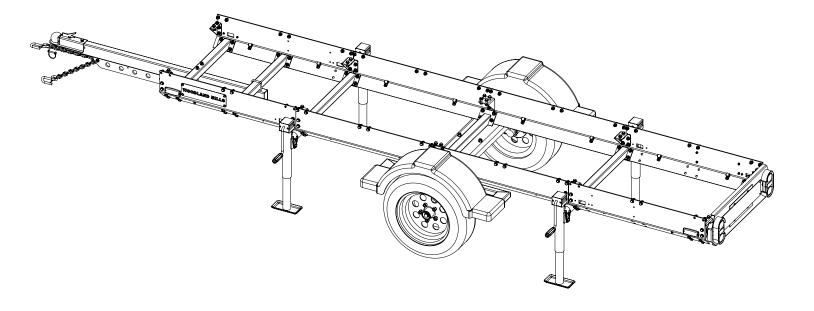
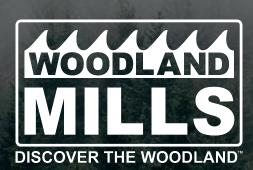
WOODLANDER[™] SAWMILL TRAILER



OPERATOR'S MANUAL



The Woodlander[™] is compatible with HM126 and HM130 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 trailer so you will be able to use it properly. The entire manual must be read and understood before you start using the trailer. If any questions should arise that are not covered by this manual, please contact Woodland Mills Inc.

trailer. If you r	noment to record the following information about your sawmil need to call for assistance, please be ready to provide you ial numbers. This information will allow us to help you more
MODEL NUME	BER
SERIAL NUM	BER
DATE OF PUR	CHASE

This trailer is designed for certain applications only. We strongly recommend that this trailer is not 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 us to determine if it can or should be performed on the product.

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



INTENDED USE

This trailer is designed to hold an HM126 or HM130 sawmill and its track system for sawing 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.

TECHNICAL SPECIFICATIONS

ITEM	DESCRIPTION
Wheel Nut Torque	80 ft-lbs / 110 Nm
Tire Size	195/60/14
Tire Pressure	Refer to Tire
Tow Ball Size	2" / 50.8mm

GENERAL SAFETY RULES



WARNING!

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



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.

SAVE THESE INSTRUCTIONS



BOLT TORQUE SPECIFICATIONS

ITEM	DESCRIPTION
M5	78 in-lbs / 9 Nm
M6	133 in-lbs / 15 Nm
M8	333 in-lbs / 38 Nm
M10	53 ft-lbs / 72 Nm
M12	93 ft-lbs / 126 Nm

INSPECTION/MAINTENANCE

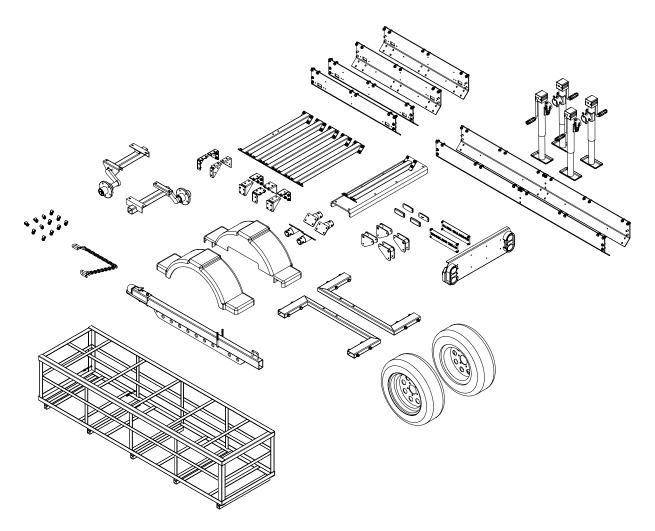
- Check the tires before all trips. Make sure they are inflated to the pressure shown on the tire.
- Grease the axle bearings every 3 months or 1000 miles (1600km), whichever comes first.
- Check the tow hitch ball coupler. Make sure it is not damaged.
- Check the wheel lug nuts before all trips. Make 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.



SAWMILL TRAILER ASSEMBLY

1. UNPACKING

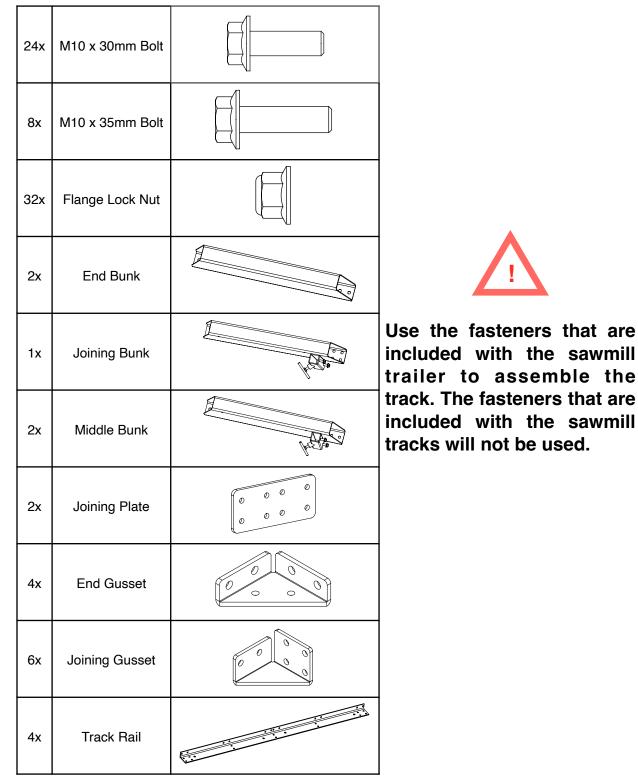
Remove all the parts from the steel crate. You will use the steel crate in step 2.



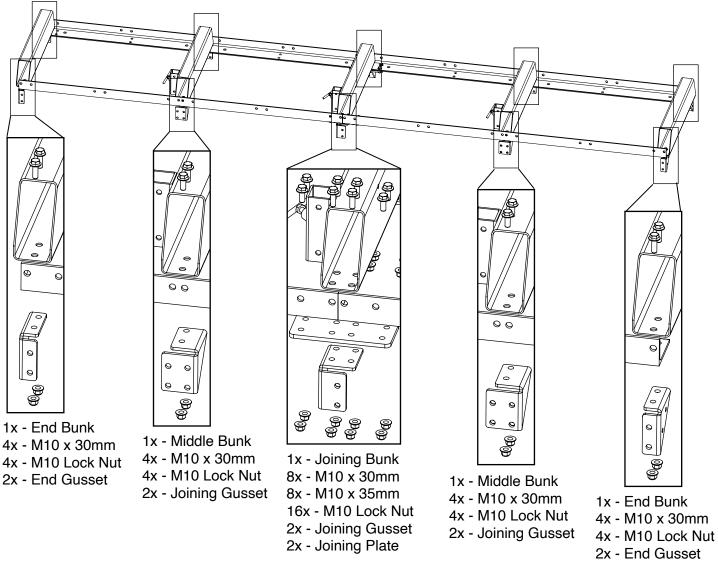


2. SETUP

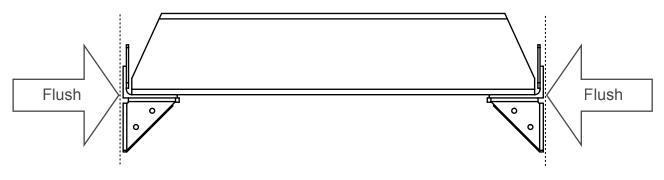
Using the hardware listed below, build the track with the gussets as shown on the next page. Make sure the track width is 30.5" (775 mm) and measure diagonally for squareness. Tighten all the bolts to the specified torque specification.





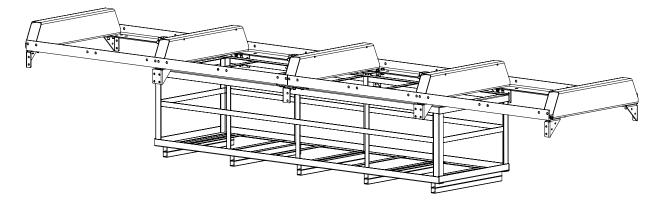


Above steps to be completed to both sides of the track. Make sure the gussets are flush to the outside of the track rails as shown below.

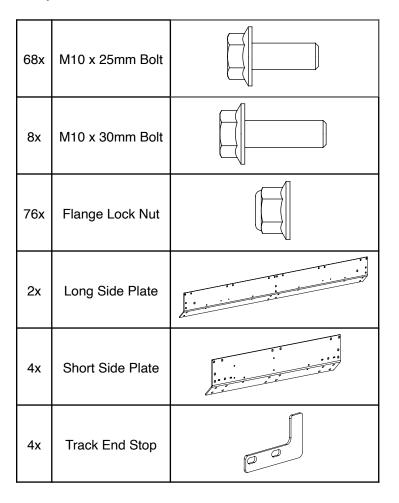




Place the track assembly on top of the shipping crate making sure it is centred.



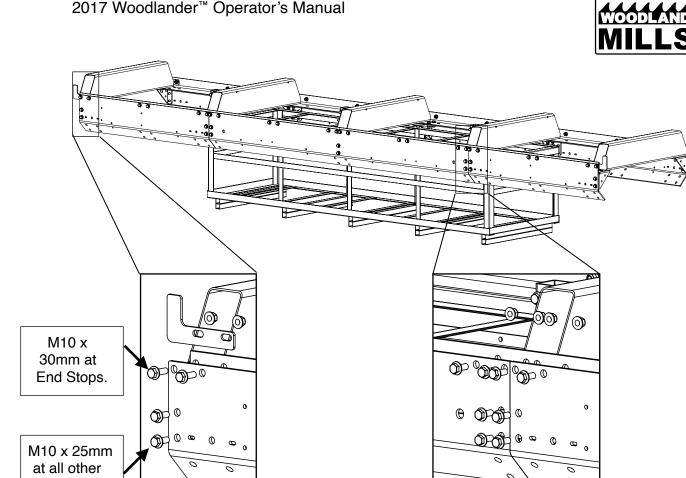
Using the hardware listed below, hang the side plates using the M10x25mm and M10x30mm bolts, do not tighten these bolts. The M10x30mm bolts are used with the track end stop. Everywhere else uses the M10x25mm bolts.

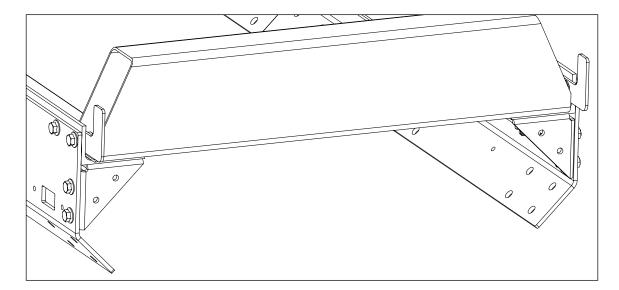


0

0

locations.





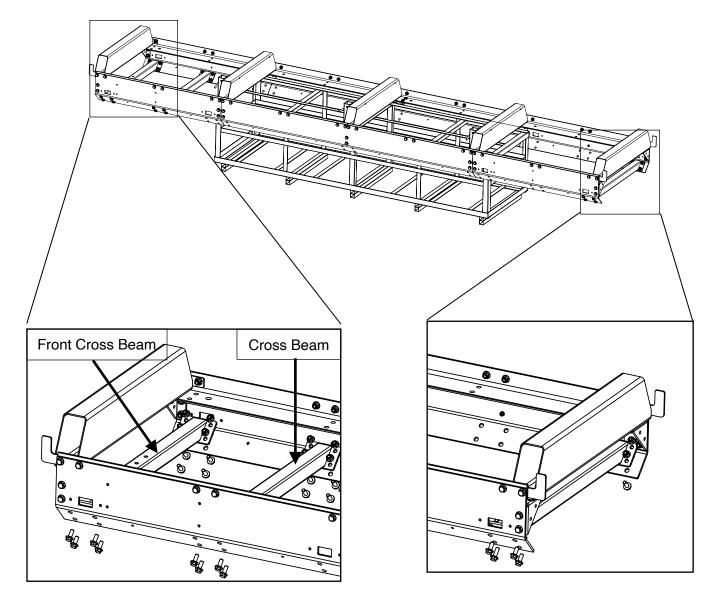
The end stops attach on the inside of the track using the M10 x 30mm bolts.



Using the hardware listed below, install the cross beams as shown on the next page. Make sure the crosser with the two holes goes at the front. Do not tighten these bolts.

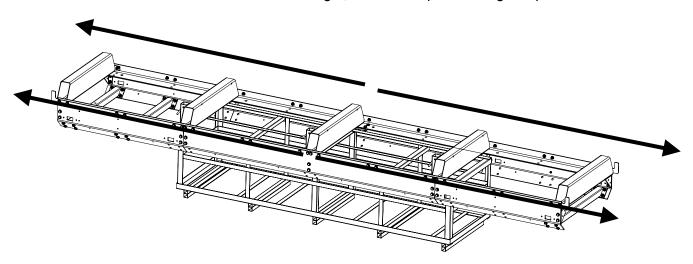
24x	M10 x 25mm Bolt	
24x	Flange Lock Nut	
2x	Cross Beam	
1x	Front Cross Beam	



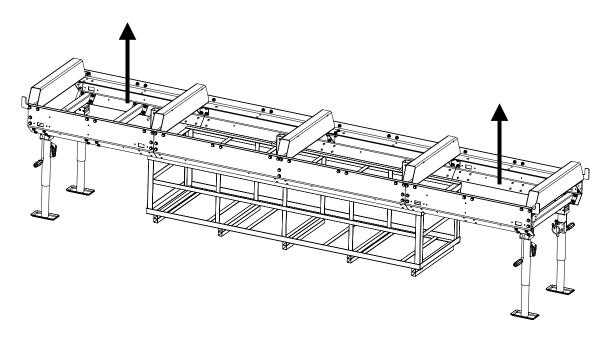




Tighten all bolts to the specified torque specification, starting from the centre and working towards the outside. Ensure the track is straight, level and square during this procedure.



Place the 4 jacks under the end cross beam and the front cross beam and extend the jacks all the way.

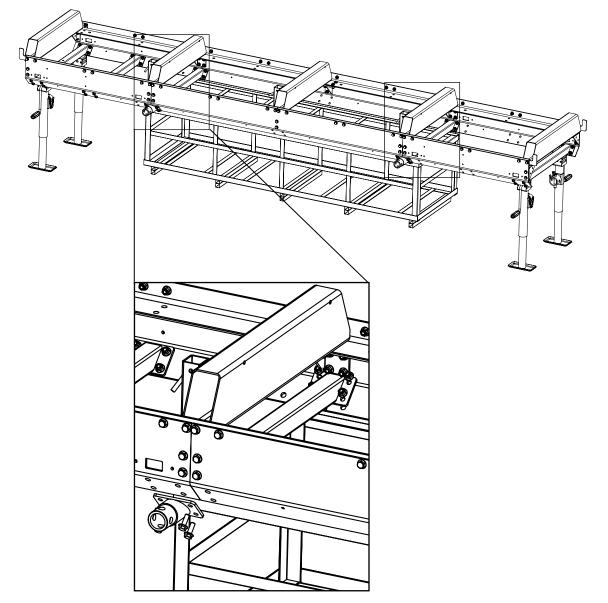




Using the hardware listed below, install the rest of the cross beams and the jack mounts. Tighten the bolts to the specified torque.

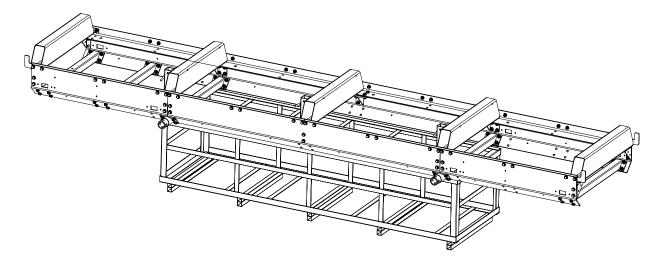
16x	M10 x 30mm Bolt	
16x	M10 Flange Lock Nut	
2x	Cross Beam	
4x	Jack Mounts	00



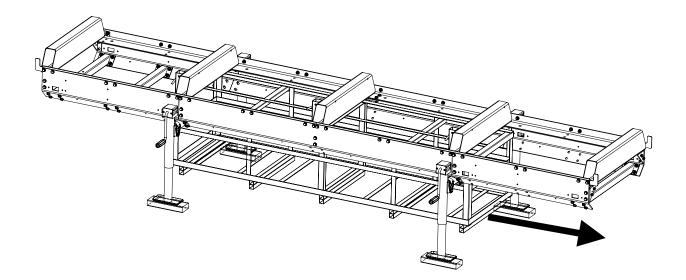




Next, lower the trailer onto the crate and remove the jacks.



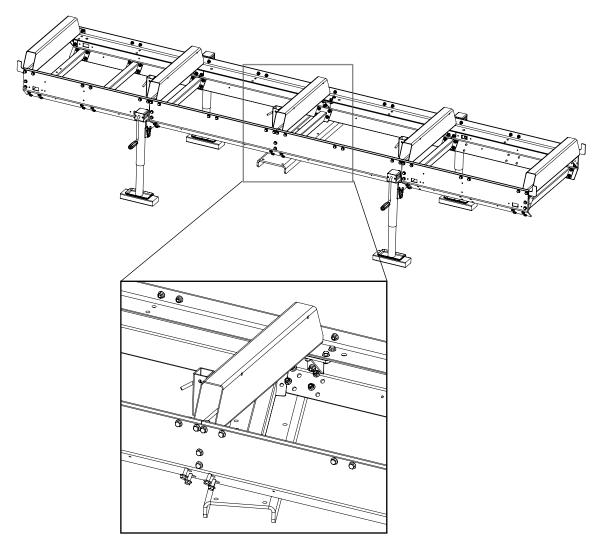
Slide the jacks onto the jack mounts and secure in place with the pin attached to the jack. Raise the jacks up to enable the crate to be removed from under the trailer assembly. Place blocks of wood underneath each jack stand if necessary to achieve the required height.





Using the hardware listed below, install the axle mount lower cross beam as show. Tighten these bolts.

8x	M10 x 25mm Flange Hex Bolt	
8x	M10 Flange Lock Nut	
1x	Axle Mount Cross Beam	

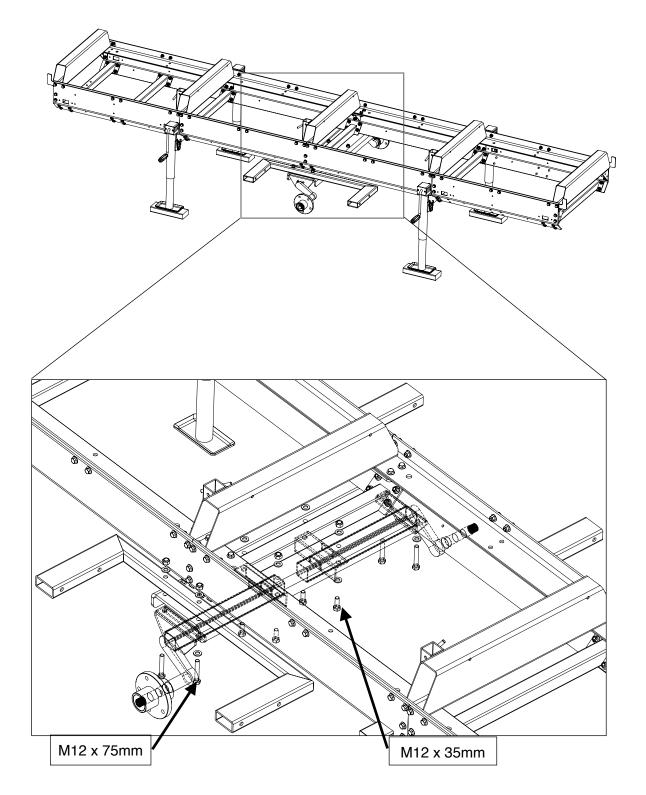




Using the hardware listed below, install the axles and fender mounts as shown on the next page. Tighten these bolts to the specified torque.

4x	M12 x 35mm Bolt	
4x	M12 x 75mm Bolt	
16x	M12 Washer	
8x	M12 Lock Nut	
2x	Axle	
2x	Fender Mount	E C



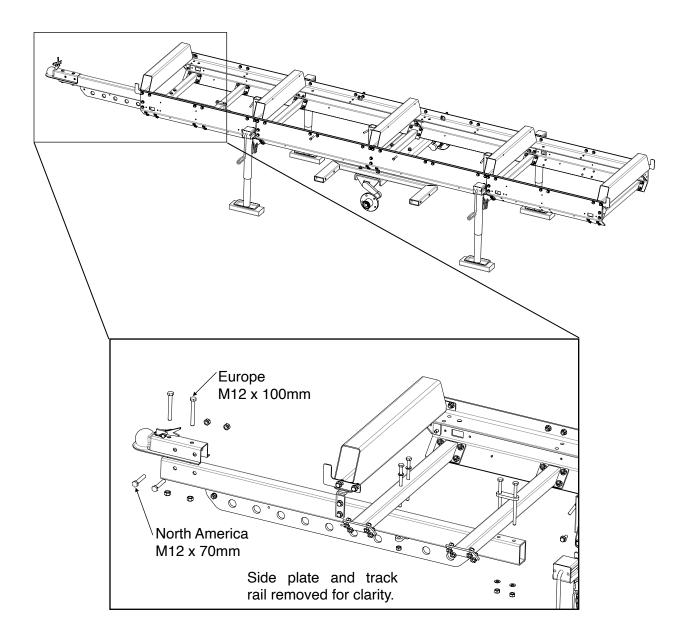




Using the hardware listed below, install the trailer tongue and coupler. Leave the U-bolts loose in this step, since the plug for the lights will be routed through the tongue in a following step. Tighten the coupler bolts.

2x	M12 x 100mm Bolt (Europe only)	
2x	M12 x 70mm Bolt (North America)	
2x	M12 Lock Nut	
4x	M10 x 160mm Bolt	
4x	M10 Lock Nut	
4x	M10 Washer	
1x	Tongue	
1x	Coupler	
2x	Tongue Bracket	
1x	Hitch Locking Pin	



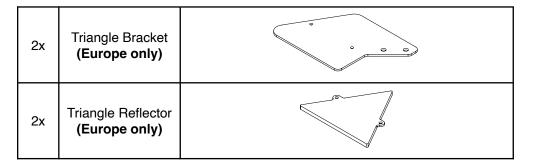


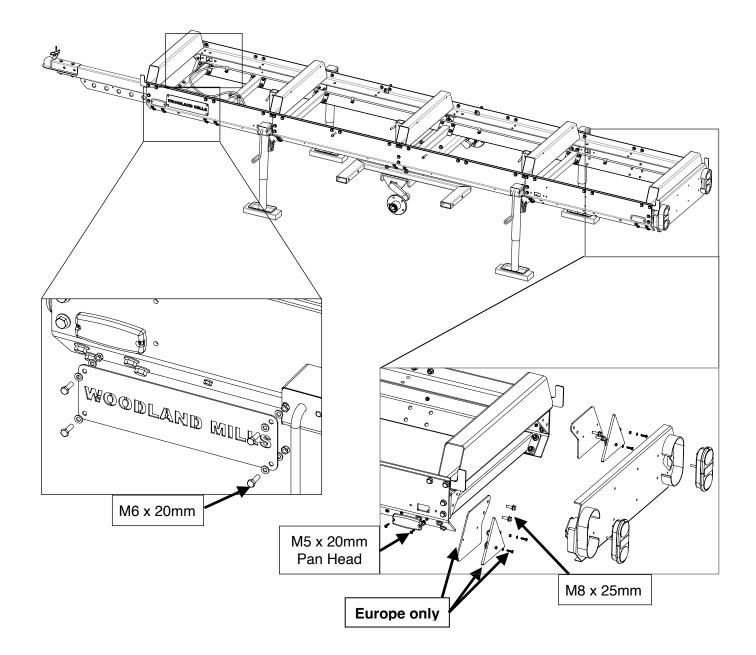


Using the hardware listed below, install the lights and signs as shown on the next page. Install the tail lights on the light bar before mounting the light bar assembly on the frame. Tighten these bolts to the specified torque.

4x	M8 x 25mm Bolt	
4x	M8 Lock Nut	
1x	Light Bar and Lights	
2x	Signs	WOODLAND MILLES
8x	M5 x 20 Pan Head Bolt (+4 Europe Only)	
8x	M5 Washer (+4 Europe Only)	
8x	M5 Lock Nut (+4 Europe Only)	
8x	M6 x 20 Hex Bolt	
16x	M6 Washer	
8x	M6 Lock Nut	



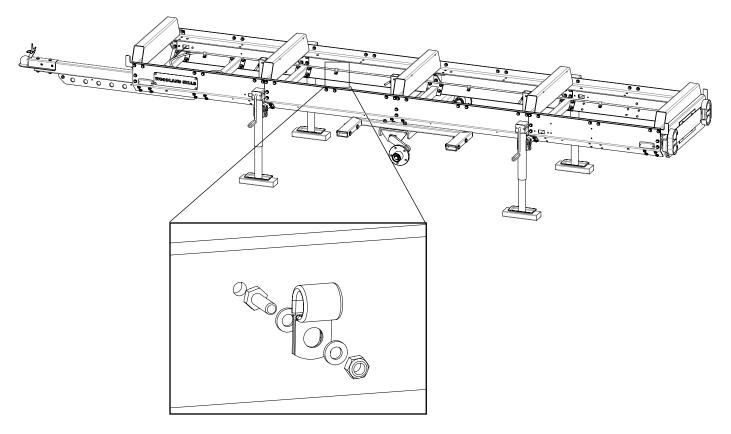






After the lights have been installed, the wire can be routed through the wire clamps and tongue. Using the hardware below, route the cable along the right-hand side (when at rear of trailer and facing tail lights). The tongue U-bolts from the earlier step can be tightened after wiring has been fished through the tongue.

12x	M6 x 20mm Bolt	
12x	M6 Lock Nut	
24x	M6 Washer	
12x	Wire Clamp	



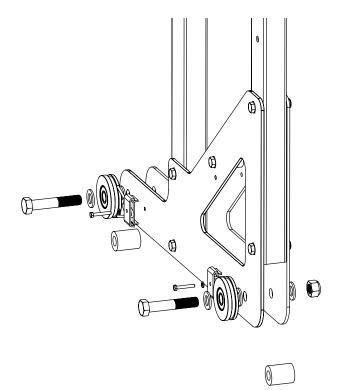


Place the assembled saw head on the trailer and use the hardware listed below to install the head lock down brackets as shown on the next page. Tighten these bolts to the specified torque.

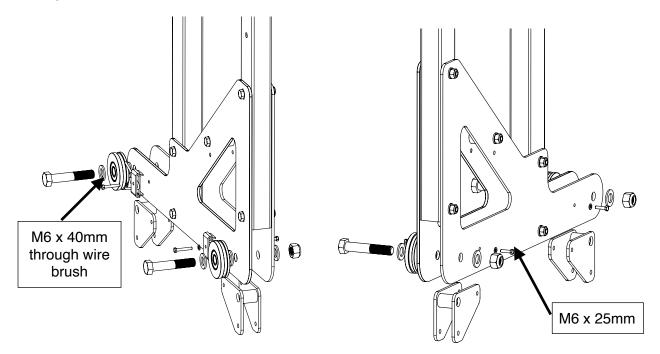
4x	Head Lock Down Bracket	
8x	M6 Lock Nut	
16x	M6 Washer	
4x	M6 x 25mm Bolt	
4x	M6 x 40mm Bolt	
4x	Lock Down Pin	0
4x	Ring Lynch Pin	



Remove the spacers from in-between the side plates as shown.

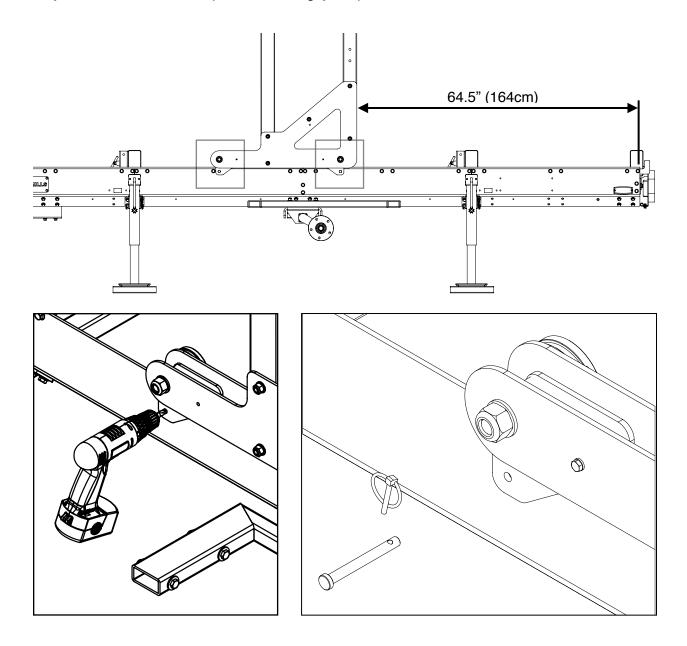


Using the provided M6 x 25 and M6 x 40 bolts, install the brackets in place of the spacers.





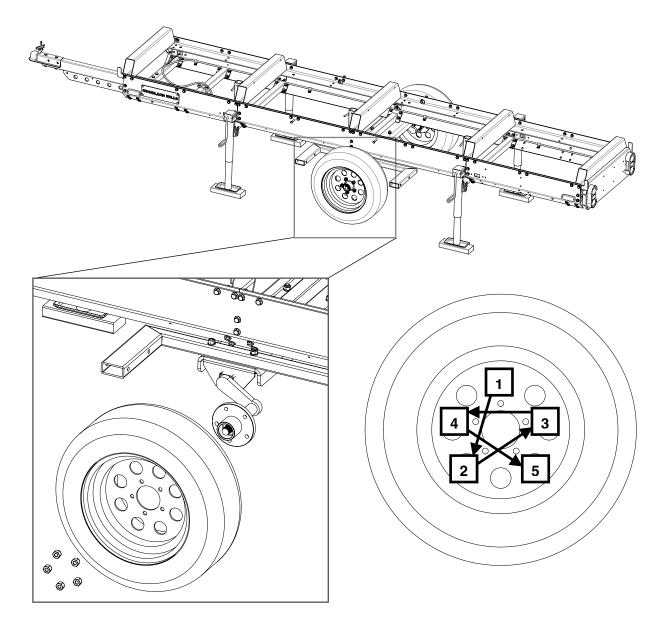
Drill four (4) holes for the lock down brackets using the drill bit provided. 64.5 inches (164cm) from the rear edge of the track to the rear post of the head. Insert a locking pin into each hole as they are drilled. Secure the pin with the ring lynch pin.





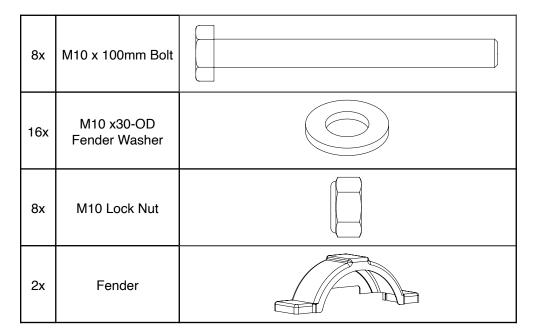
Using the hardware listed below, install the tires on the axles. Using a torque wrench, torque the lug nuts to 80 ft·lb / 110 Nm following the pattern shown below.

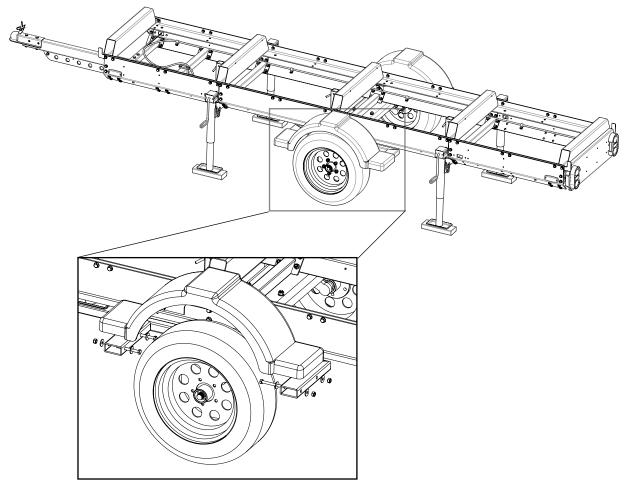
2x	Wheels	
10x	Lug Nut	





Using the hardware listed below, install the fenders as shown.

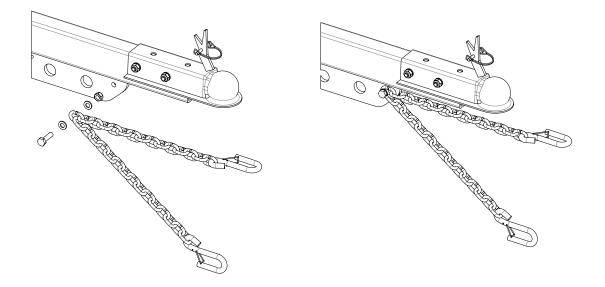






Using the hardware below, install the safety chain on the trailer tongue. This step is not needed for European customers.

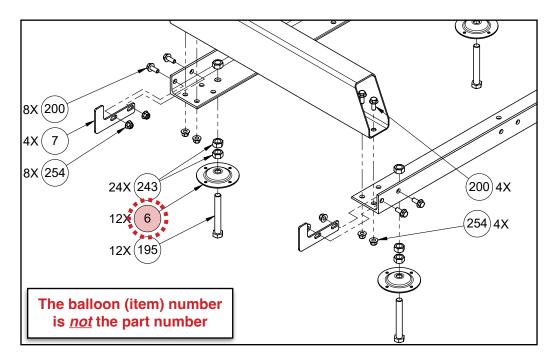
1x	M10 x 40mm Bolt (Not in Europe)	
2x	M10 Washer (Not in Europe)	
1x	M10 Lock Nut (Not in Europe)	
1x	Safety Chain (Not in Europe)	A CONTRACTOR OF





REPLACEMENT PARTS ORDERING

When ordering replacement parts, first locate the balloon number(s) from the appropriate *exploded assembly view* as shown in the example below:



Next, turn to the *Parts Lists* section and locate the balloon number in the "Item" column:

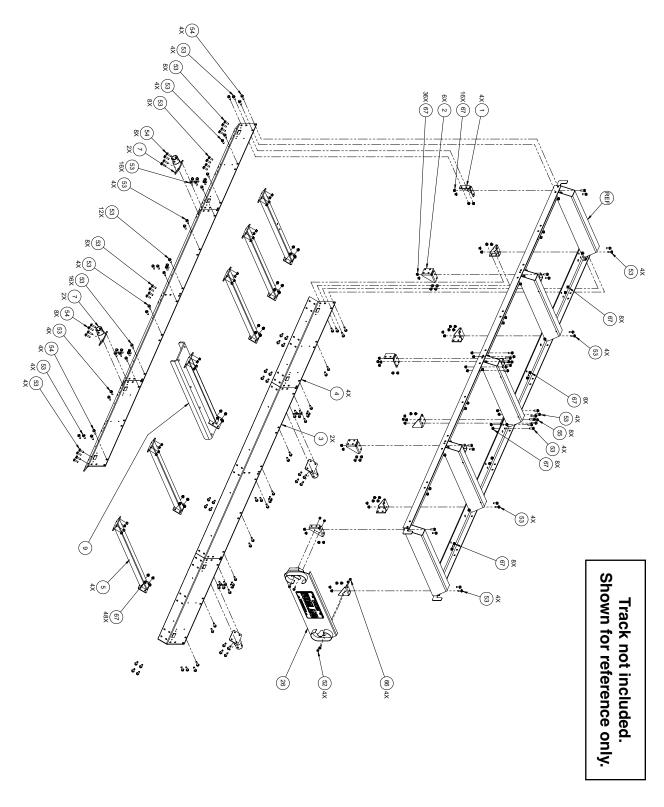
PARTS LIST						
Item	Quantity		DestMa	Burndarius		
	14 hp	9.5 hp	Part No.	Description		
1	4	4	0001073	TRACK RAIL, 58.5 mm TALL		
2	2	2	0001075	LOG BUNK, END		
1	2	2	0001080	LOG BUNK, MID		
4	1	1	0001084	LOG BUNK, CENTER		
•	2	2	0001072	REINFORCEMENT PLATE, 90 X 200 mm		
6	-12-	12	0001071	LEVELLING FOOT BASE		
7	4	4	0001055	CARRIAGE STOP		
8	1	1	0001062	LOG CLAMP SHAFT AND BRACKET WELDMENT		
	i			1		

Record the part number (e.g. 0001071, HHB-MBM080FCJ, etc.) in the "Part No." column.

Contact Woodland Mills through the website (or via phone/email) and provide the list of part numbers, including quantities for each item.

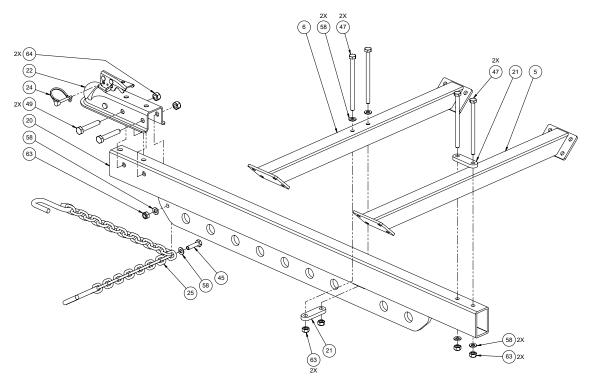


EXPLODED ASSEMBLY VIEWS CHASSIS AND TRACK

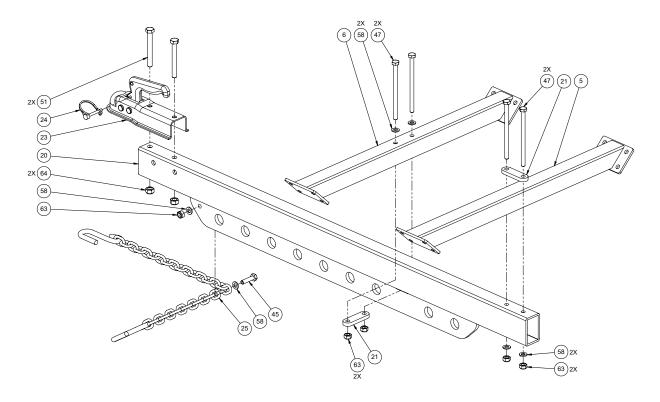




TONGUE: NORTH AMERICA

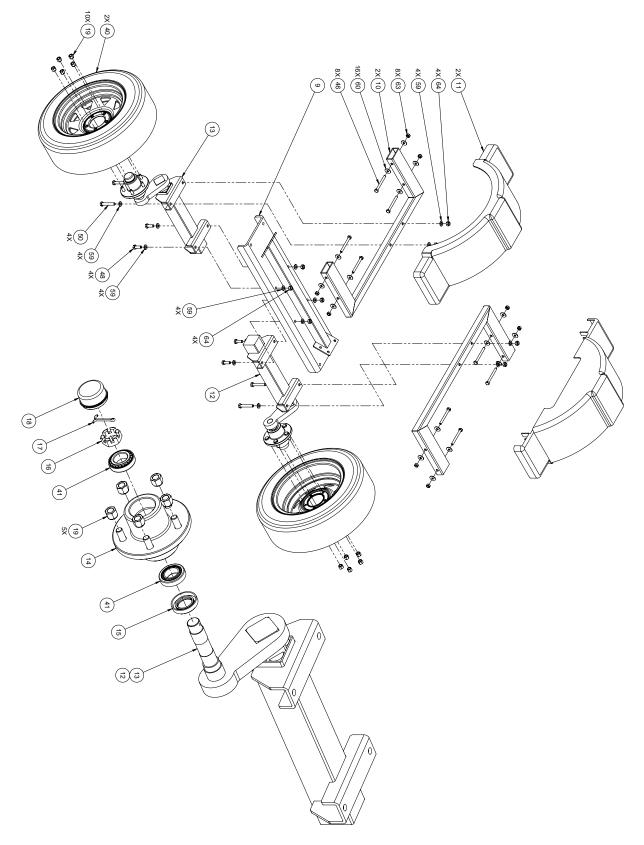


TONGUE: EUROPE



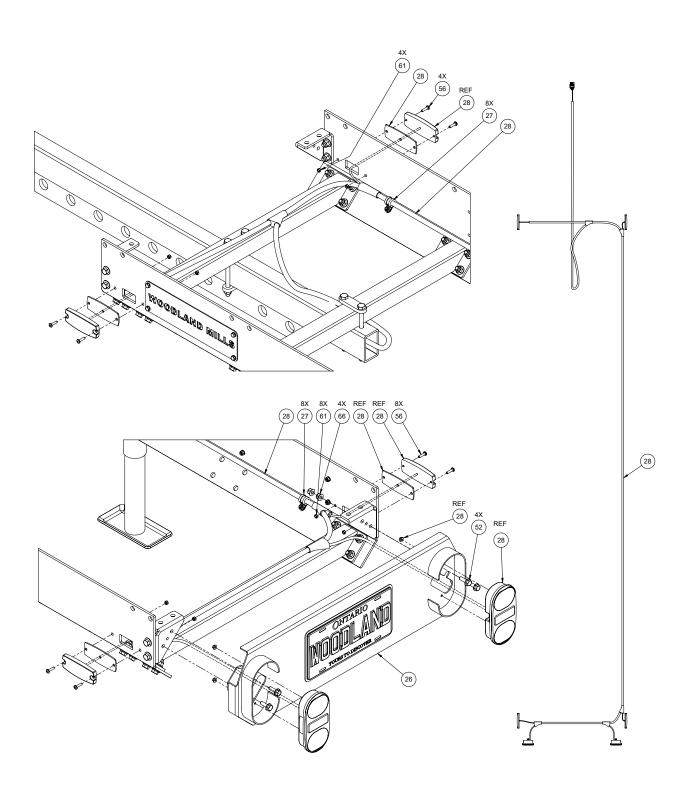


AXLES, WHEELS, AND FENDERS



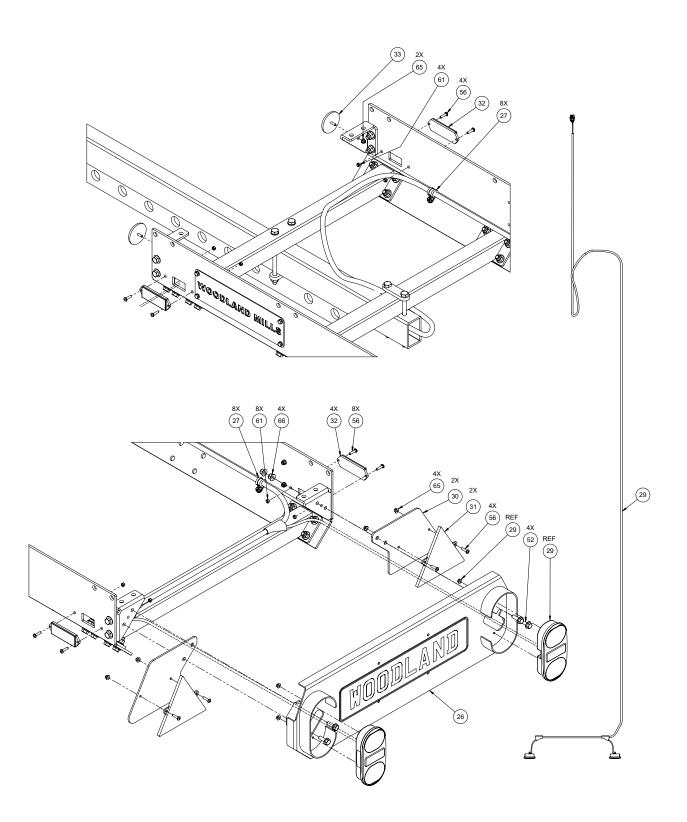


LIGHTING: NORTH AMERICA



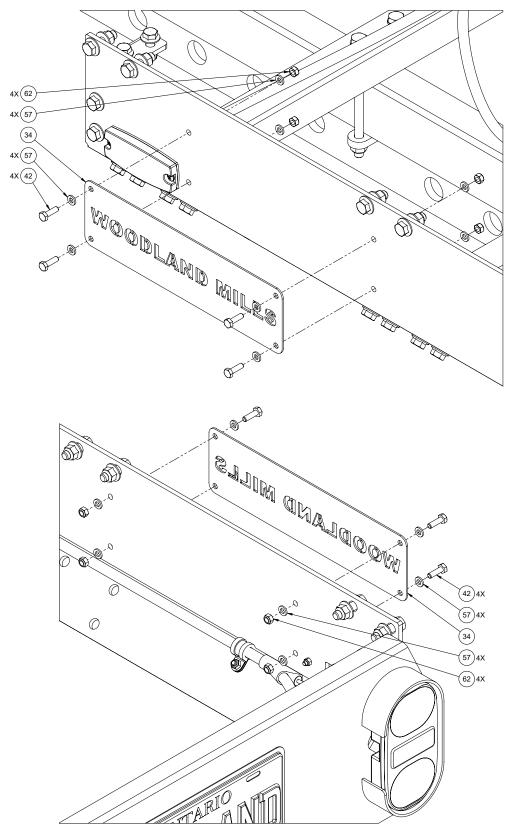


LIGHTING: EUROPE



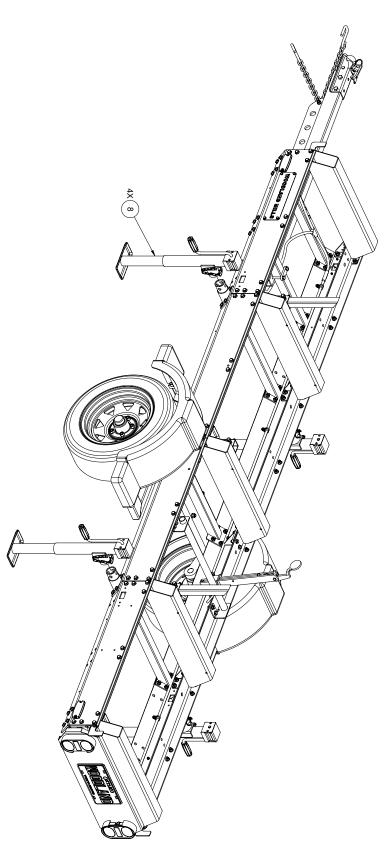


NAMEPLATES



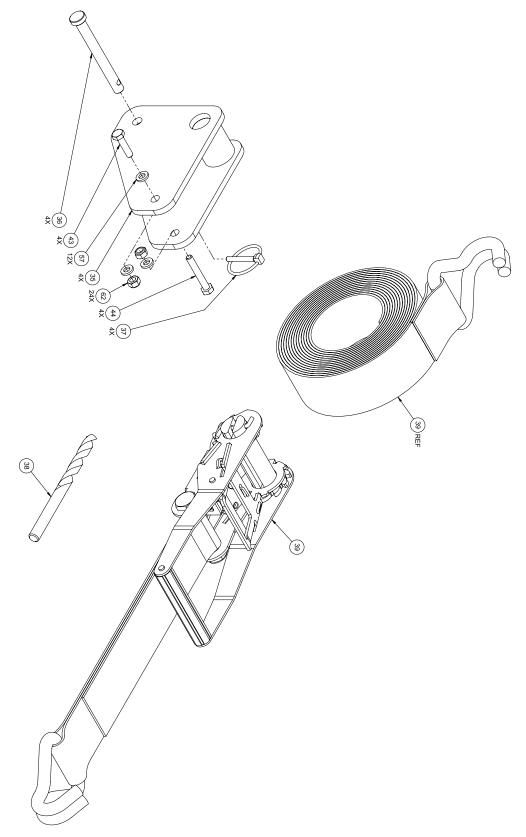
JACKS







HEAD LOCK-DOWN





PARTS LISTS NORTH AMERICA

Item	Qty	Part No.	Description
1	4	0001373	GUSSET, END
2	6	0001374	GUSSET, JOINING
3	2	0001363	SIDE PLATE, LONG
4	4	0001364	SIDE PLATE, SHORT
5	4	0001369	CROSS BEAM
6	1	0001370	CROSS BEAM, FRONT
7	4	0001376	JACK MOUNT
8	4	0001385	JACK STAND
9	1	0001365	CROSS BEAM, AXLE
10	2	0001377	BRACKET, PLASTIC FENDER, 195-60R14 WHEEL
11	2	0001378	PLASTIC FENDER, 195-60R14 WHEEL
12	1	0001540	AXLE, RIGHT, 1000 kg, OLD
13	1	0001539	AXLE, LEFT, 1000 kg, OLD
14	2	0001549	WHEEL HUB, 5-BOLT, 4-1/2 in [114.3 mm] BC, M12 X 1.5 LUGS
15	2	0004762	ROTARY SHAFT SEAL, SPRING-LOADED, WIPER LIP, 30 mm SHAFT, 50 mm OD
16	2	0006092	LOCK NUT, SLOTTED, M24 X 1.5, 16 mm THK
17	2	0004753	COTTER PIN, 5/32 in DIA, 1-1/2 in LG
18	2	0001439	WHEEL HUB DUST COVER, 5-BOLT, M12 LUGS
19	10	0006202	LUG NUT, M12 X 1.5
20	1	0001371	TONGUE
21	2	0001372	TONGUE BRACKET
22	1	0001381	HITCH BALL COUPLER, 2 in [50.8 mm] BALL, NORTH AMERICA
24	1	0004728	LOCKING PIN, ROUND, 1/4 in DIA, 1-3/8 in USABLE LG, 2 in LG
25	1	0001382	SAFETY CHAIN
26	1	0001375	TAILLIGHT BRACKET
27	8	0001396	CABLE CLAMP, 1/2 in ID, 1-3/4 in LG
28	1	0001676-1	LIGHTING WIRING HARNESS, NA
34	2	0001383	WOODLAND MILLS NAMEPLATE
35	4	0001393	HEAD LOCK-DOWN BRACKET
36	4	0001394	LOCK-DOWN PIN
37	4	0004720	LINCH PIN, 4.5 mm DIA, 25 mm USEABLE LG, 32 mm LG
38	1	0004742	DRILL BIT, 10 mm, JOBBERS LG
39	1	0005146	RATCHET STRAP, 50 mm WD, 4500 mm LG
40	2	195-60R14	WHEEL, 195/60R14
41	4	L44649	ROLLER BEARING, TAPERED, 1-1/16 in SFT, 1-3/64 in HSG, .56 in WD
42	16	HHB-MBE075FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 20 mm LG, FULL
43	4	HHB-MBE080FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 25 mm LG, FULL
44	4	HHB-MBE095FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 40 mm LG, FULL
45	1	HHB-MBM095FCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 40 mm LG, FULL
46	8	HHB-MBM155PCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 100 mm LG, 26 mm LG THD
47	4	HHB-MBM215PCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 160 mm LG, 26 mm LG THD
48	4	HHB-MBR090FCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 35 mm LG, FULL
49	2	HHB-MBR125PCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 70 mm LG, 30 mm LG THD
50	4	HHB-MBR130PCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 75 mm LG, 30 mm LG THD



Item	Qty	Part No.	Description
52	4	FHH-MBJ080FCJ	HEX BOLT, FLANGED, CLS 8.8, M8 X 1.25, 25 mm LG, FULL
53	124	FHH-MBM085FCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 30 mm LG, FULL
54	24	FHH-MBM090PCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 35 mm LG, 26 mm LG THD
55	8	FHH-MBM095PCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 40 mm LG, 26 mm LG THD
56	8	PPH-MBA075FCE	SCREW, PPH, CLS 4.8, M5 X 0.8, 20 mm LG, FULL
57	36	FTW-MBE000AJ	FLAT WASHER, M6
58	6	FTW-MBM000AJ	FLAT WASHER, M10
59	16	FTW-MBR000AJ	FLAT WASHER, M12
60	16	FDW-MBM079000AJ	FENDER WASHER, M10, 30 mm OD
61	8	HLN-MBACH	LOCK NUT, CLS 8, M5 X 0.8
62	24	HLN-MBECH	LOCK NUT, CLS 8, M6 X 1
63	13	HLN-MBMCH	LOCK NUT, CLS 8, M10 X 1.5
64	10	HLN-MBRCH	LOCK NUT, CLS 8, M12 X 1.75
66	4	FLN-MBJCH	LOCK NUT, FLANGED, CLS 8, M8 X 1.25
67	156	FLN-MBMCL	LOCK NUT, FLANGED, CLS 10, M10 X 1.5

EUROPE

Item	Qty	Part No.	Description
1	4	0001373	GUSSET, END
2	6	0001374	GUSSET, JOINING
3	2	0001363	SIDE PLATE, LONG
4	4	0001364	SIDE PLATE, SHORT
5	4	0001369	CROSS BEAM
6	1	0001370	CROSS BEAM, FRONT
7	4	0001376	JACK MOUNT
8	4	0001385	JACK STAND
9	1	0001365	CROSS BEAM, AXLE
10	2	0001377	BRACKET, PLASTIC FENDER, 195-60R14 WHEEL
11	2	0001378	PLASTIC FENDER, 195-60R14 WHEEL
12	1	0001540	AXLE, RIGHT, 1000 kg, OLD
13	1	0001539	AXLE, LEFT, 1000 kg, OLD
14	2	0001549	WHEEL HUB, 5-BOLT, 4-1/2 in [114.3 mm] BC, M12 X 1.5 LUGS
15	2	0004762	ROTARY SHAFT SEAL, SPRING-LOADED, WIPER LIP, 30 mm SHAFT, 50 mm OD
16	2	0006092	LOCK NUT, SLOTTED, M24 X 1.5, 16 mm THK
17	2	0004753	COTTER PIN, 5/32 in DIA, 1-1/2 in LG
18	2	0001439	WHEEL HUB DUST COVER, 5-BOLT, M12 LUGS
19	10	0006202	LUG NUT, M12 X 1.5
20	1	0001371	TONGUE
21	2	0001372	TONGUE BRACKET
23	1	0001702	HITCH BALL COUPLER, 50 mm [2 in] BALL, EUROPE
24	1	0004728	LOCKING PIN, ROUND, 1/4 in DIA, 1-3/8 in USABLE LG, 2 in LG
25	1	0001382	SAFETY CHAIN
26	1	0001375	TAILLIGHT BRACKET
27	8	0001396	CABLE CLAMP, 1/2 in ID, 1-3/4 in LG
29	1	0001676-2	LIGHTING WIRING HARNESS, EU
30	2	0001379	TRIANGLE REFLECTOR BRACKET, EU



Item	Qty	Part No.	Description
31	2	0001390	REAR REFLECTOR, RED, EU
32	4	0001391	SIDE REFLECTOR, AMBER, EU
33	2	0001392	FRONT REFLECTOR, WHITE, EU
34	2	0001383	WOODLAND MILLS NAMEPLATE
35	4	0001393	HEAD LOCK-DOWN BRACKET
36	4	0001394	LOCK-DOWN PIN
37	4	0004720	LINCH PIN, 4.5 mm DIA, 25 mm USEABLE LG, 32 mm LG
38	1	0004742	DRILL BIT, 10 mm, JOBBERS LG
39	1	0005146	RATCHET STRAP, 50 mm WD, 4500 mm LG
40	2	195-60R14	WHEEL, 195/60R14
41	4	L44649	ROLLER BEARING, TAPERED, 1-1/16 in SFT, 1-3/64 in HSG, .56 in WD
42	16	HHB-MBE075FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 20 mm LG, FULL
43	4	HHB-MBE080FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 25 mm LG, FULL
44	4	HHB-MBE095FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 40 mm LG, FULL
45	1	HHB-MBM095FCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 40 mm LG, FULL
46	8	HHB-MBM155PCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 100 mm LG, 26 mm LG THD
47	4	HHB-MBM215PCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 160 mm LG, 26 mm LG THD
48	4	HHB-MBR090FCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 35 mm LG, FULL
50	4	HHB-MBR130PCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 75 mm LG, 30 mm LG THD
51	2	HHB-MBR155PCJ	HEX HEAD BOLT, CLS 8.8, M12 X 1.75, 100 mm LG, 30 mm LG THD
52	4	FHH-MBJ080FCJ	HEX BOLT, FLANGED, CLS 8.8, M8 X 1.25, 25 mm LG, FULL
53	124	FHH-MBM085FCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 30 mm LG, FULL
54	24	FHH-MBM090PCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 35 mm LG, 26 mm LG THD
55	8	FHH-MBM095PCM	HEX BOLT, FLANGED, CLS 10.9, M10 X 1.5, 40 mm LG, 26 mm LG THD
56	12	PPH-MBA075FCE	SCREW, PPH, CLS 4.8, M5 X 0.8, 20 mm LG, FULL
57	36	FTW-MBE000AJ	FLAT WASHER, M6
58	6	FTW-MBM000AJ	FLAT WASHER, M10
59	16	FTW-MBR000AJ	FLAT WASHER, M12
60	16	FDW-MBM079000AJ	FENDER WASHER, M10, 30 mm OD
61	8	HLN-MBACH	LOCK NUT, CLS 8, M5 X 0.8
62	24	HLN-MBECH	LOCK NUT, CLS 8, M6 X 1
63	13	HLN-MBMCH	LOCK NUT, CLS 8, M10 X 1.5
64	10	HLN-MBRCH	LOCK NUT, CLS 8, M12 X 1.75
65	6	FLN-MBACH	LOCK NUT, FLANGED, CLS 8, M5 X 0.8
66	4	FLN-MBJCH	LOCK NUT, FLANGED, CLS 8, M8 X 1.25
67	156	FLN-MBMCL	LOCK NUT, FLANGED, CLS 10, M10 X 1.5



NOTES

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