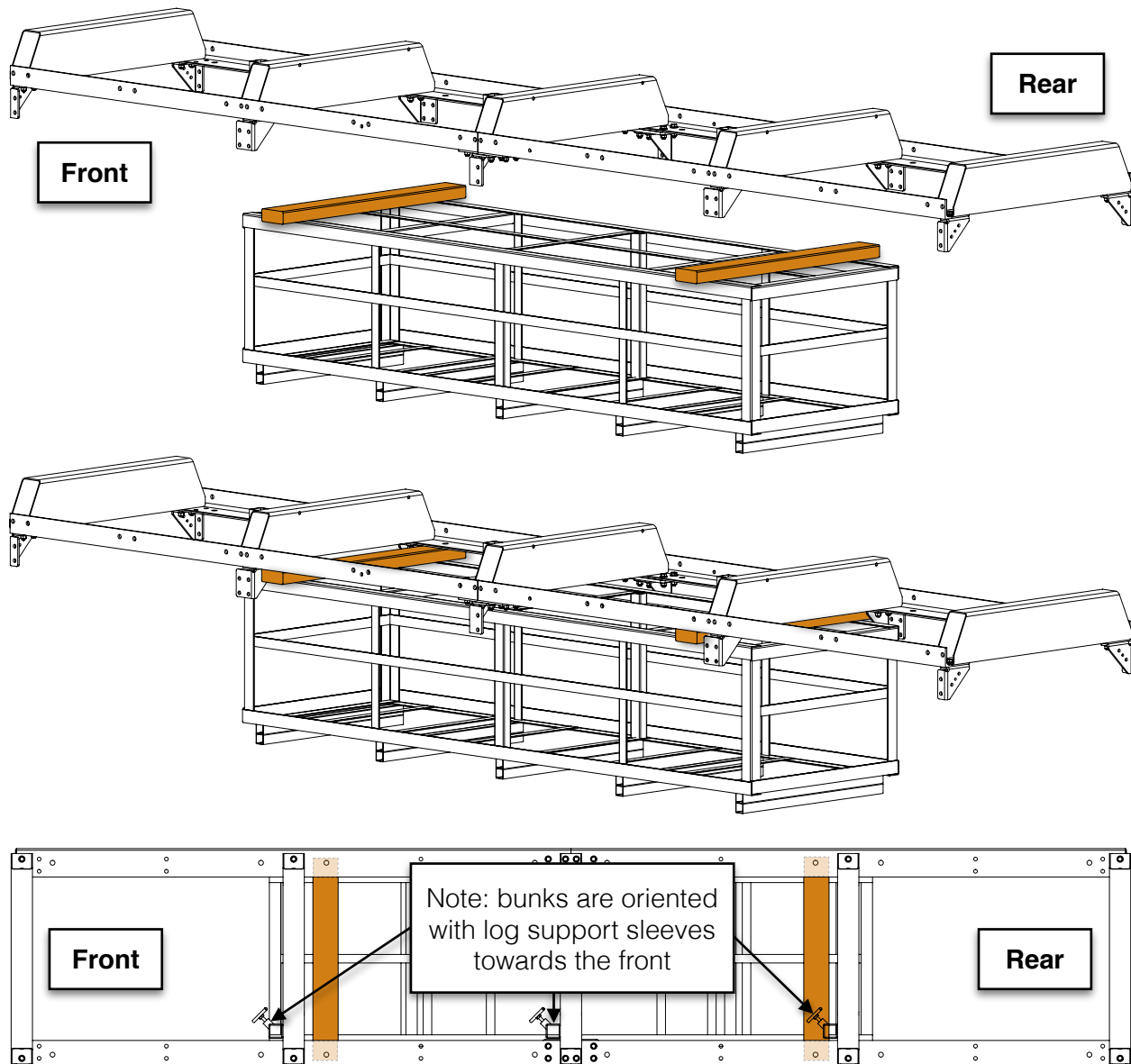


The above steps need to be completed on both left and right sides of the track. Make sure the gussets are flush with the outside face of the track rails as shown below.



## 4. SIDE PLATES

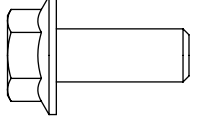
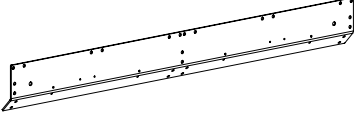
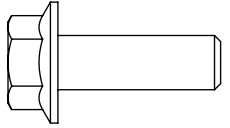
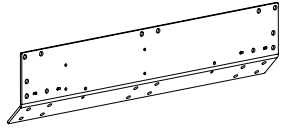
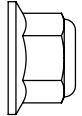
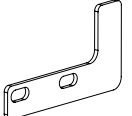
Using the shipping crate as an assembly aid, lay two (2) 2X4s across the top the crate near each end. Position the track/gusset assembly on the 2X4s, ensuring it is centred end-to-end. The 2X4s need to be long enough to support the track rails but shorter than the track is wide.

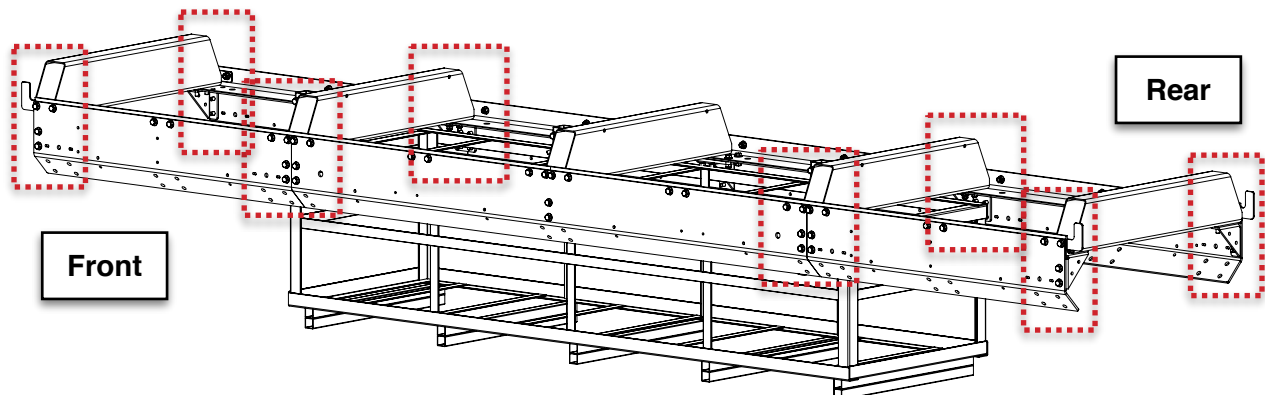


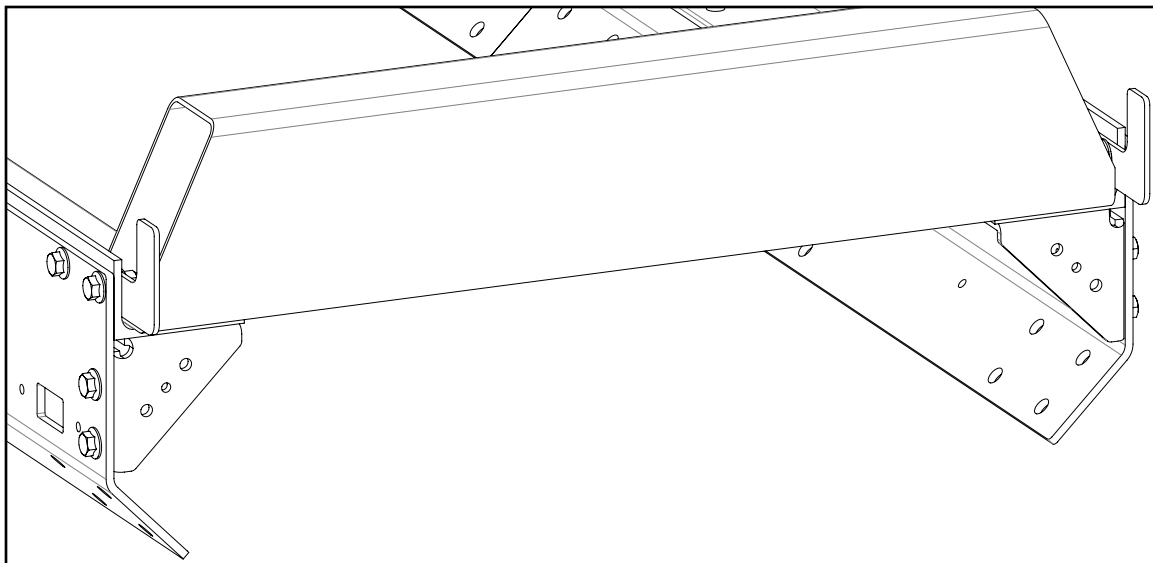
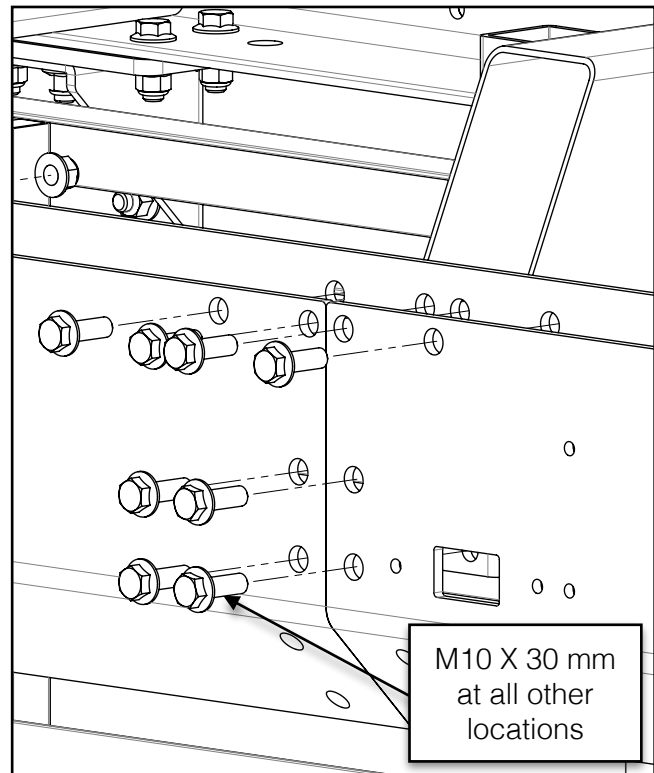
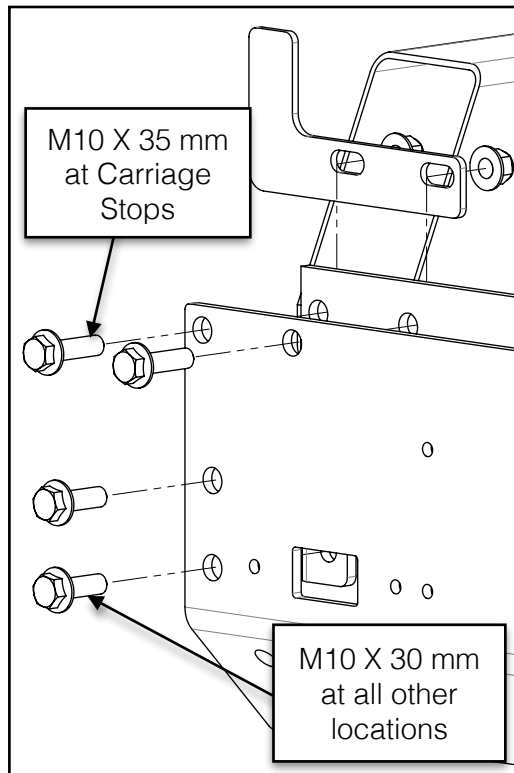
**For either the HM126 or HM130, use 30 in [762 mm] long 2X4s. Use 36 in [914 mm] long 2X4s for the HM130MAX.**



Using the hardware listed below, hang the side plates using the M10 X 30 mm and M10 X 35 mm bolts. Do not tighten these bolts. The eight (8) M10 X 35 mm bolts are used with the carriage stops. The M10 X 30 mm bolts are used everywhere else.

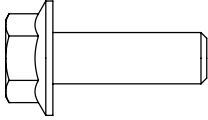
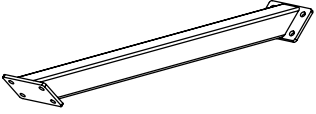
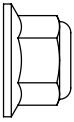
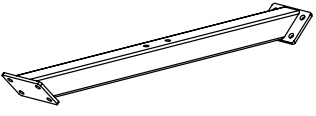
68x	M10 X 30 mm Flanged Hex Bolt		2x	Long Side Plate	
8x	M10 X 35 mm Flanged Hex Bolt		4x	Short Side Plate	
76x	M10 Flanged Lock Nut		4x	Carriage Stop	

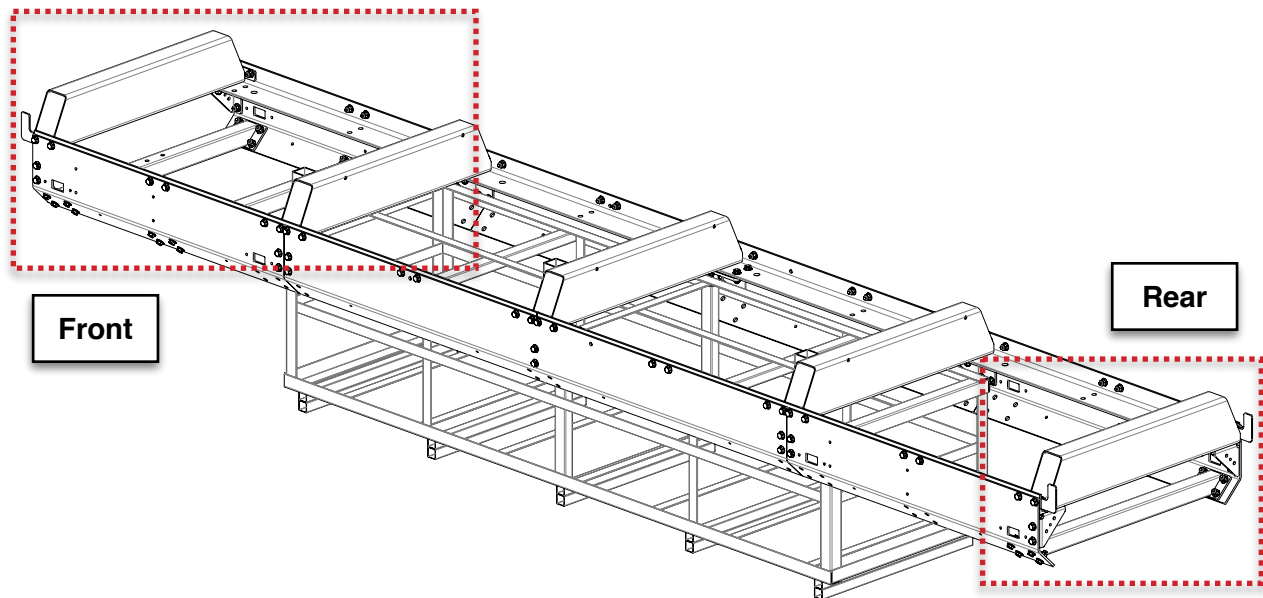


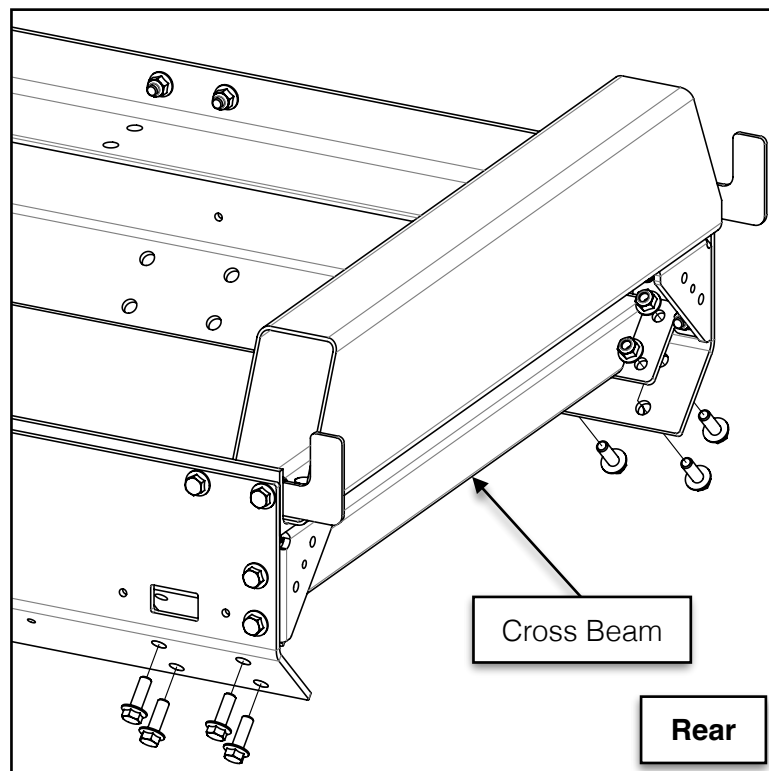
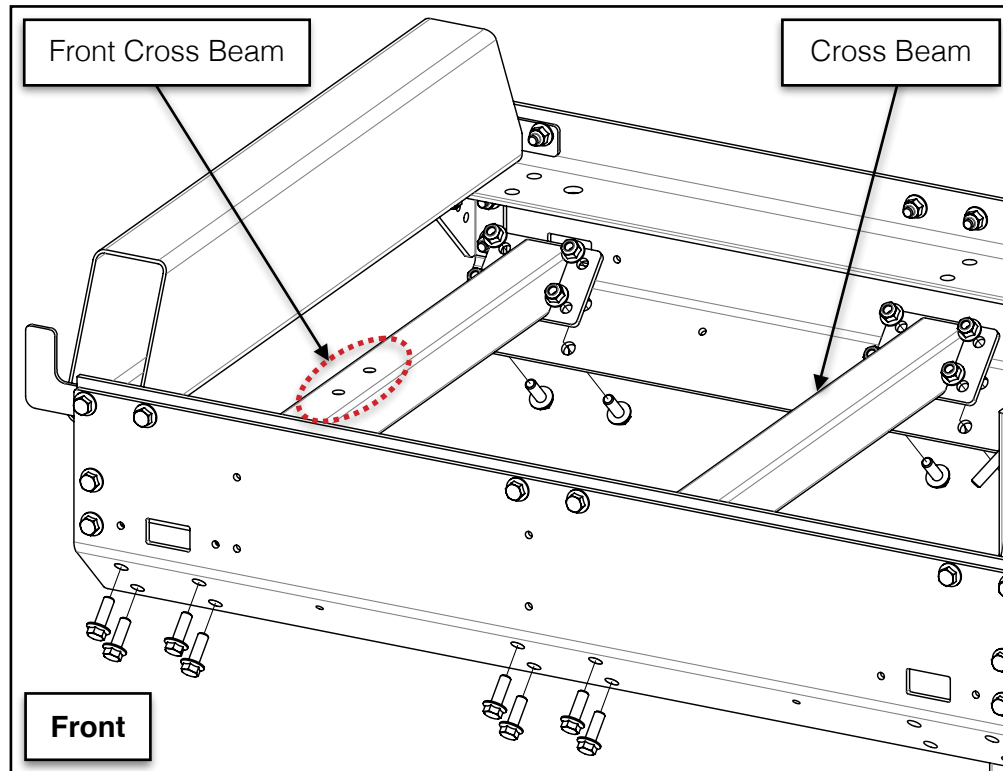


## 5. FRONT AND REAR CROSS BEAMS

Using the hardware listed below, install the front and rear cross beams (2 front, 1 rear). Ensure the cross beam with the two holes is assembled at the front. Do not tighten these bolts.

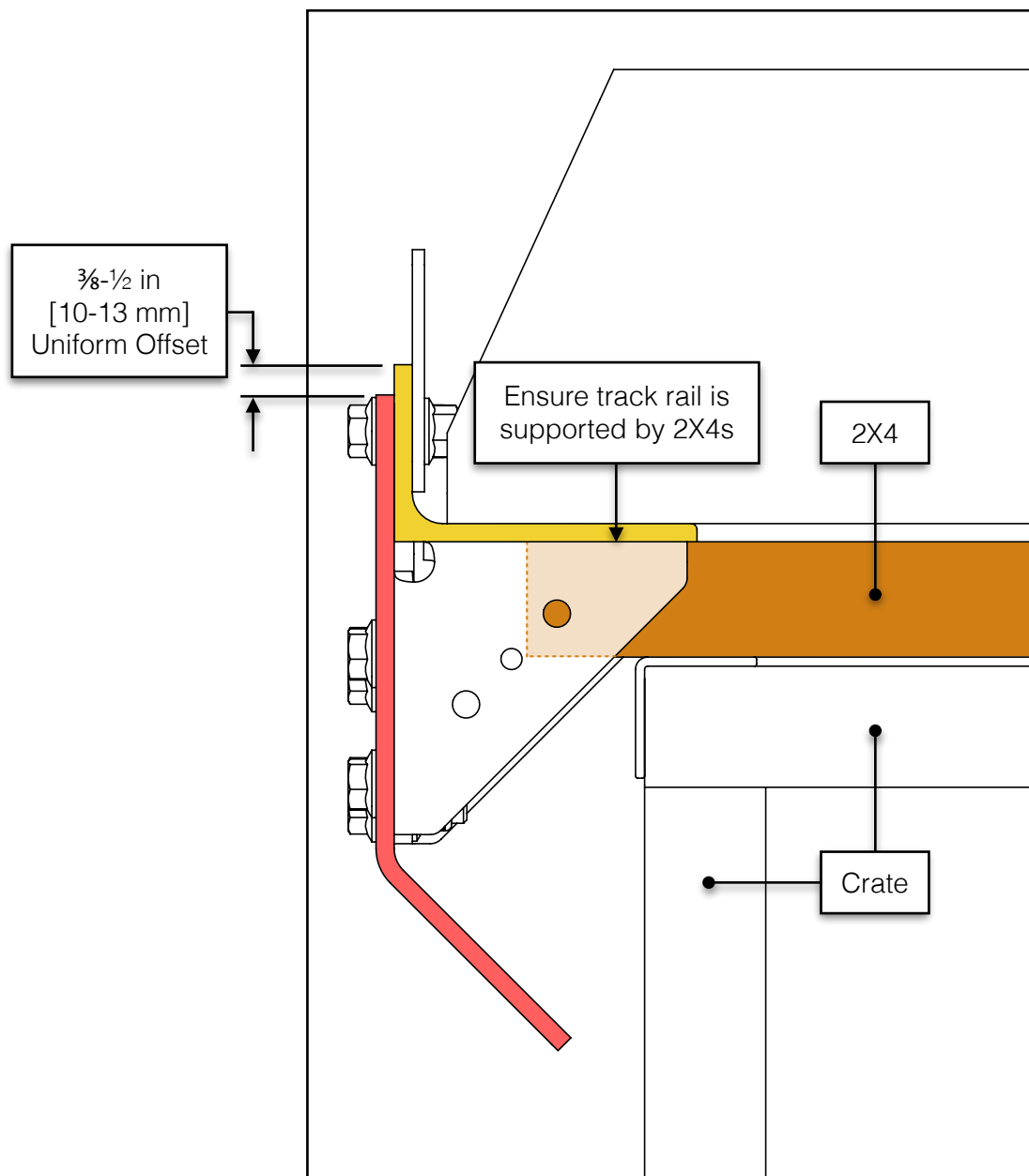
24x	M10 X 30 mm Flanged Hex Bolt		2x	Cross Beam	
24x	M10 Flanged Lock Nut		1x	Front Cross Beam	





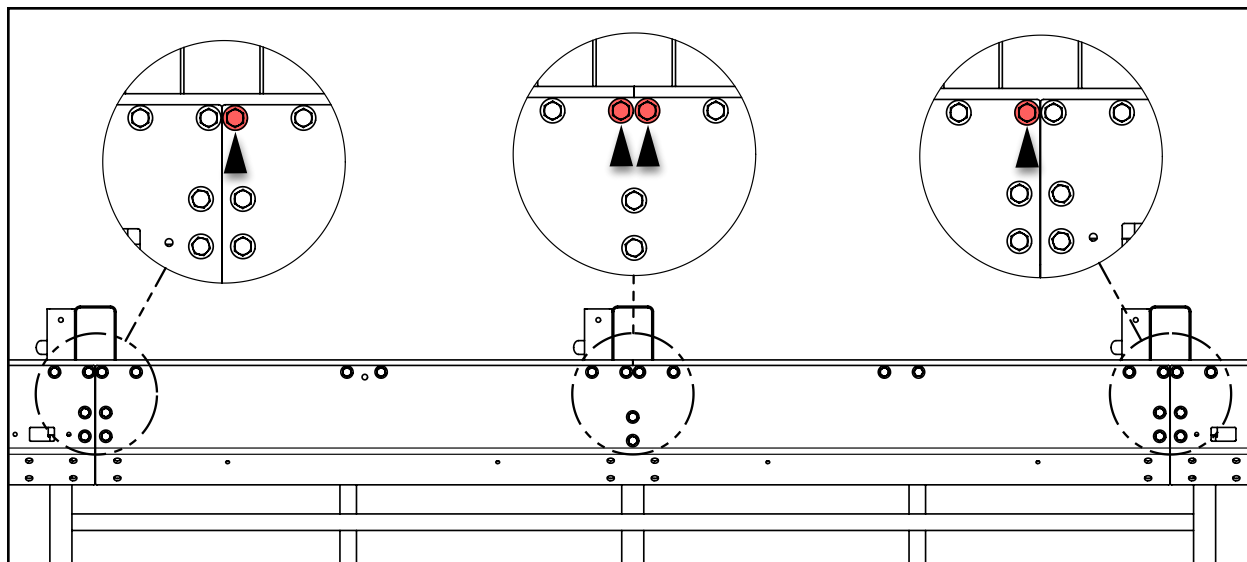
## 6. SIDE PLATE-TO-RAIL OFFSET & BOLT TORQUING

Before torquing the chassis bolts as shown on the following 3 pages, verify there is a  $\frac{3}{8}$ - $\frac{1}{2}$  in [10-13 mm] offset between the top of the track rails and the top of the side plates. The offset must be uniform along the entire length of the trailer on both sides.

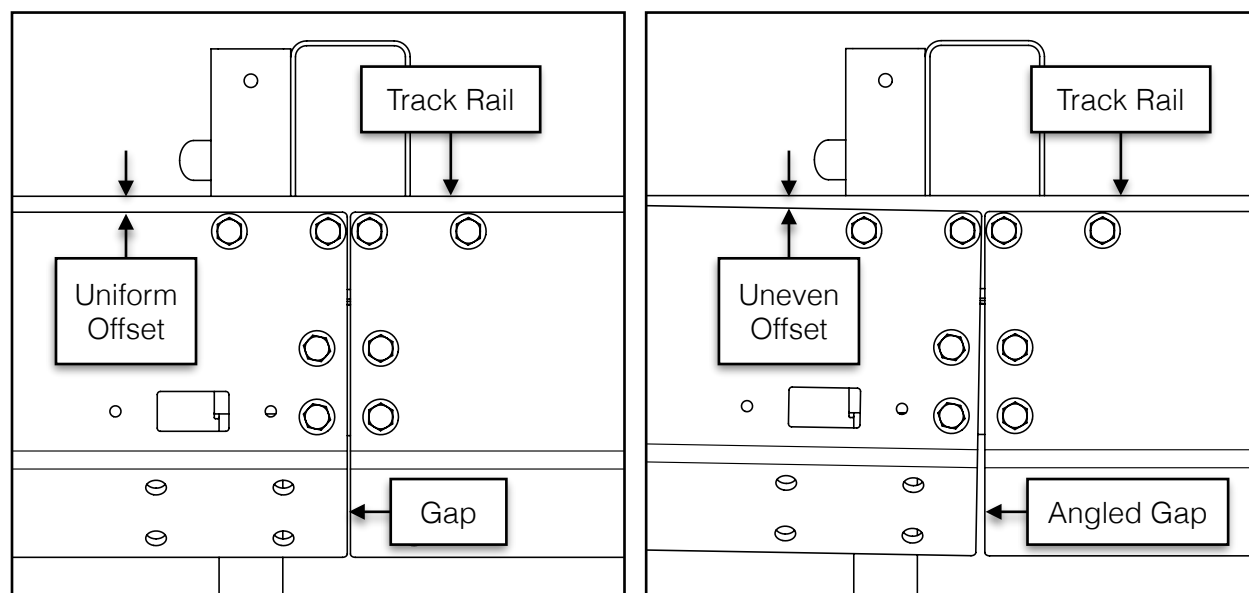


If the offset is not uniform, ensure the track is sitting on the 2X4s and not the crate. The side plates need to hang from the rails unobstructed, with only the force of gravity pulling them down.

Ensuring the side plate-to-rail offset is uniform, tighten and torque *only* the four (4) highlighted bolts securing the long side plate. Do this for both sides of the trailer.



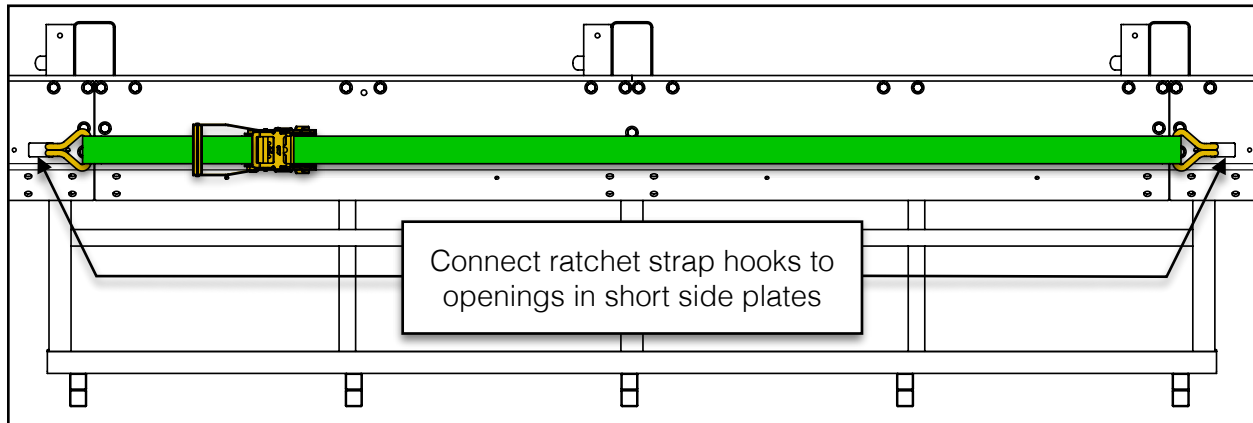
With the long side plate secured in place, note the gaps (if any) between the short side plates and the long side plates.



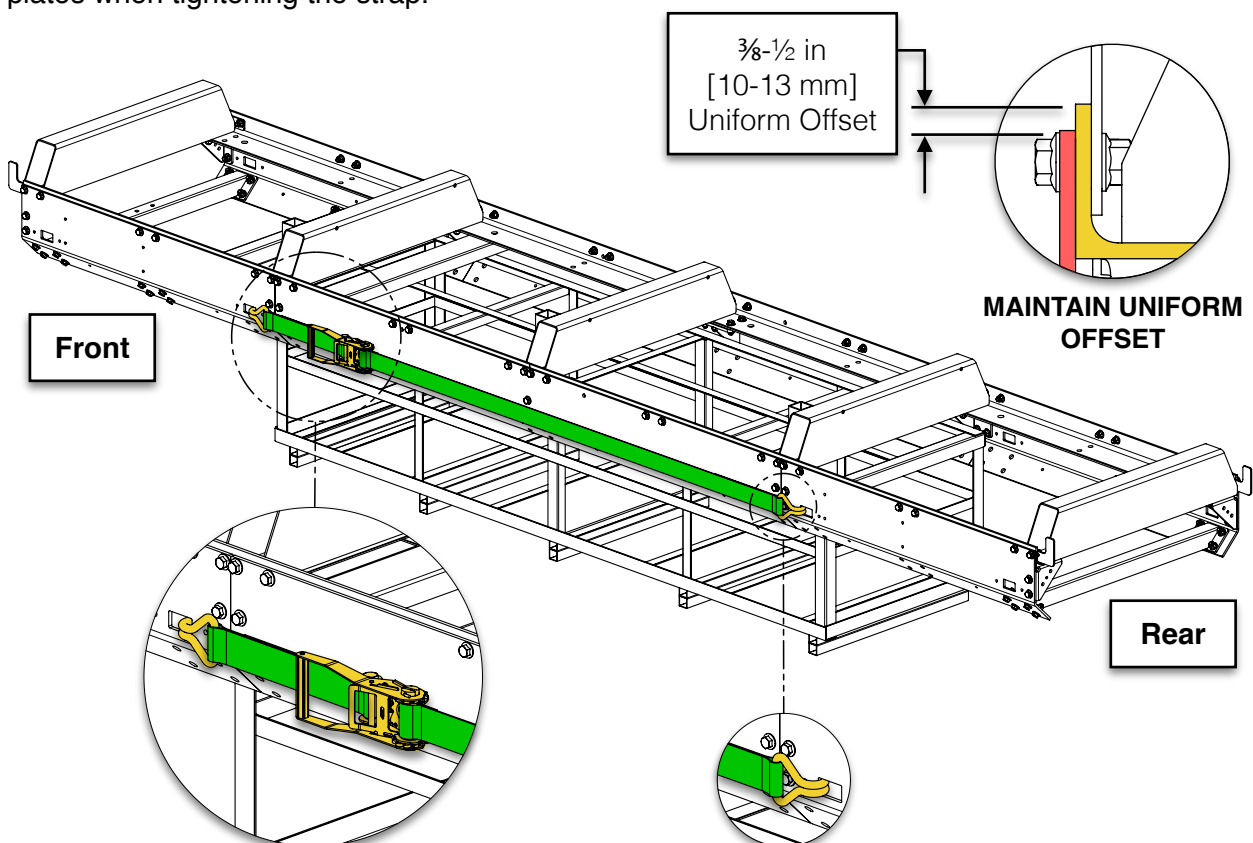
If there are gaps, or if the short side plates are not hanging parallel to the top of the track rails, the included ratchet strap can be used to pull the plates together before torquing the bolts as shown on the next page.

**\*\*Note: If the side plates butt together with no gap, skip to page 18.\*\***

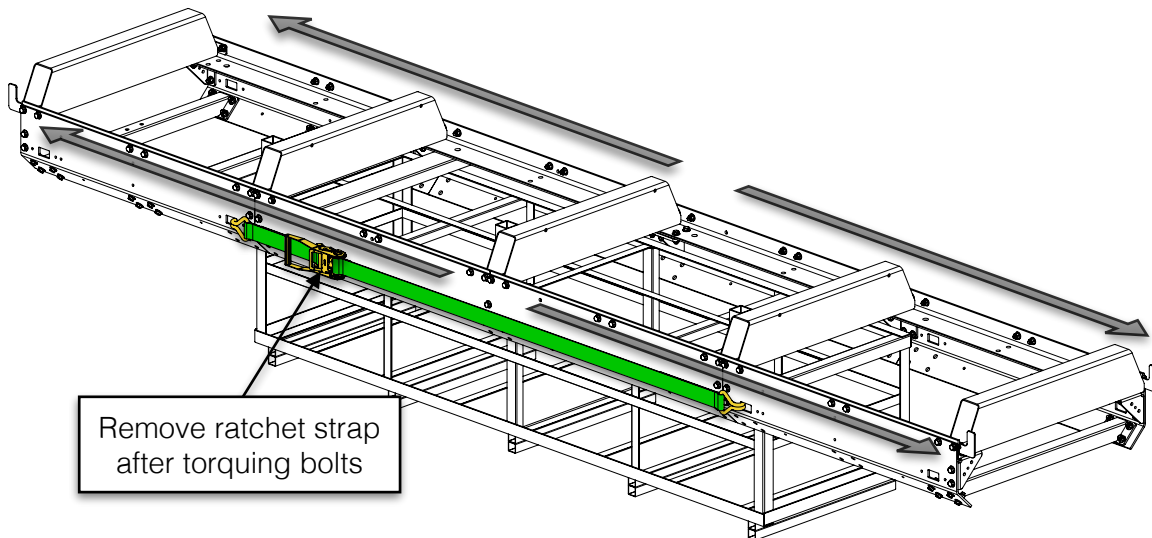
Attach the ratchet strap hooks to the rectangular openings in the short side plates and pull the sides plates together to help eliminate any gaps. Keep the strap in place until all the bolts are torqued as outlined on the next page.



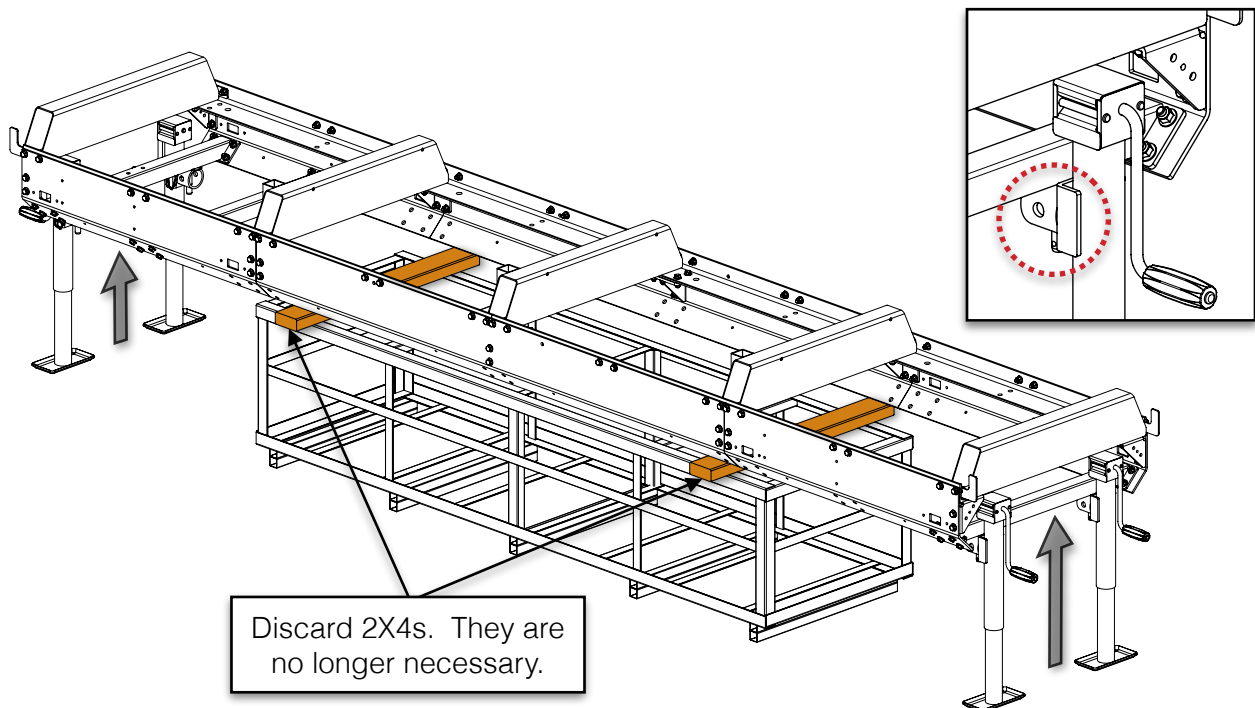
Remember to maintain a uniform offset between the top of the track rails and the top of the side plates when tightening the strap.



While maintaining a uniform side plate-to-rail offset, torque the remaining bolts per the table in section, ***BOLT TORQUE SPECIFICATIONS***, starting from the centre and working towards the outer ends. Ensure the track is straight, level, and square during this procedure.



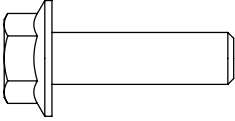
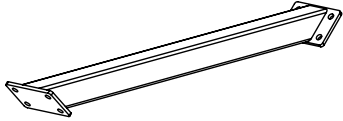
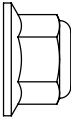
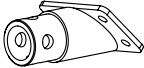
Position the jack stand receivers under the front and rear *cross beams* as shown below and raise the assembly until the side plates are above the crate. Discard the two (2) 2X4s.

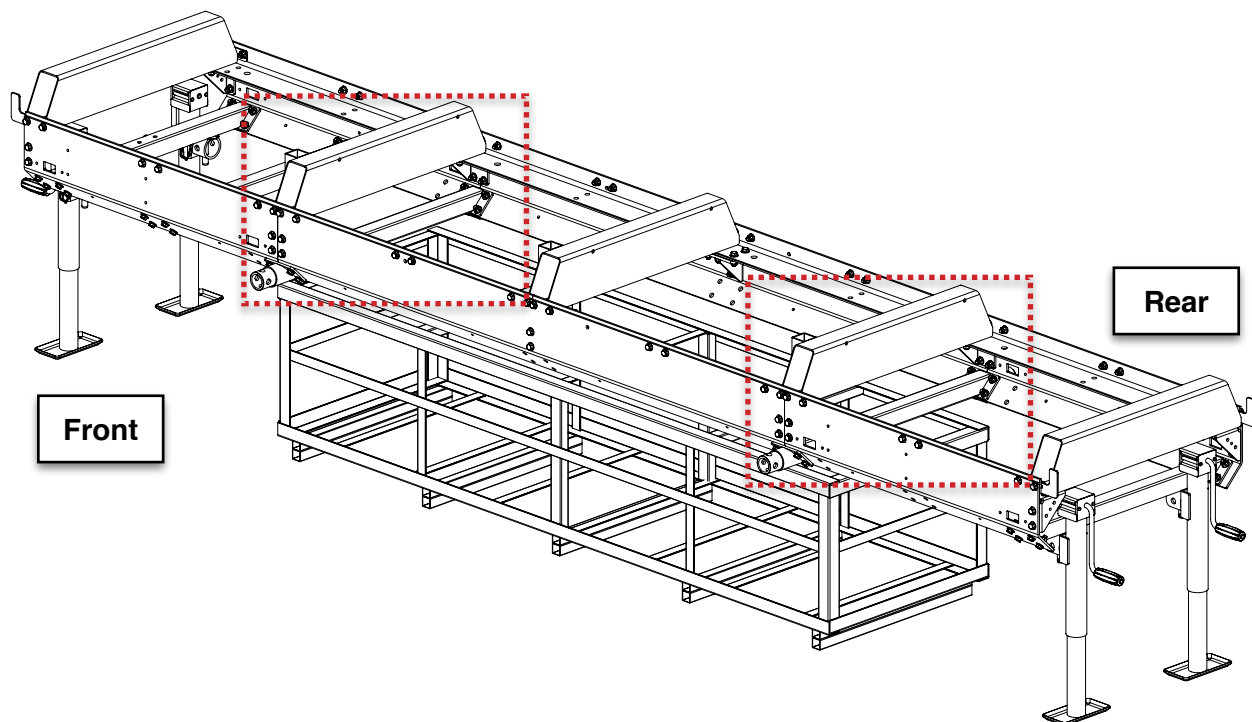


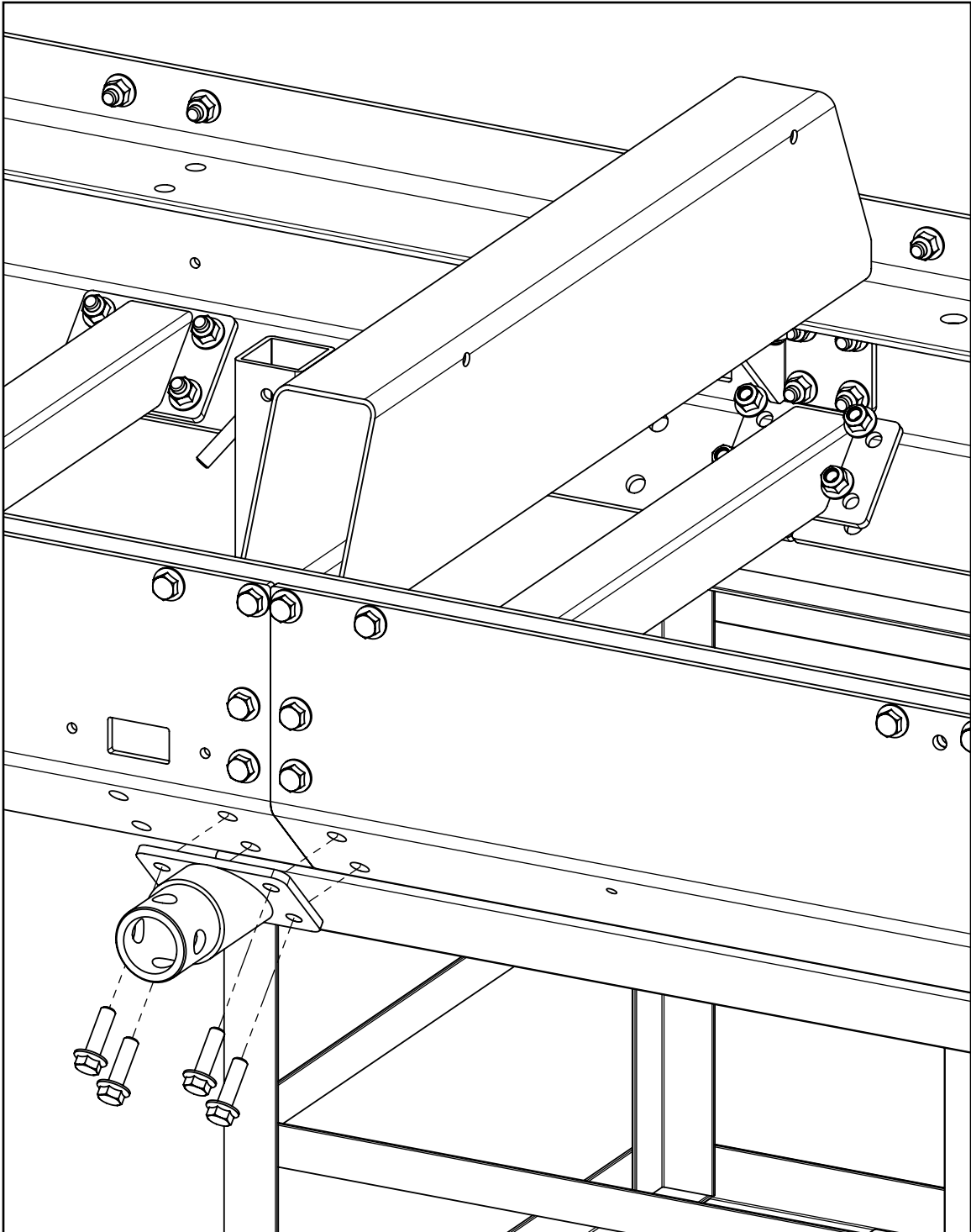


## 7. INNER CROSS BEAMS AND JACK MOUNTS

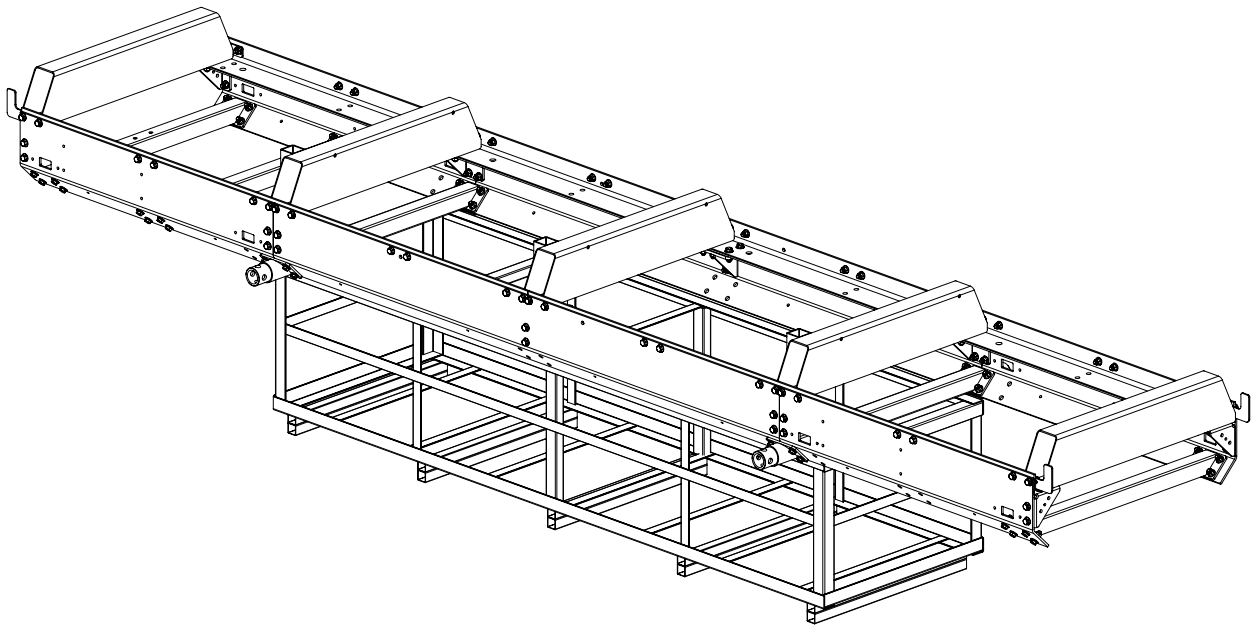
Using the hardware listed below, install the 2 remaining cross beams and 4 jack mounts. Torque all the bolts per the table in section ***BOLT TORQUE SPECIFICATIONS***.

16x	M10 X 35 mm Flanged Hex Bolt		2x	Cross Beam	
16x	M10 Flanged Lock Nut		4x	Jack Mount	

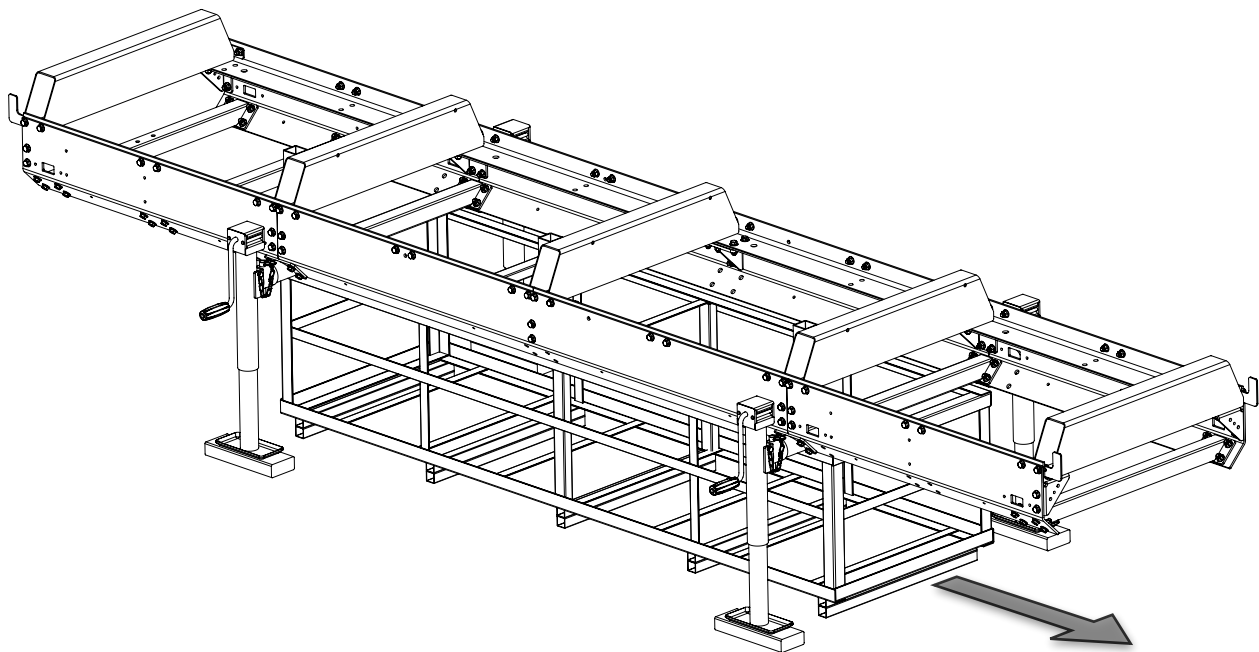




Next, lower the trailer until the cross beams are resting on the crate.

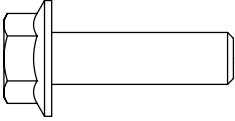
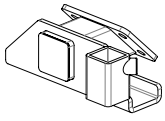
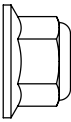
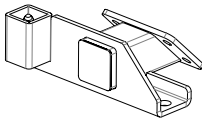
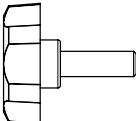
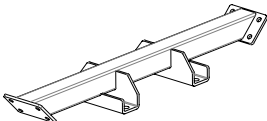


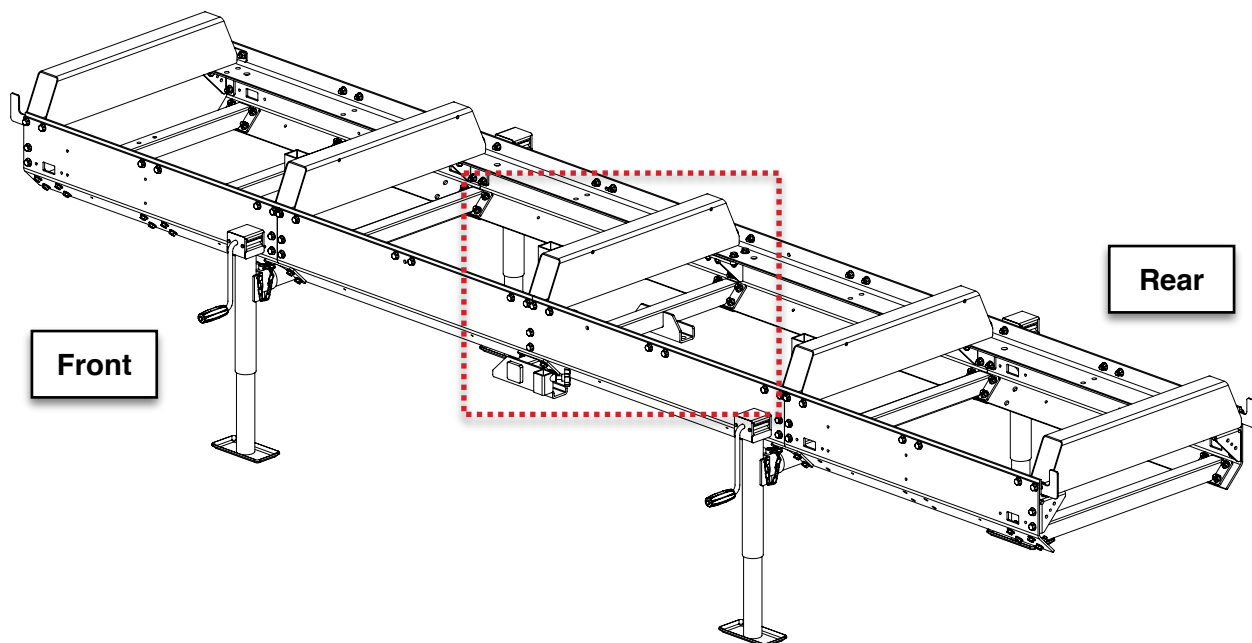
Slide the jacks onto the jack mounts and secure them with the locking pins. Raise the jacks up to slide the crate out from under the trailer assembly. Place blocks of wood underneath each jack if necessary to achieve the required clearance.

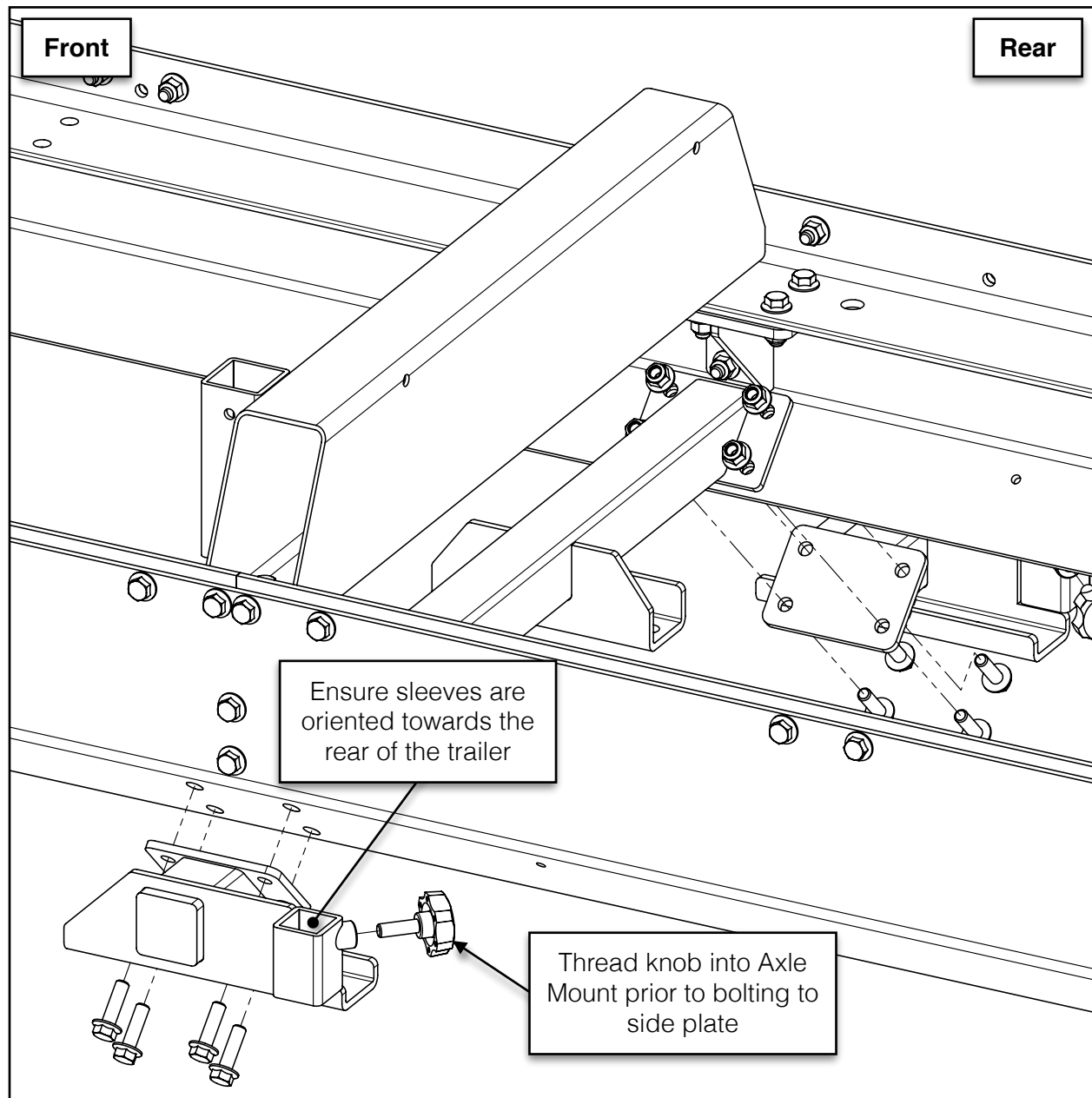


## 8. AXLE MOUNTS AND AXLE CROSS BEAM

Using the hardware listed below, install the axle mount cross beam and left/right axle mounts with fender adapter as shown. Tighten these bolts.

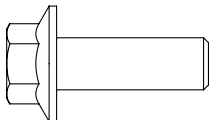
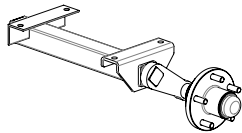
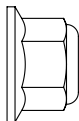
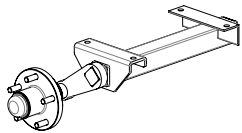
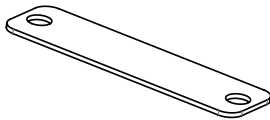
8x	M10 X 35 mm Flanged Hex Bolt		1x	Axle Mount w/ Fender Adapter [Left]	
8x	M10 Flanged Lock Nut		1x	Axle Mount w/ Fender Adapter [Right]	
2x	M10 X 30 mm Knob		1x	Axle Mount Cross Beam	

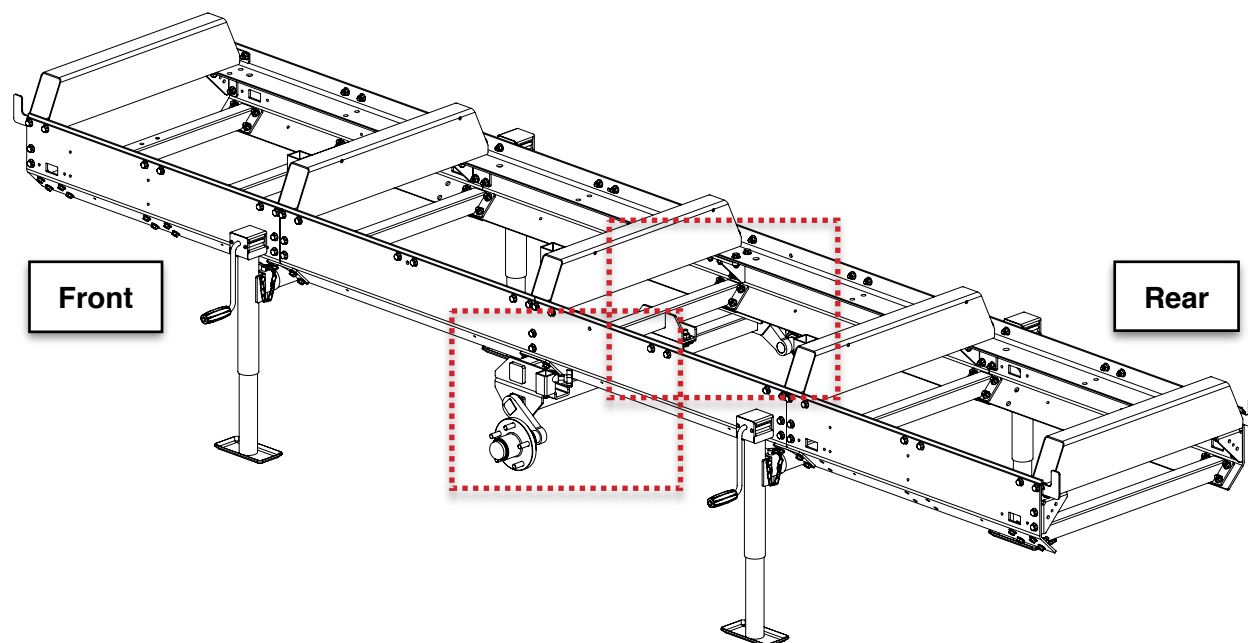


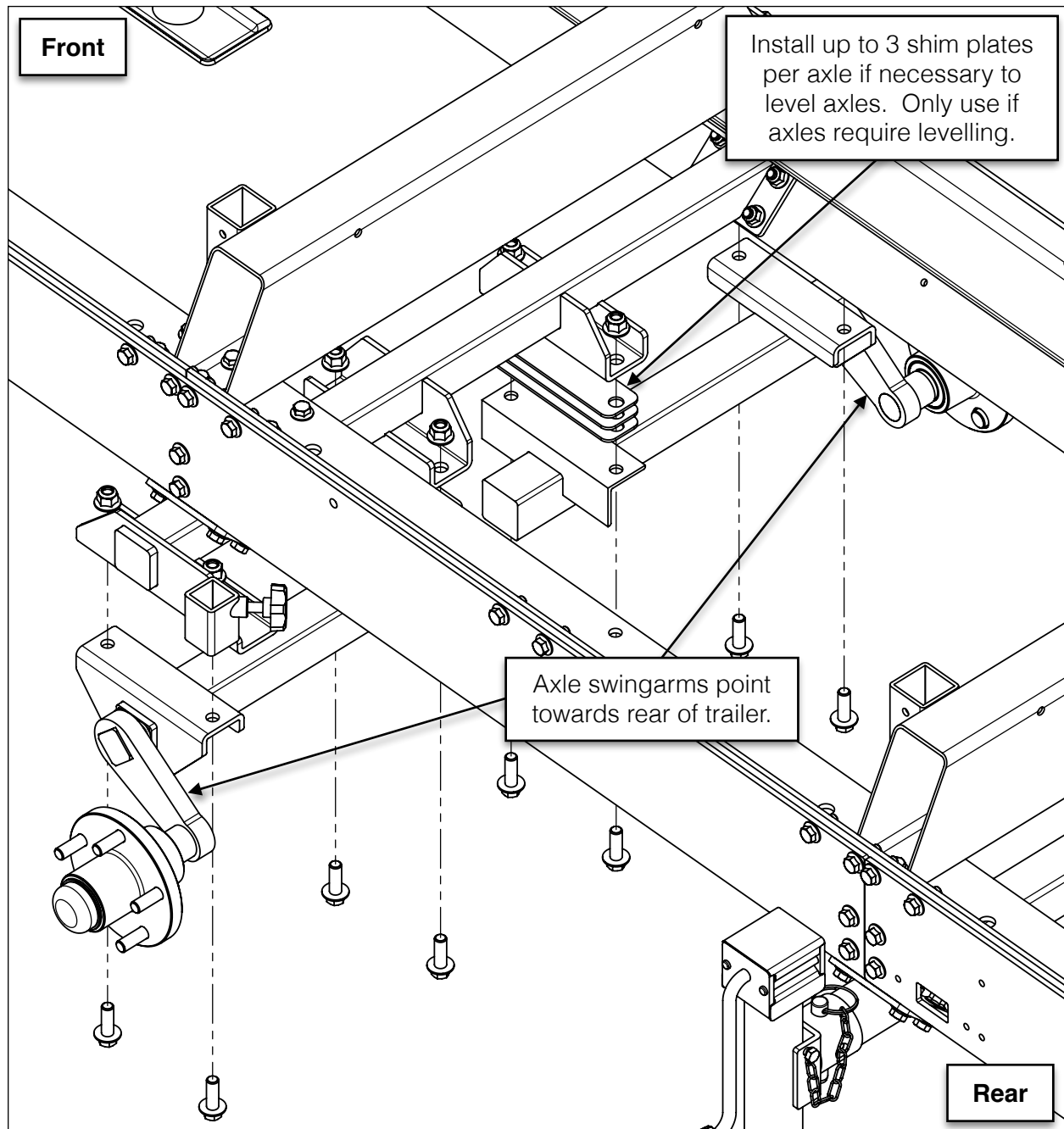


## 9. AXLES

Using the hardware listed below, install the axles as shown on the next page. Tighten these bolts to the ***specified torque***. Place a bubble level across both axles and check for level. If the level is off, use axle shim plates between the inner axle mounting face and axle cross beam to ensure the axles ride level. The shims are not necessary if the axles sit level after assembly.

8x	M12 X 35 mm Flanged Hex Bolt		1x	Axle [Left]	
8x	M12 Flanged Lock Nut		1x	Axle [Right]	
			6x	Axle Shim Plate	

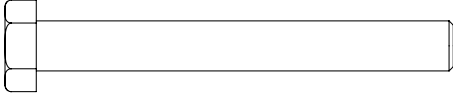
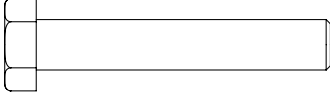

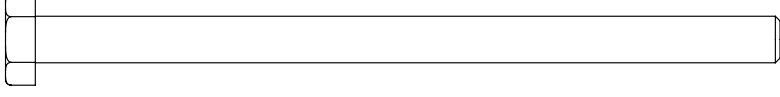


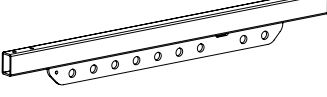

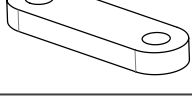
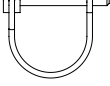




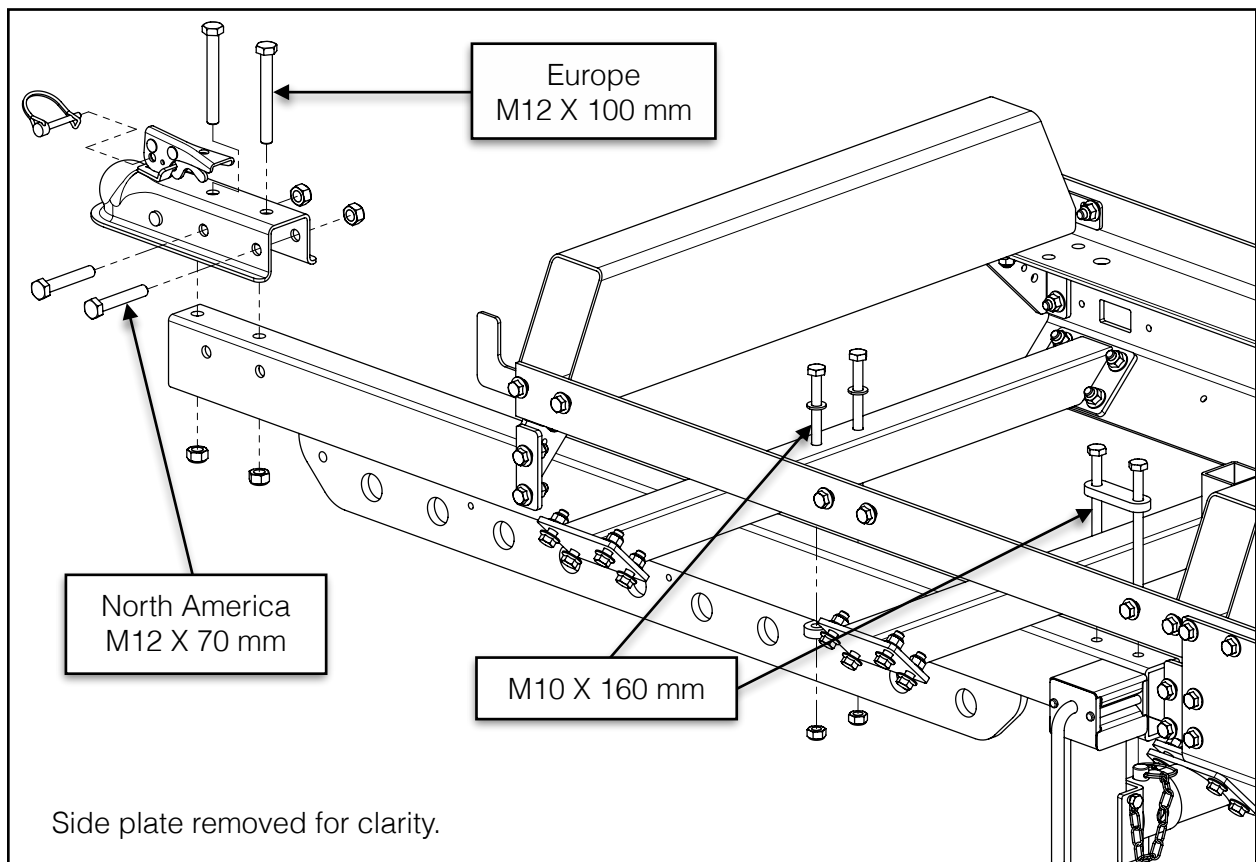
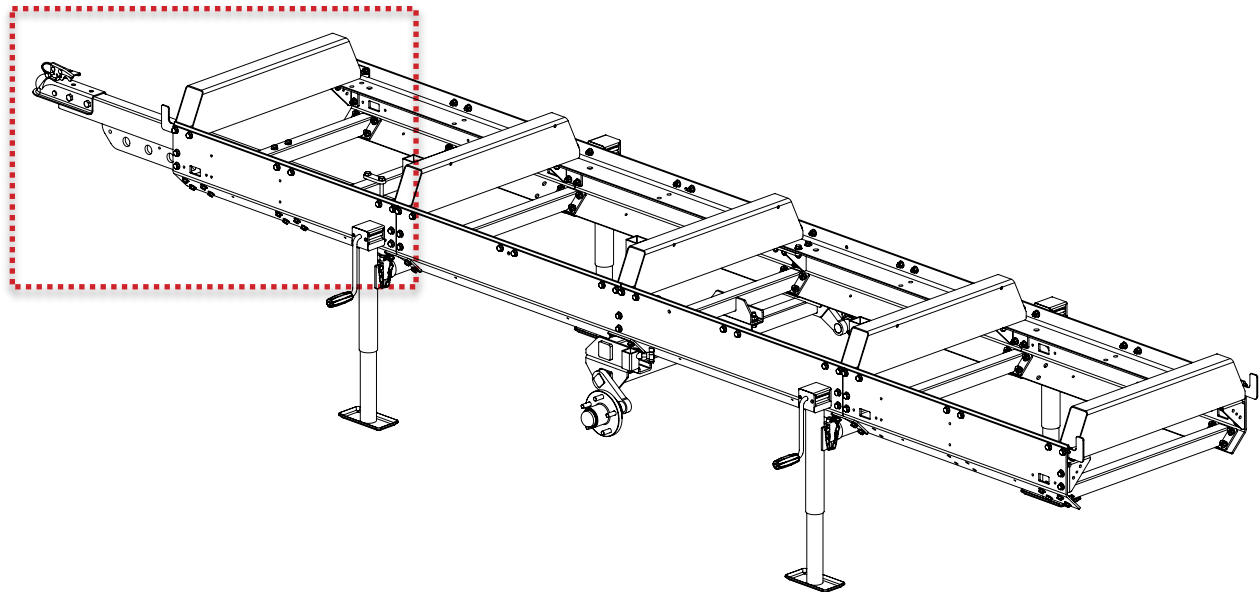


## 10. TONGUE AND COUPLER

Using the hardware listed below, install the trailer tongue and hitch coupler. Don't tighten the M10 X 160 mm bolts in this step since the plug for the lights will be routed through the tongue in the following step. Tighten the coupler bolts.

2x	M12 X 100 mm Hex Bolt <b>(Europe Only)</b>	
2x	M12 X 70 mm Hex Bolt <b>(North America)</b>	
2x	M12 Lock Nut	
4x	M10 X 160 mm Hex Bolt	
4x	M10 Flat Washer	
4x	M10 Lock Nut	
1x	Tongue	
1x	Hitch Coupler	
2x	Tongue Bracket	
1x	Locking Pin	



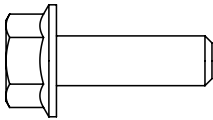
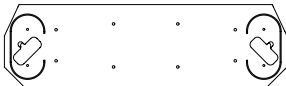
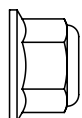
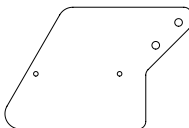
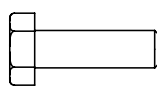
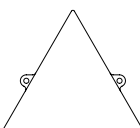

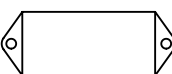


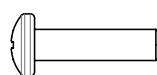
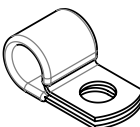

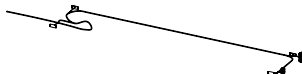
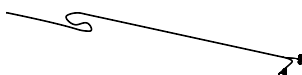


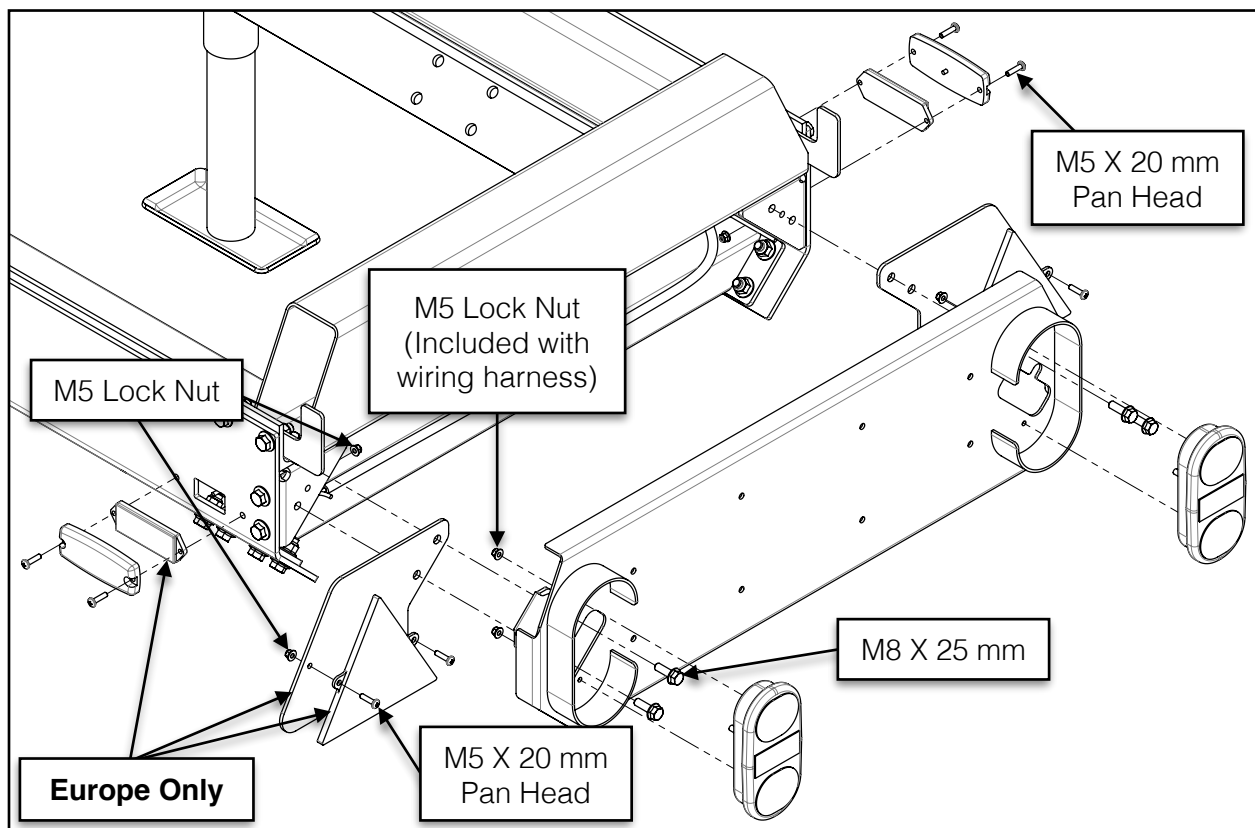
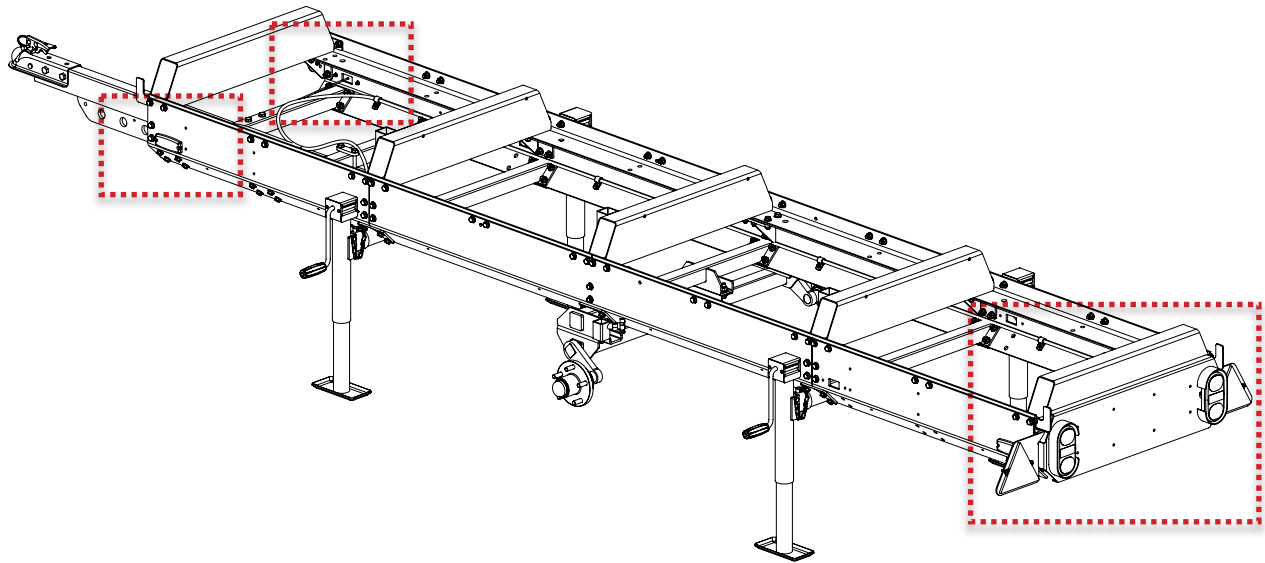


## 11. LIGHTING

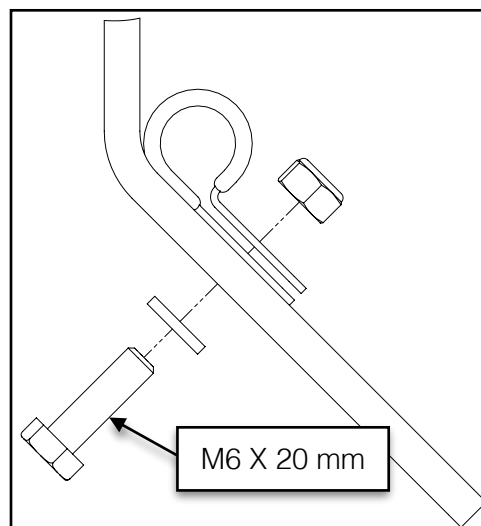
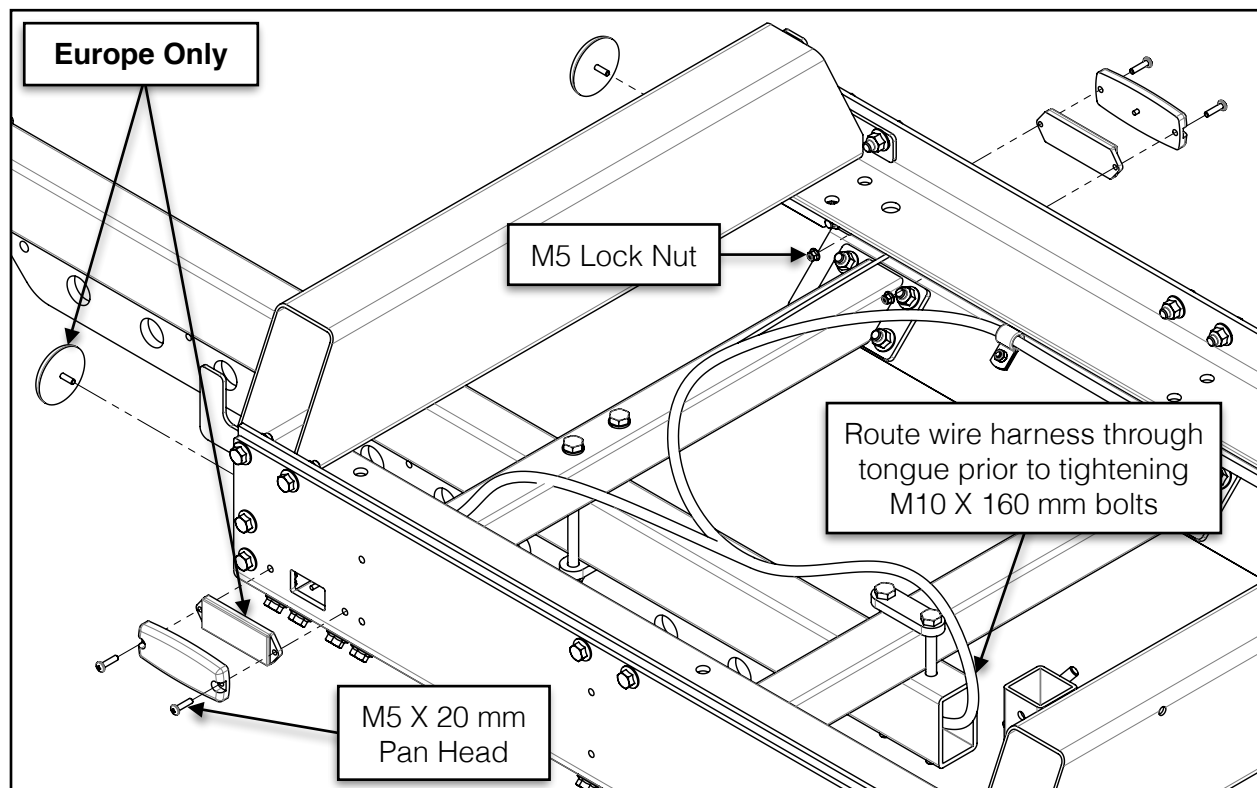
Using the hardware listed below, install the taillight bracket and country appropriate wire harness. Secure tail lights to the taillight bracket using M5 flanged lock nuts before mounting taillight bracket to trailer. Use cable clamps to secure wire harness to side plates down right-side of trailer. Tighten all bolts. The M10 X 160 mm tongue bolts from the previous step can now be tightened after wiring has been routed through the tongue.

On the European (**EU**) version, install the 4 side reflectors, 2 front reflectors, and 2 rear reflector brackets and reflectors as shown on the following pages. There are no red/amber side lights on the European wire harness like the ones included with the North American (**NA**) version.

4x	M8 X 25 mm Flanged Hex Bolt		1x	Taillight Bracket	
4x	M8 Flanged Lock Nut		2x	Rear Reflector Bracket (EU Only)	
8x	M6 X 20 mm Hex Bolt		2x	Rear Reflector (EU Only)	
8x	M6 Flat Washer		4x	Side Reflector (EU Only)	
8x	M6 Lock Nut		2x	Front Reflector (EU Only)	
12x	M5 X 20 mm Pan Head Screw (8x NA Only)		8x	Cable Clamp	
14x	M5 Flanged Lock Nut (8x NA Only)		1x	Wire Harness (NA Only)	
			1x	Wire Harness (EU Only)	



**\*\*Note: Tail lights (North America and Europe) and side lights (North America only) are integral to the wire harness. They are shown exploded for assembly clarity.\*\***

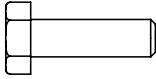





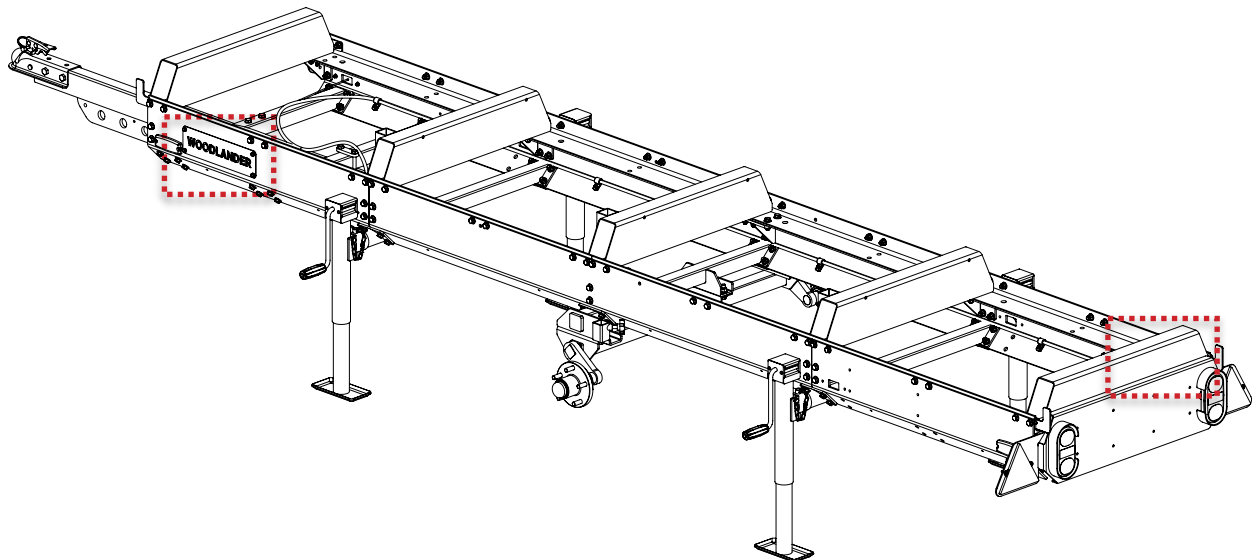
There are 2 cable clamps per short side plate (2) and 4 per long side plate (1) for a total of 8. Cable clamps are installed down the right-hand side of the trailer only. Use the M6 X 20 mm hex bolts, M6 washers, and M6 lock nuts as shown. This applies to both North American and European models.

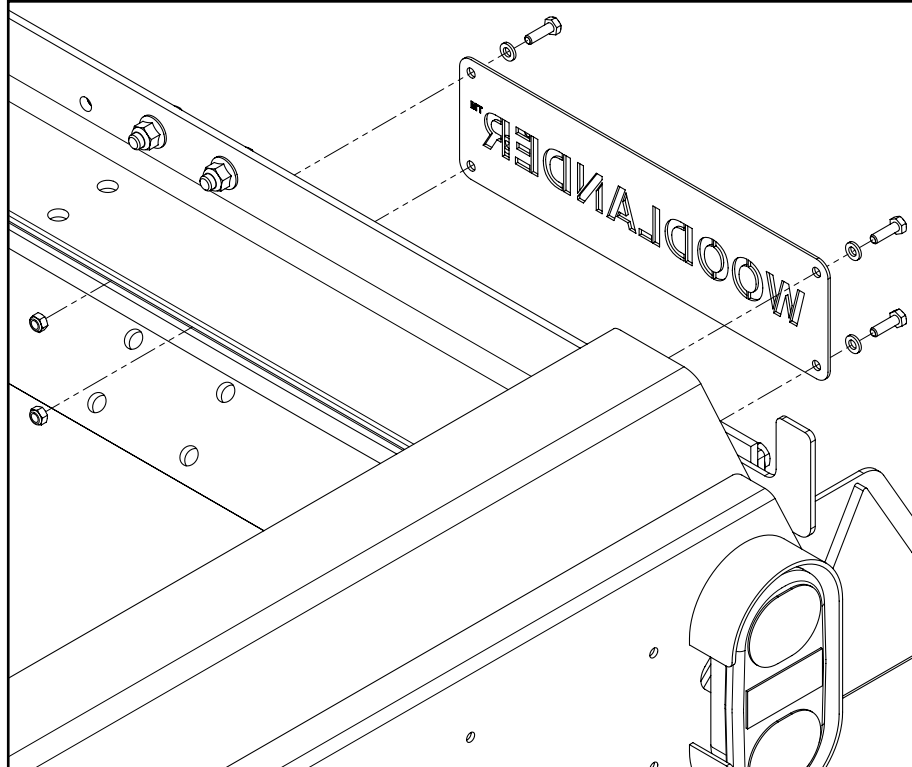
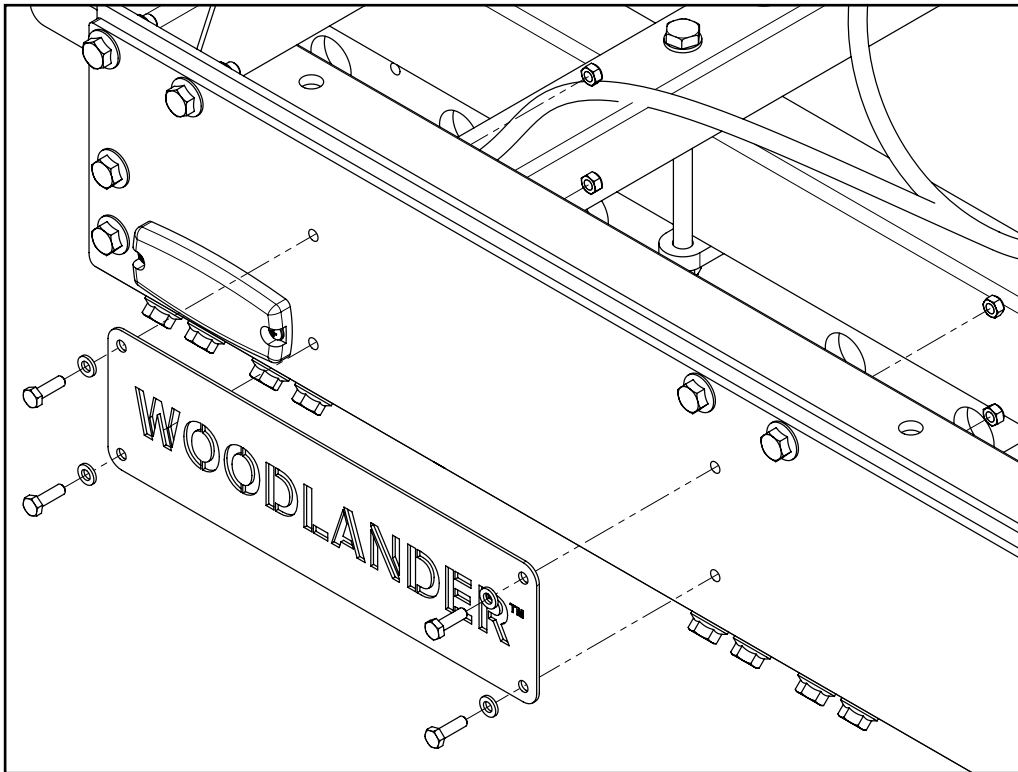


## 12. NAMEPLATES

Using the hardware listed below, install the two (2) *Woodlander* nameplates as shown.

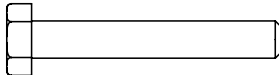
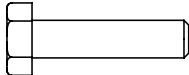


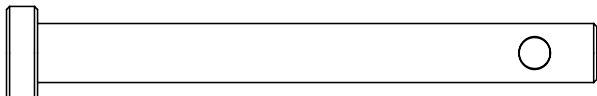
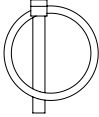
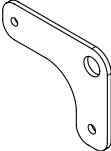

8x	M6 X 20 mm Hex Bolt		2x	Woodlander Nameplate	
8x	M6 Flat Washer				
8x	M6 Lock Nut				



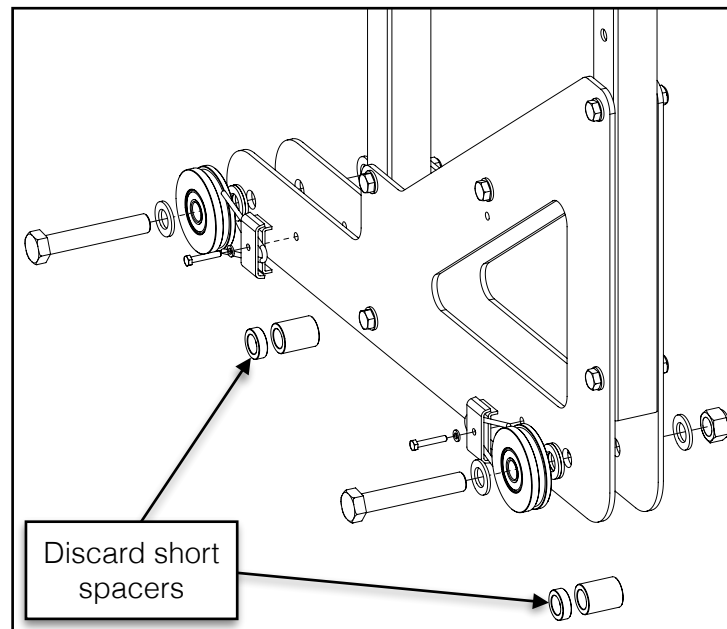


### 13. HEAD LOCK-DOWN PLATES

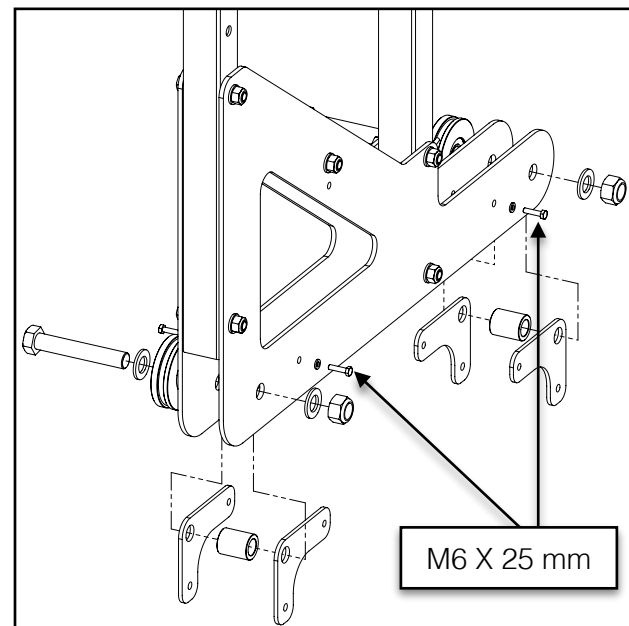
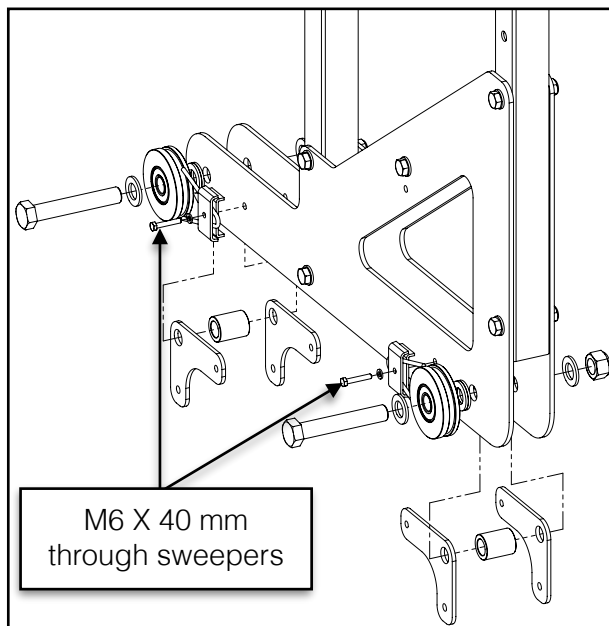
Place the assembled sawhead on the trailer. Using the hardware listed below, install the head lock down plates as shown on the next page.

4x	M6 X 40 mm Hex Bolt	
4x	M6 X 25 mm Hex Bolt	
16x	M6 Flat Washer	
8x	M6 Lock Nut	
4x	Lock-Down Pin	
4x	Linch Pin	
8x	Head Lock- Down Plate	
1x	10 mm Drill Bit	

Remove the eight (8) spacers from the carriage wheel axles and discard the four (4) short spacers. Only the four (4) tall spacers will be reused in the next steps.

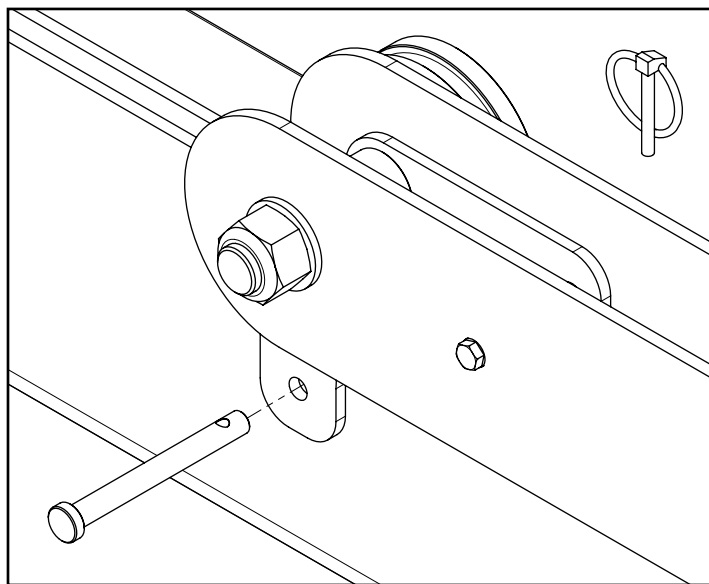
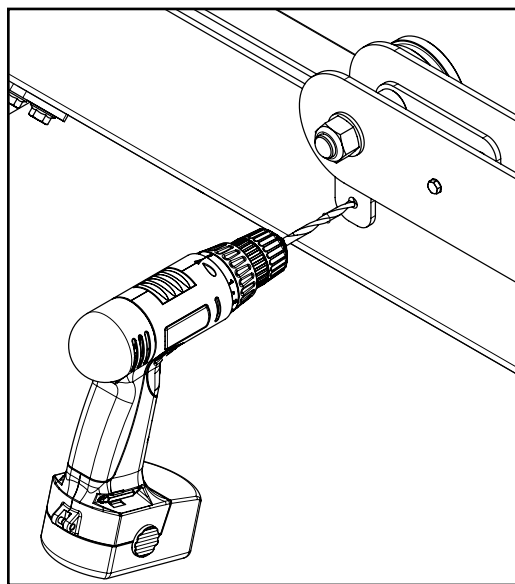
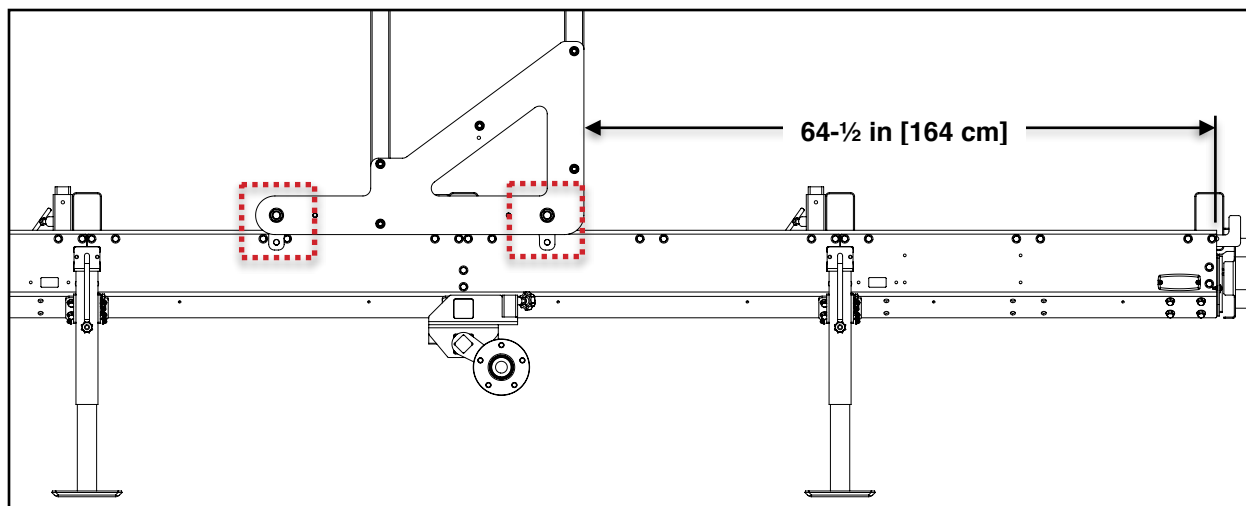


Using the provided M6 X 40 mm and M6 X 25 mm bolts, install the lock-down plates in place of the short spacers with the taller spacer sandwiched between. Reuse the four (4) M6 flat washers from the wheel sweepers on the sawmill when replacing the bolts.



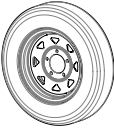
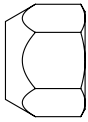


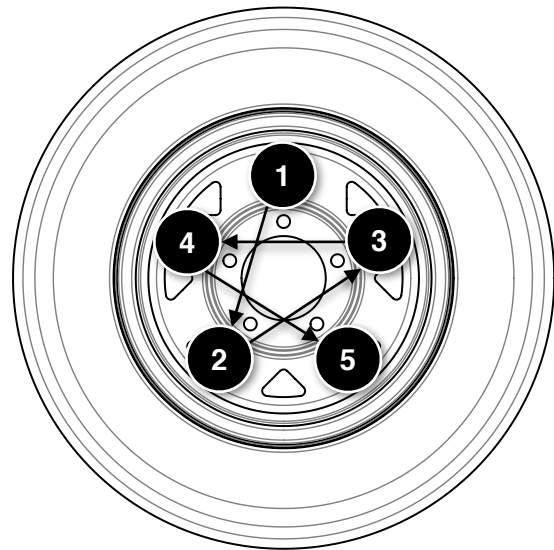
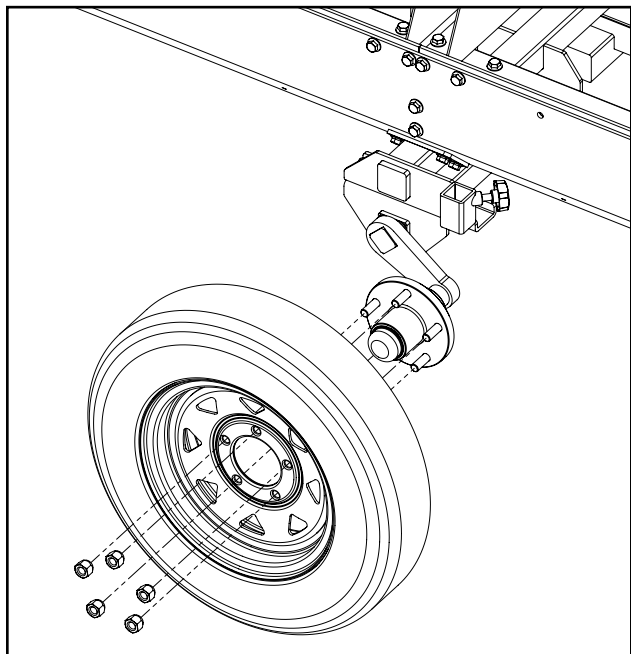
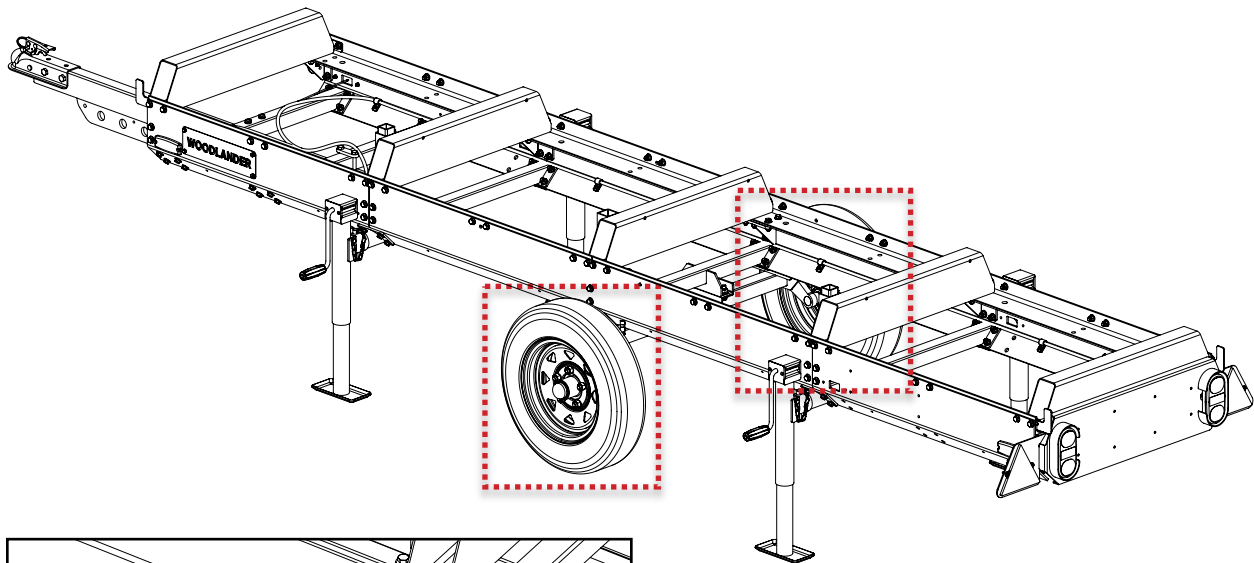
Drill four (4) holes for the lock-down plates using the provided 10 mm [ $\frac{3}{8}$  in] drill bit. Measure 64- $\frac{1}{2}$  in [164 cm] from the rear edge of the track rail (*not* the carriage stop) to the rear post of the sawhead. Insert a locking pin into each hole as they are drilled. Secure each locking pin with a linch pin.



## 14. WHEELS

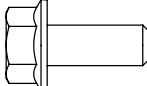
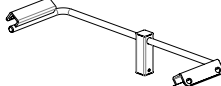


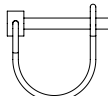
Using the hardware listed below, install the tires on the axles. Using a torque wrench, torque the lug nuts to 80 ft•lb / 110 N•m following the pattern shown below.

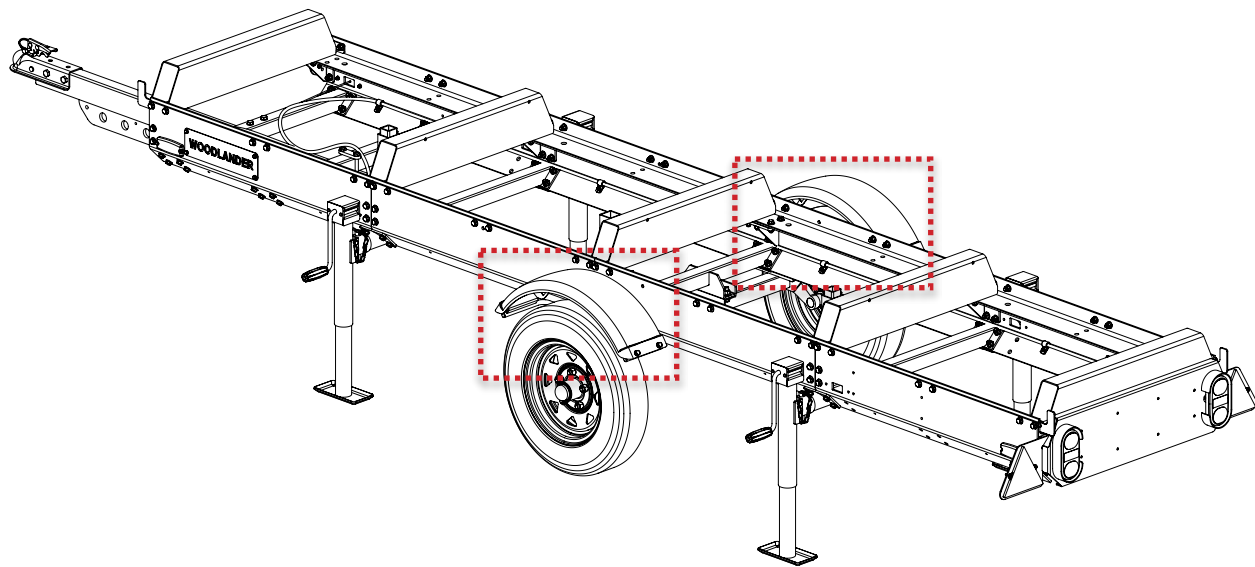
2x	5.30-12 Wheel		10x	1/2-20 Lug Nut	
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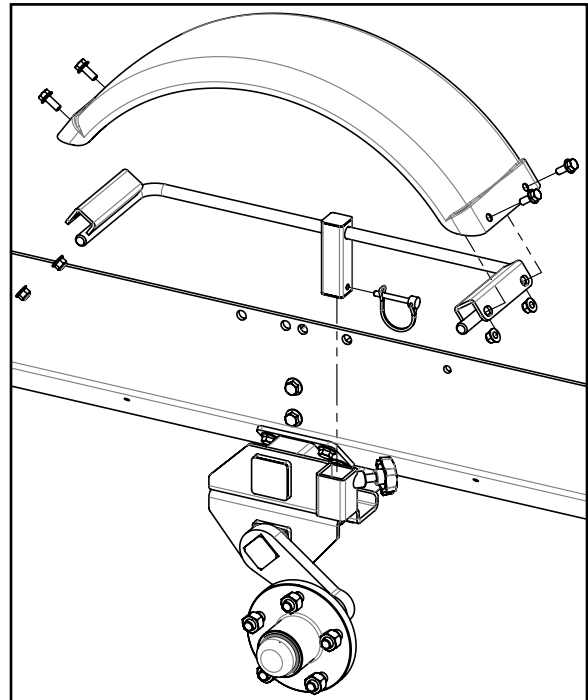
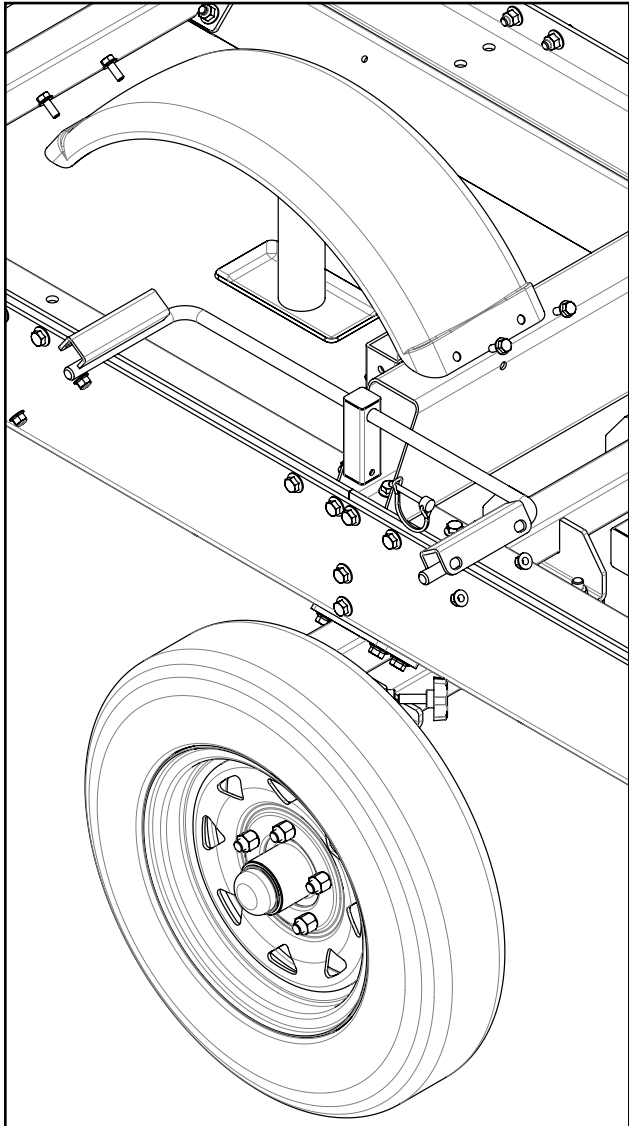


## 15. FENDERS

Using the hardware listed below, assemble the fenders to the fender brackets. Tighten these bolts. Slide the post on the fender bracket into the sleeve on the axle mount and insert the locking pin through the hole located at the bottom of the fender bracket post. Secure the fender/fender bracket sub-assembly by tightening the two (2) M10 X 30 mm knobs.

8x	M8 X 20 mm Flanged Hex Bolt		2x	Fender Bracket	
8x	M8 Flanged Lock Nut		2x	Fender	
			2x	Locking Pin	

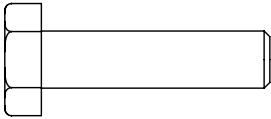
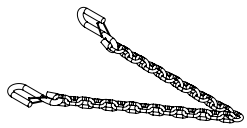
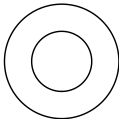
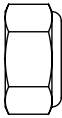


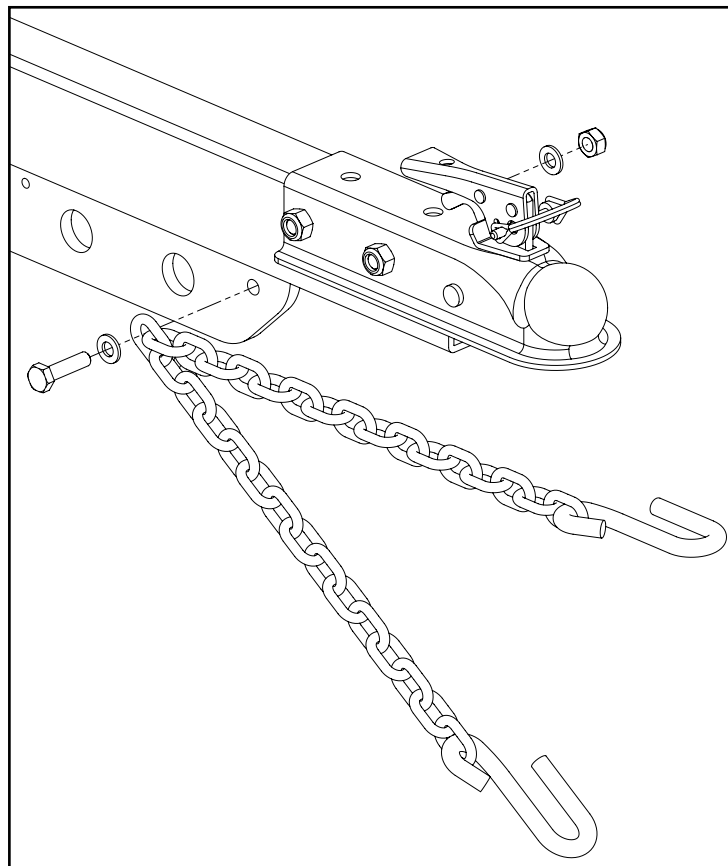


Some components  
removed for clarity

## 16. SAFETY CHAIN

Using the hardware below, install the safety chain on the trailer tongue.

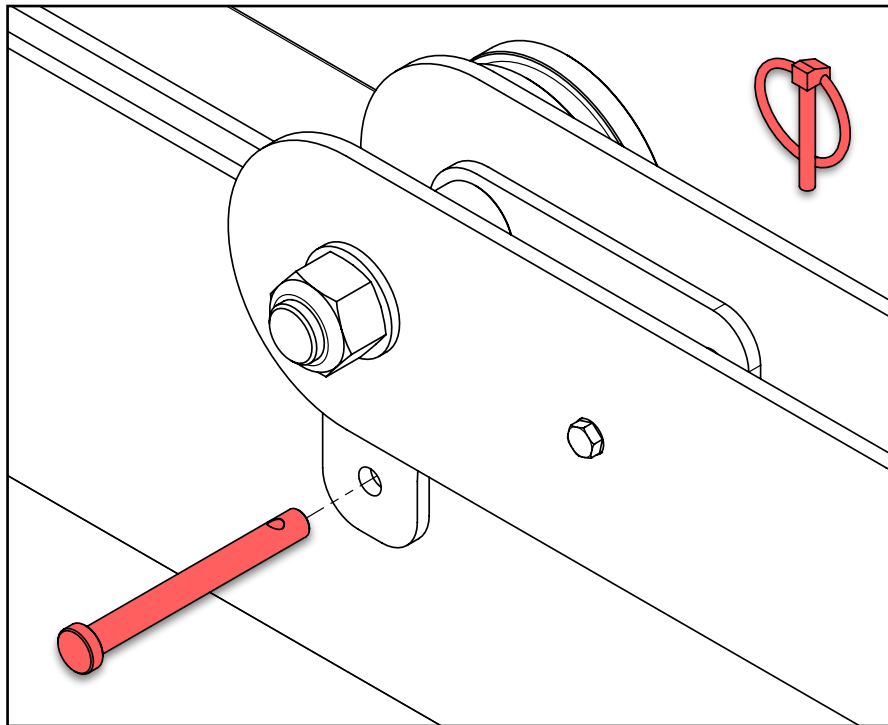
1x	M10 X 40 mm Hex Bolt		1x	Safety Chain	
2x	M10 Flat Washer				
1x	M10 Lock Nut				



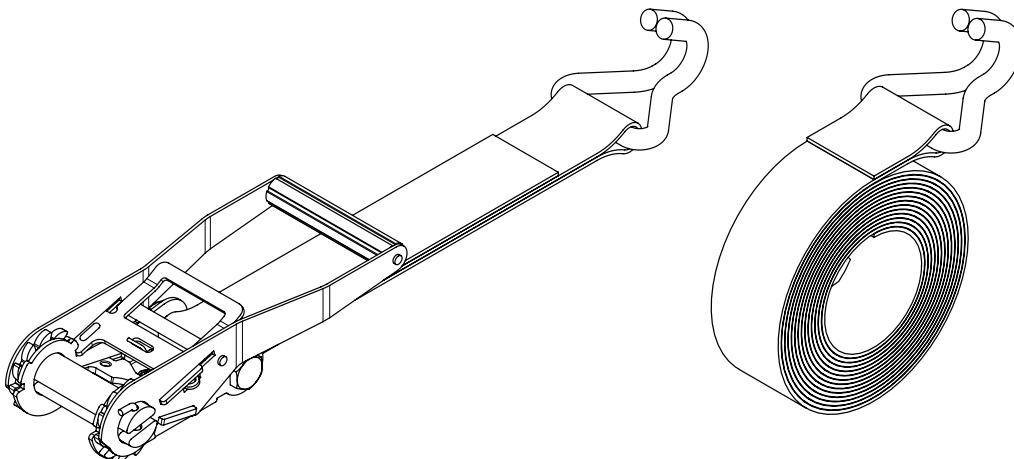
## OPERATION

### LOCKING-DOWN THE SAWMILL HEAD

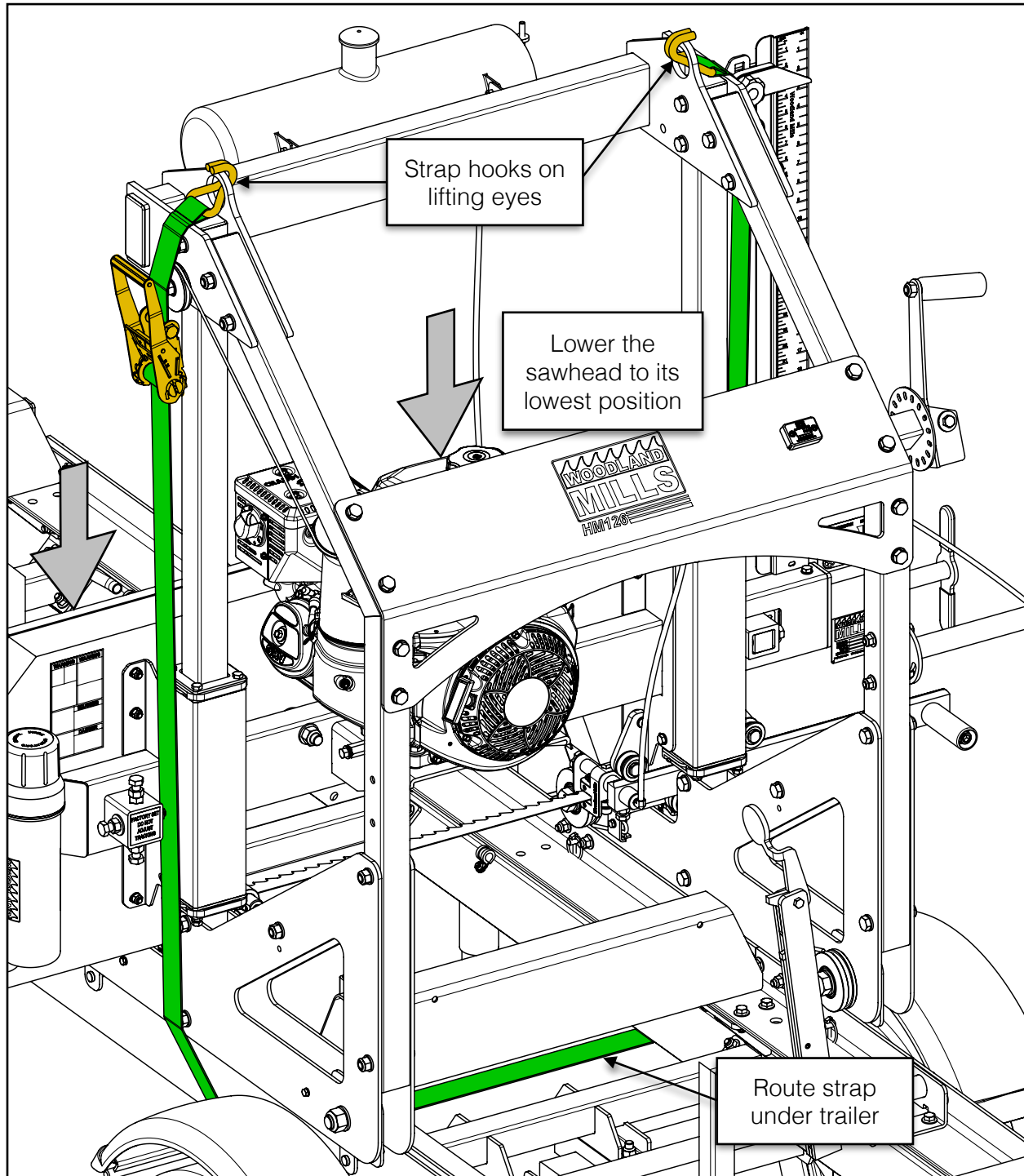
When transporting the trailer, it is imperative that the sawmill head is locked-down securely to the trailer. Start by inserting the four (4) locking pins through the lock-down brackets and secure them with linch pins.



Next, route the included ratchet strap (shown below) around the sawmill and trailer to fully lock-down the sawmill head as shown on the next page.



Lower the sawhead to its lowest position. Then insert the short strap hook into the cross beam lifting eye on one side of the sawmill, route the long strap down and under the bottom of the trailer, then up to the opposite lifting eye. Ratchet the strap tight until there is no slack.





## NORTH AMERICAN PARTS LIST

Item	Quantity		Part No.	Description
	HM126 HM130	HM130 MAX		
1	4	4	0001373	GUSSET, END
2	6	6	0001374	GUSSET, JOINING
3	2	2	0001363	SIDE PLATE, LONG
4	4	4	0001364	SIDE PLATE, SHORT
5	4	-	0001369	CROSS BEAM
	-	4	0002900	CROSS BEAM, MAX
6	1	-	0001370	CROSS BEAM, FRONT
	-	1	0002899	CROSS BEAM, FRONT, MAX
7	4	4	0001376	JACK MOUNT
8	4	4	0001385	JACK STAND
9	1	-	0001679	CROSS BEAM, AXLE
	-	1	0002898	CROSS BEAM, AXLE, MAX
10	1	1	0001680	AXLE MOUNT W/ FENDER ADAPTER, LEFT
11	1	1	0001681	AXLE MOUNT W/ FENDER ADAPTER, RIGHT
12	2	2	0001683	BRACKET, METAL FENDER, 750/850/1000 kg AXLE
13	2	2	0001684	METAL FENDER, 5.30-12 WHEEL
14	2	2	0001698	KNOB, MULTI-LOBE, 48 mm OD, M10 X 1.5, 30 mm LG
15	3	3	0004728	LOCKING PIN, ROUND, 1/4 in DIA, 1-3/8 in USEABLE LG
16	1	1	0004528	AXLE, LEFT, 1000 kg
17	1	1	0004527	AXLE, RIGHT, 1000 kg
18	2	2	0004762	ROTARY SHAFT SEAL, SPRING-LOADED, WIPER LIP, 30 mm SHAFT, 50 mm OD
19	2	2	0004753	COTTER PIN, 5/32 in DIA, 1-1/2 in LG
20	2	2	0001439	WHEEL HUB DUST COVER, M12 LUGS
21	6	6	0001682	AXLE SHIM PLATE, 3 mm THK
22	1	1	0001371	TONGUE
23	2	2	0001372	TONGUE BRACKET
24	1	1	0001381	HITCH BALL COUPLER, 2 in [50.8 mm] BALL, NA
26	1	1	0001382	SAFETY CHAIN
27	1	-	0001375	TAILLIGHT BRACKET
	-	1	0002901	TAILLIGHT BRACKET, MAX
28	8	8	0001396	CABLE CLAMP, 1/2 in ID, 1-3/4 in LG
29	1	1	0001676-1	LIGHTING WIRING HARNESS, WOODLANDER, NA
35	2	2	0001886	WOODLANDER NAMEPLATE
36	8	8	0001990	HEAD LOCK-DOWN PLATE
37	4	4	0001394	LOCK-DOWN PIN
38	4	4	0004720	LINCH PIN, 3/16 in DIA, 1 in USEABLE LG
39	1	1	0004742	DRILL BIT, 10 mm, JOBBERS LG
40	1	1	0005146	RATCHET STRAP, 50 mm WD, 4500 mm LG
41	2	2	5.30-12	WHEEL, 5.30-12
42	4	4	L44649	ROLLER BEARING, TAPERED, L44649, 1-1/16 in SHAFT, 1-3/64 in OD, .56 in WIDE
43	16	16	HDW	HEX BOLT, M6 X 1, 20 mm LG
44	4	4	HDW	HEX BOLT, M6 X 1, 25 mm LG
45	4	4	HDW	HEX BOLT, M6 X 1, 40 mm LG





Item	Quantity		Part No.	Description
	HM126 HM130	HM130 MAX		
46	1	1	HDW	HEX BOLT, M10 X 1.5, 40 mm LG
47	4	4	HDW	HEX BOLT, M10 X 1.5, 160 mm LG, 26 mm LG THD
48	2	2	HDW	HEX BOLT, M12 X 1.75, 70 mm LG, 30 mm LG THD
50	8	8	HDW	HEX BOLT, FLANGED, M8 X 1.25, 20 mm LG
51	4	4	HDW	HEX BOLT, FLANGED, M8 X 1.25, 25 mm LG
52	116	116	HDW	HEX BOLT, FLANGED, M10 X 1.5, 30 mm LG
53	32	32	HDW	HEX BOLT, FLANGED, M10 X 1.5, 35 mm LG
54	8	8	HDW	HEX BOLT, FLANGED, M10 X 1.5, 40 mm LG
55	8	8	HDW	HEX BOLT, FLANGED, M12 X 1.75, 35 mm LG
56	8	8	HDW	SCREW, PPH, M5 X 0.8, 20 mm LG
57	28	28	HDW	FLAT WASHER, M6
58	6	6	HDW	FLAT WASHER, M10
59	24	24	HDW	LOCK NUT, M6 X 1
60	5	5	HDW	LOCK NUT, M10 X 1.5
61	2	2	HDW	LOCK NUT, M12 X 1.75
62	8	8	HDW	LOCK NUT, FLANGED, M5 X 0.8
63	12	12	HDW	LOCK NUT, FLANGED, M8 X 1.25
64	156	156	HDW	LOCK NUT, FLANGED, M10 X 1.5
65	8	8	HDW	LOCK NUT, FLANGED, M12 X 1.75
66	2	2	HDW	LOCK NUT, SLOTTED, M24 X 1.5, 16 mm THK
67	10	10	HDW	LUG NUT, M12 X 1.5



## EUROPEAN PARTS LIST

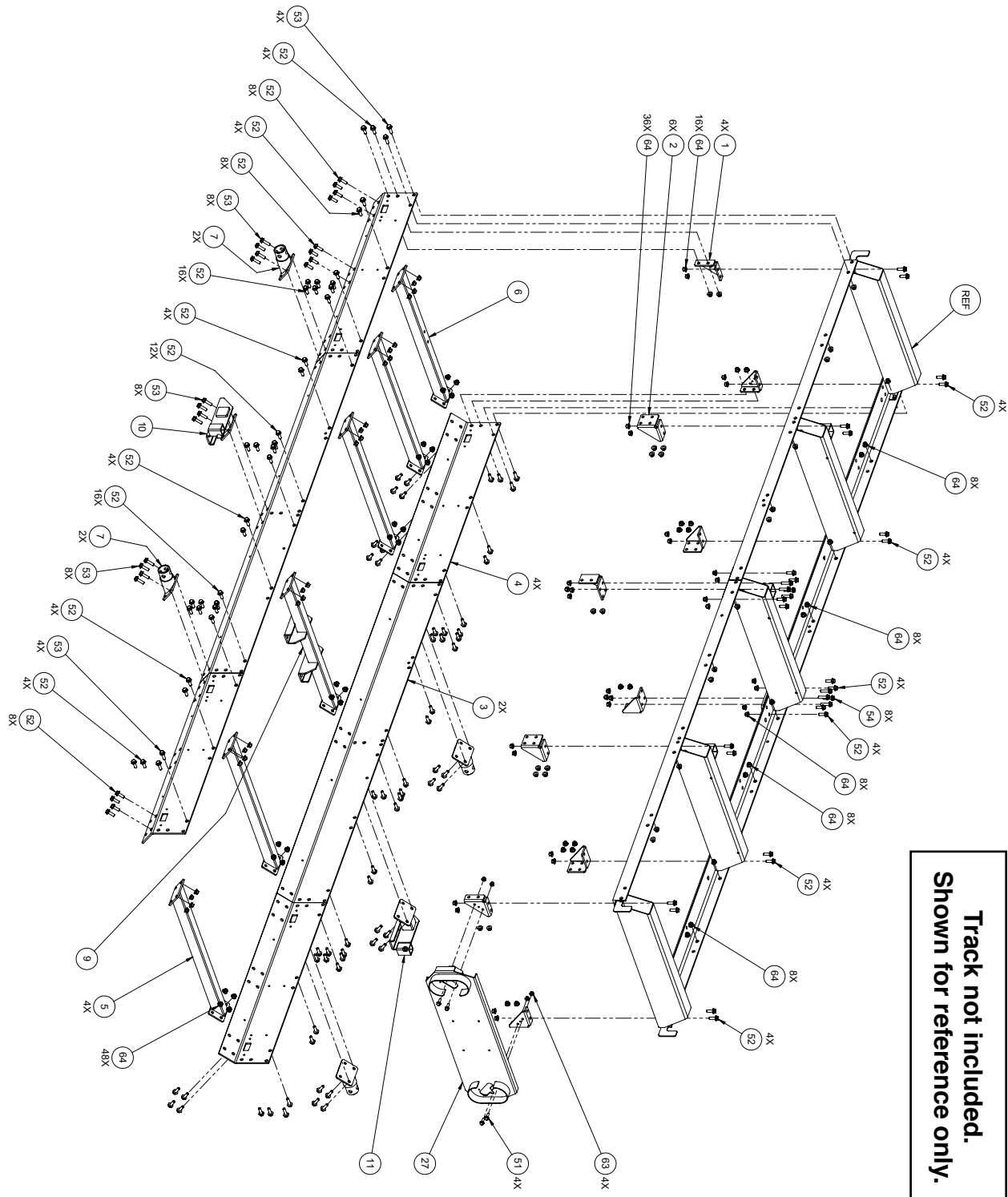
Item	Quantity		Part No.	Description
	HM126 HM130	HM130 MAX		
1	4	4	0001373	GUSSET, END
2	6	6	0001374	GUSSET, JOINING
3	2	2	0001363	SIDE PLATE, LONG
4	4	4	0001364	SIDE PLATE, SHORT
5	4	-	0001369	CROSS BEAM
	-	4	0002900	CROSS BEAM, MAX
6	1	-	0001370	CROSS BEAM, FRONT
	-	1	0002899	CROSS BEAM, FRONT, MAX
7	4	4	0001376	JACK MOUNT
8	4	4	0001385	JACK STAND
9	1	-	0001679	CROSS BEAM, AXLE
	-	1	0002898	CROSS BEAM, AXLE, MAX
10	1	1	0001680	AXLE MOUNT W/ FENDER ADAPTER, LEFT
11	1	1	0001681	AXLE MOUNT W/ FENDER ADAPTER, RIGHT
12	2	2	0001683	BRACKET, METAL FENDER, 750/850/1000 kg AXLE
13	2	2	0001684	METAL FENDER, 5.30-12 WHEEL
14	2	2	0001698	KNOB, MULTI-LOBE, 48 mm OD, M10 X 1.5, 30 mm LG
15	2	2	0004728	LOCKING PIN, ROUND, 1/4 in DIA, 1-3/8 in USEABLE LG
16	1	1	0004528	AXLE, LEFT, 1000 kg
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18	2	2	0004762	ROTARY SHAFT SEAL, SPRING-LOADED, WIPER LIP, 30 mm SHAFT, 50 mm OD
19	2	2	0004753	COTTER PIN, 5/32 in DIA, 1-1/2 in LG
20	2	2	0001439	WHEEL HUB DUST COVER, M12 LUGS
21	6	6	0001682	AXLE SHIM PLATE, 3 mm THK
22	1	1	0001371	TONGUE
23	2	2	0001372	TONGUE BRACKET
25	1	1	0001702	HITCH BALL COUPLER, 50 mm [2 in] BALL, EU
26	1	1	0001382	SAFETY CHAIN
27	1	-	0001375	TAILLIGHT BRACKET
	-	1	0002901	TAILLIGHT BRACKET, MAX
28	8	8	0001396	CABLE CLAMP, 1/2 in ID, 1-3/4 in LG
30	1	1	0001676-2	LIGHTING WIRING HARNESS, WOODLANDER, EU
31	2	2	0001379	TRIANGLE REFLECTOR BRACKET, EU
32	2	2	0001390	REAR REFLECTOR, RED, EU
33	4	4	0001391	SIDE REFLECTOR, AMBER, EU
34	2	2	0001392	FRONT REFLECTOR, WHITE, EU
35	2	2	0001886	WOODLANDER NAMEPLATE
36	8	8	0001990	HEAD LOCK-DOWN PLATE
37	4	4	0001394	LOCK-DOWN PIN
38	4	4	0004720	LINCH PIN, 3/16 in DIA, 1 in USEABLE LG
39	1	1	0004742	DRILL BIT, 10 mm, JOBBERS LG
40	1	1	0005146	RATCHET STRAP, 50 mm WD, 4500 mm LG
41	2	2	5.30-12	WHEEL, 5.30-12



Item	Quantity		Part No.	Description
	HM126 HM130	HM130 MAX		
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43	16	16	HDW	HEX BOLT, M6 X 1, 20 mm LG
44	4	4	HDW	HEX BOLT, M6 X 1, 25 mm LG
45	4	4	HDW	HEX BOLT, M6 X 1, 40 mm LG
46	1	1	HDW	HEX BOLT, M10 X 1.5, 40 mm LG
47	4	4	HDW	HEX BOLT, M10 X 1.5, 160 mm LG, 26 mm LG THD
49	2	2	HDW	HEX BOLT, M12 X 1.75, 100 mm LG, 30 mm LG THD
50	8	8	HDW	HEX BOLT, FLANGED, M8 X 1.25, 20 mm LG
51	4	4	HDW	HEX BOLT, FLANGED, M8 X 1.25, 25 mm LG
52	116	116	HDW	HEX BOLT, FLANGED, M10 X 1.5, 30 mm LG
53	32	32	HDW	HEX BOLT, FLANGED, M10 X 1.5, 35 mm LG
54	8	8	HDW	HEX BOLT, FLANGED, M10 X 1.5, 40 mm LG
55	8	8	HDW	HEX BOLT, FLANGED, M12 X 1.75, 35 mm LG
56	12	12	HDW	SCREW, PPH, M5 X 0.8, 20 mm LG
57	28	28	HDW	FLAT WASHER, M6
58	6	6	HDW	FLAT WASHER, M10
59	24	24	HDW	LOCK NUT, M6 X 1
60	5	5	HDW	LOCK NUT, M10 X 1.5
61	2	2	HDW	LOCK NUT, M12 X 1.75
62	14	14	HDW	LOCK NUT, FLANGED, M5 X 0.8
63	12	12	HDW	LOCK NUT, FLANGED, M8 X 1.25
64	156	156	HDW	LOCK NUT, FLANGED, M10 X 1.5
65	8	8	HDW	LOCK NUT, FLANGED, M12 X 1.75
66	2	2	HDW	LOCK NUT, SLOTTED, M24 X 1.5, 16 mm THK
67	10	10	HDW	LUG NUT, M12 X 1.5

# EXPLODED ASSEMBLY VIEWS

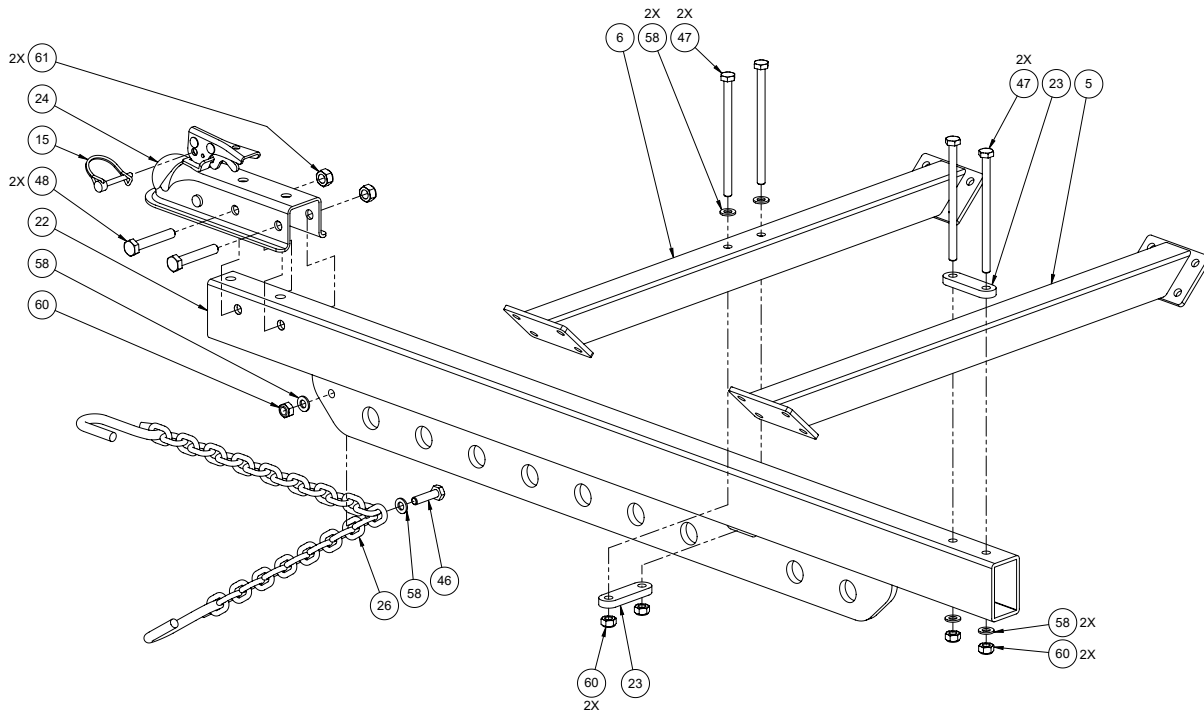
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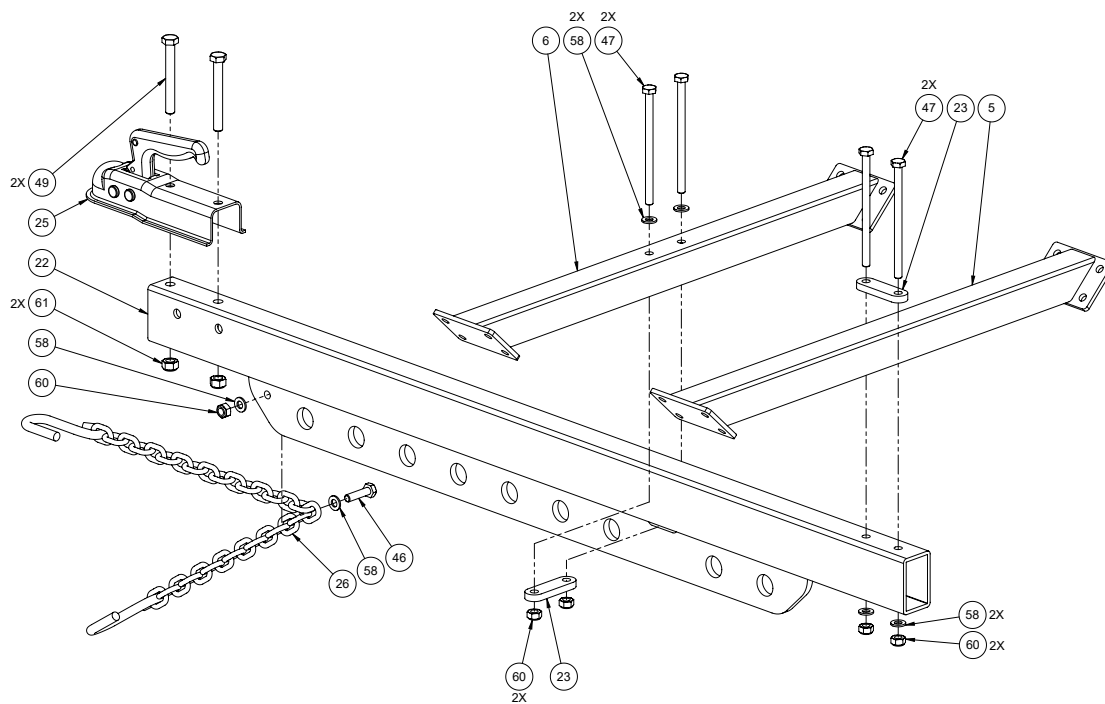


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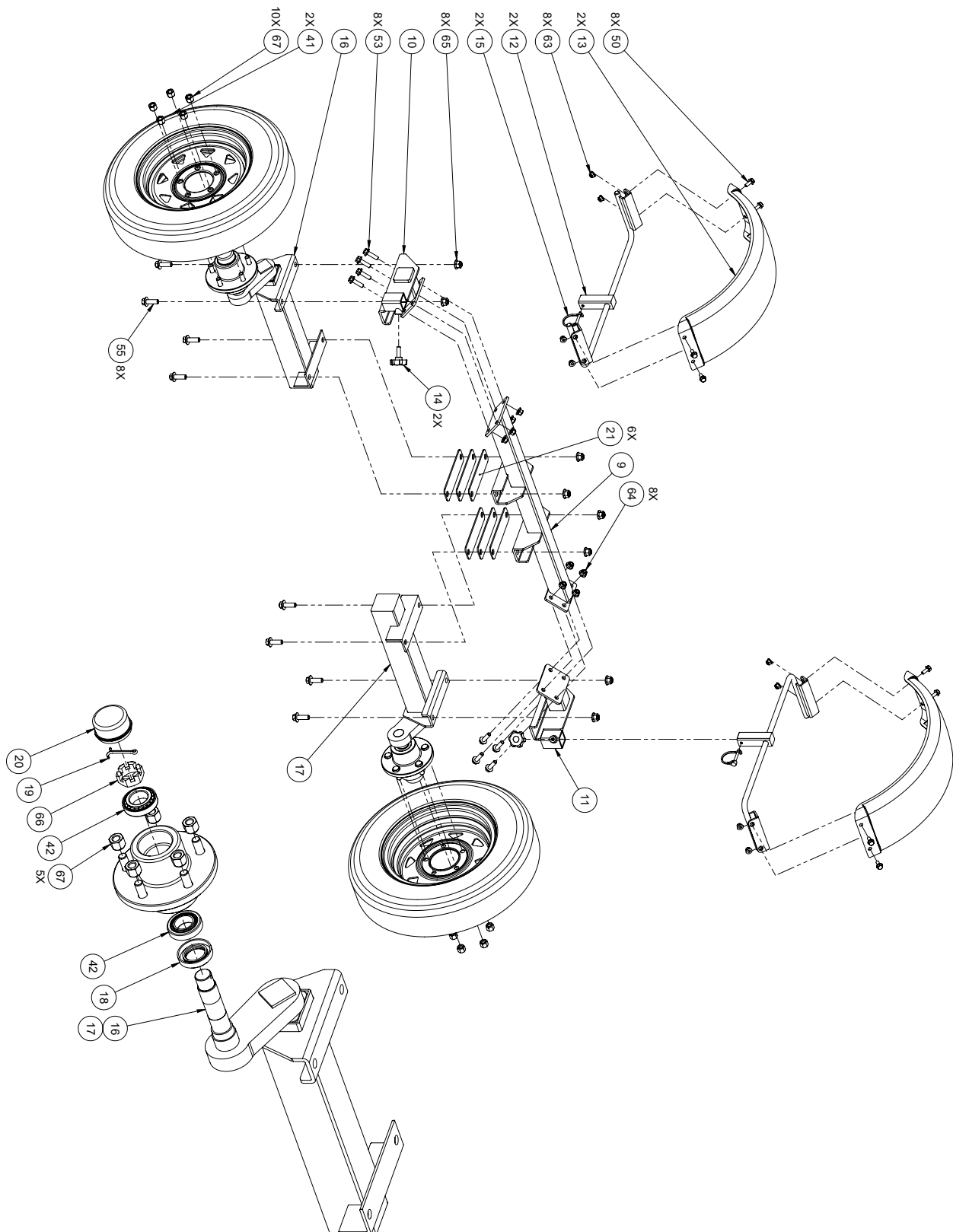
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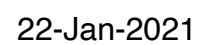
## EUROPE



## AXLES, WHEELS, AND FENDERS

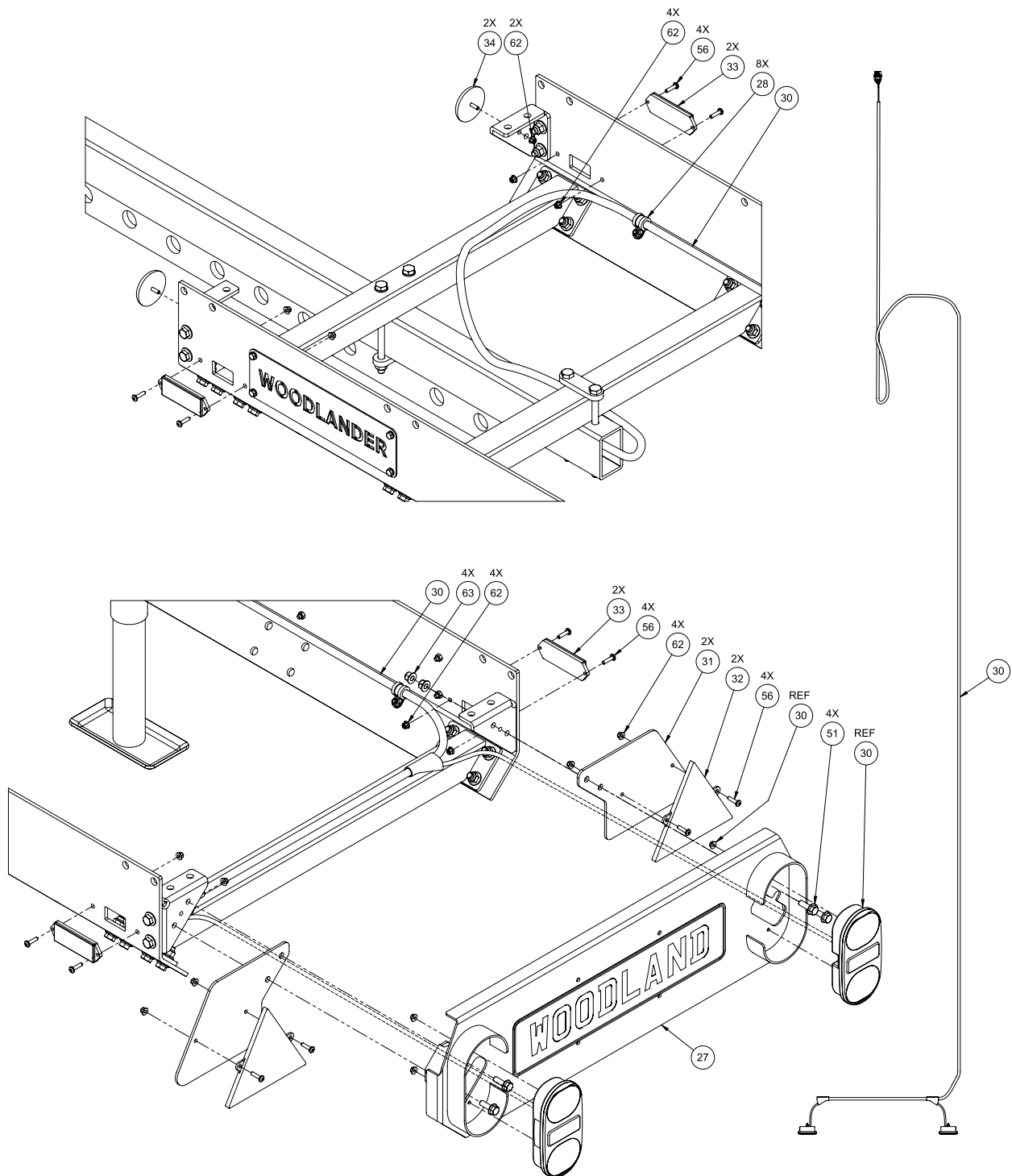


## NORTH AMERICA





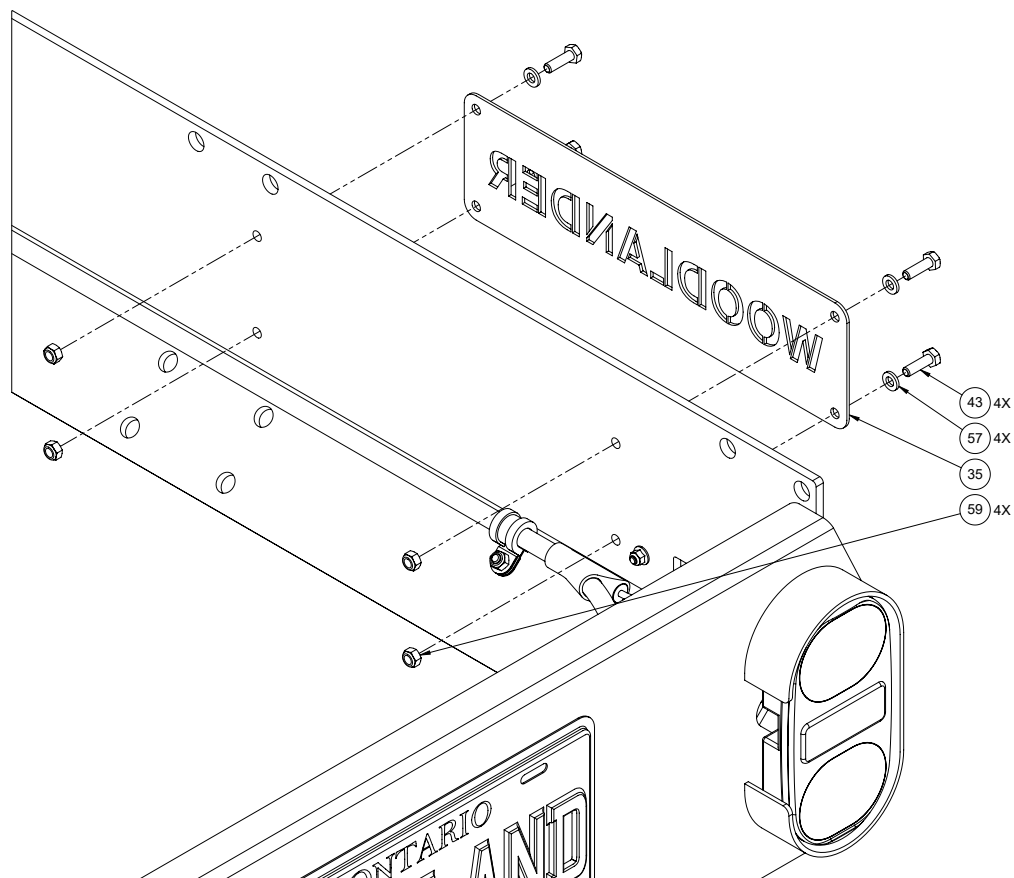
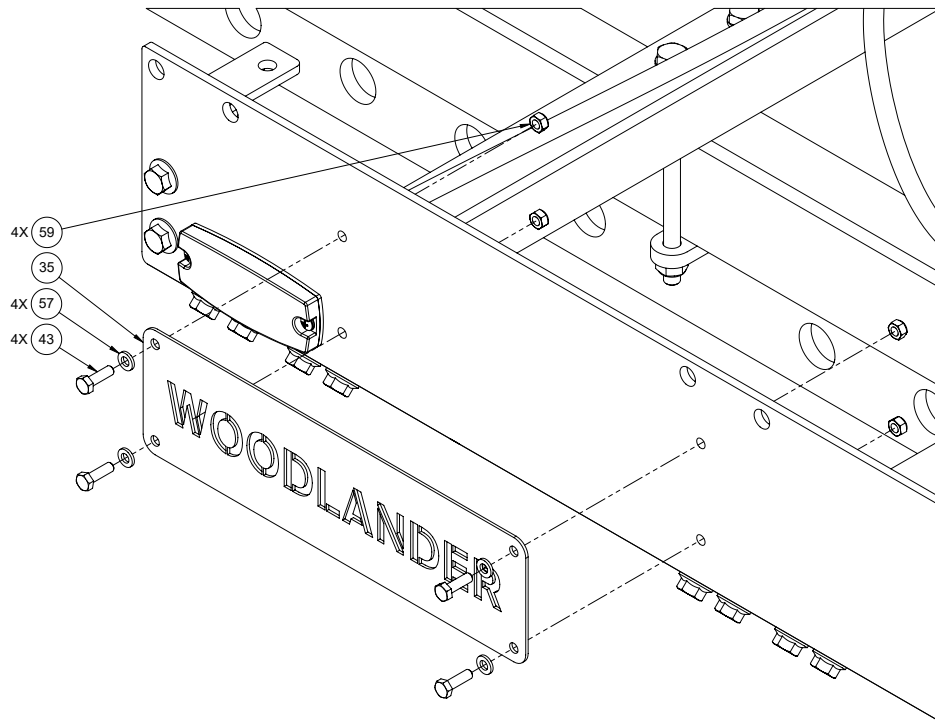
# EUROPE





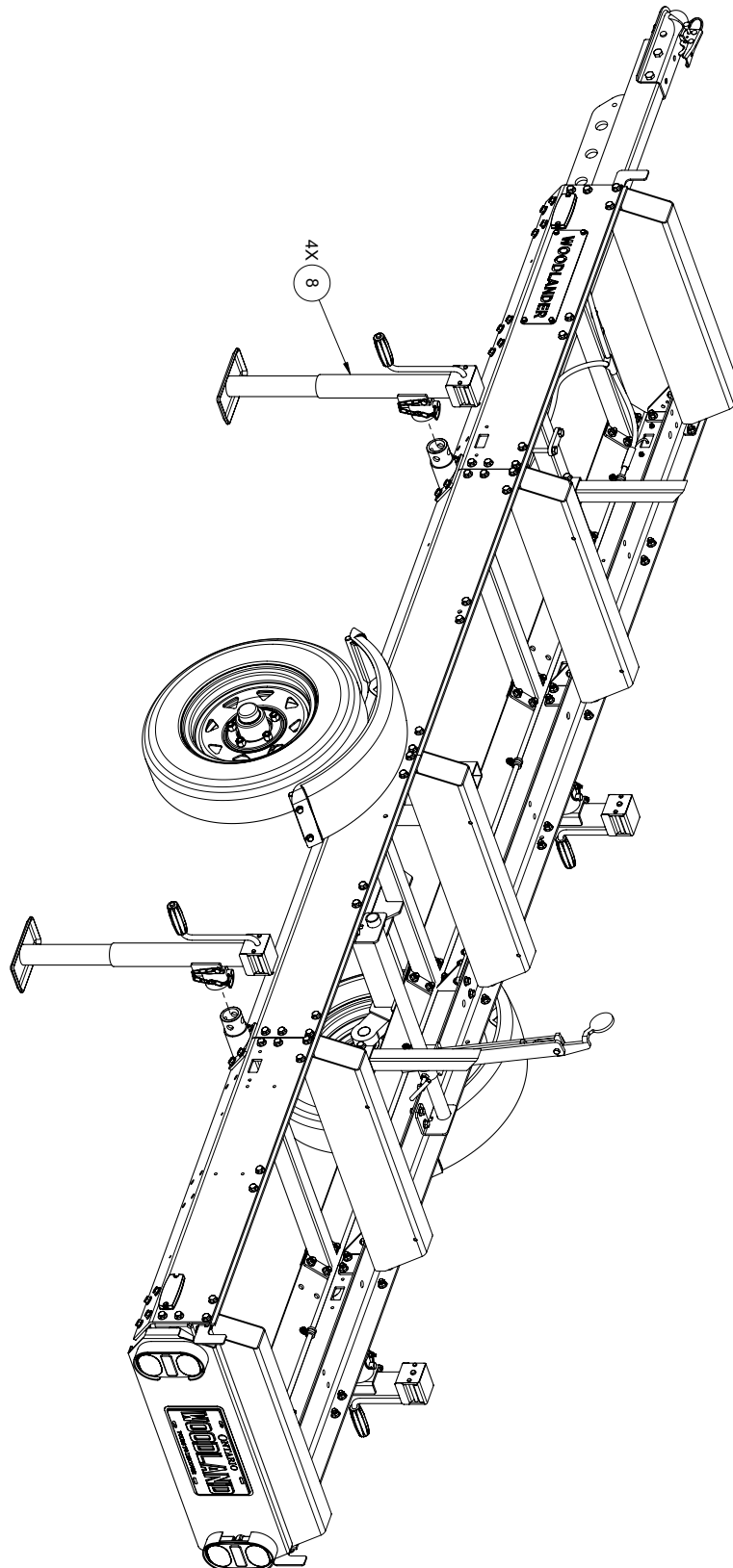


## NAMEPLATES

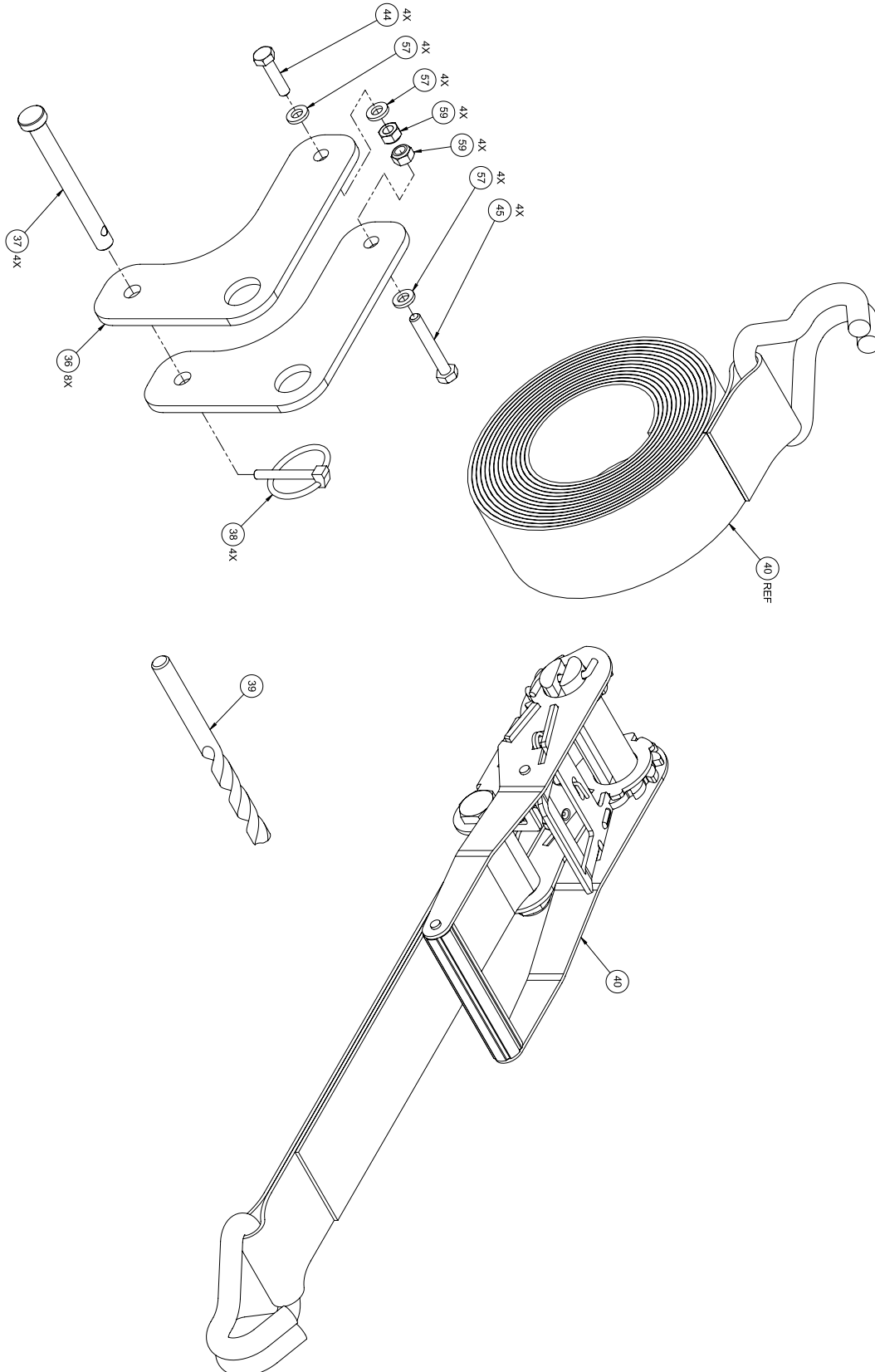




## JACKS



## HEAD LOCK-DOWN





NOTES

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