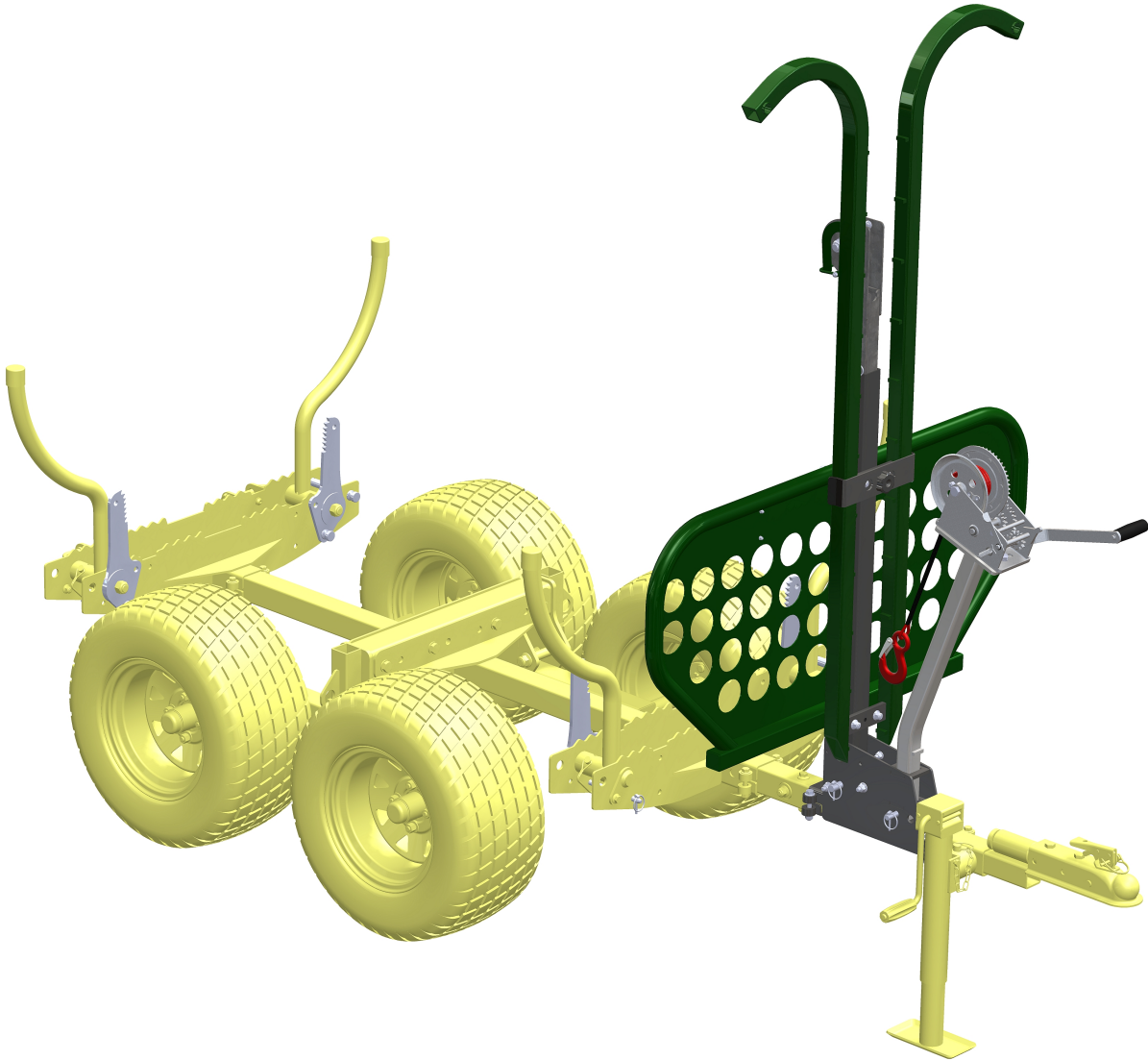


MULTILANDER™ ACCESSORY



PRO LOGGING OPERATOR'S MANUAL



Multilander™ is a trademark of Woodland Mills, Inc.

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CONFIGURATIONS & ACCESSORIES

The Multilander Logging Trailer is available in five (5) configurations shown below. Each configuration can be further customized with additional accessories such as a cant hook mount, a ball mount hitch kit, and a universal mounting kit. Contact Woodland Mills or visit [our website](#) for information and pricing.



1. LOGGING TRAILER



2. LOGGING TRAILER
WITH UTILITY BOX



3. LOGGING TRAILER
WITH UTILITY DUMP BOX



4. PRO LOGGING TRAILER



5. PRO LOGGING TRAILER
WITH UTILITY DUMP BOX



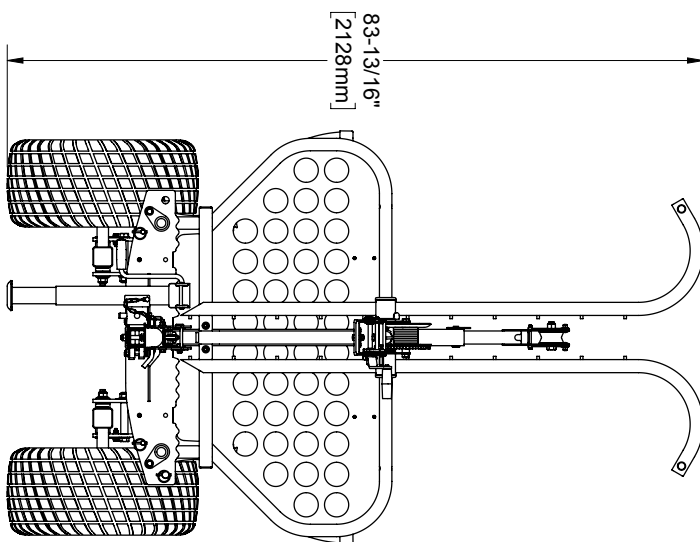
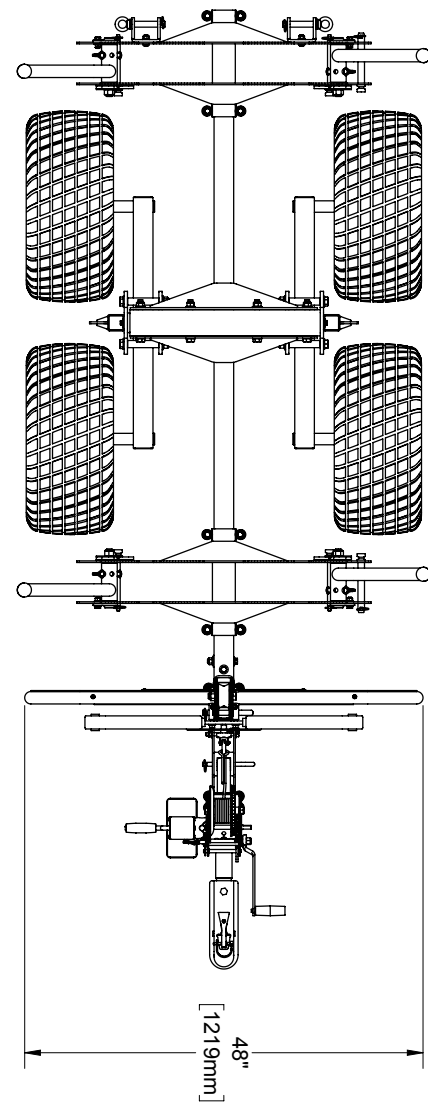
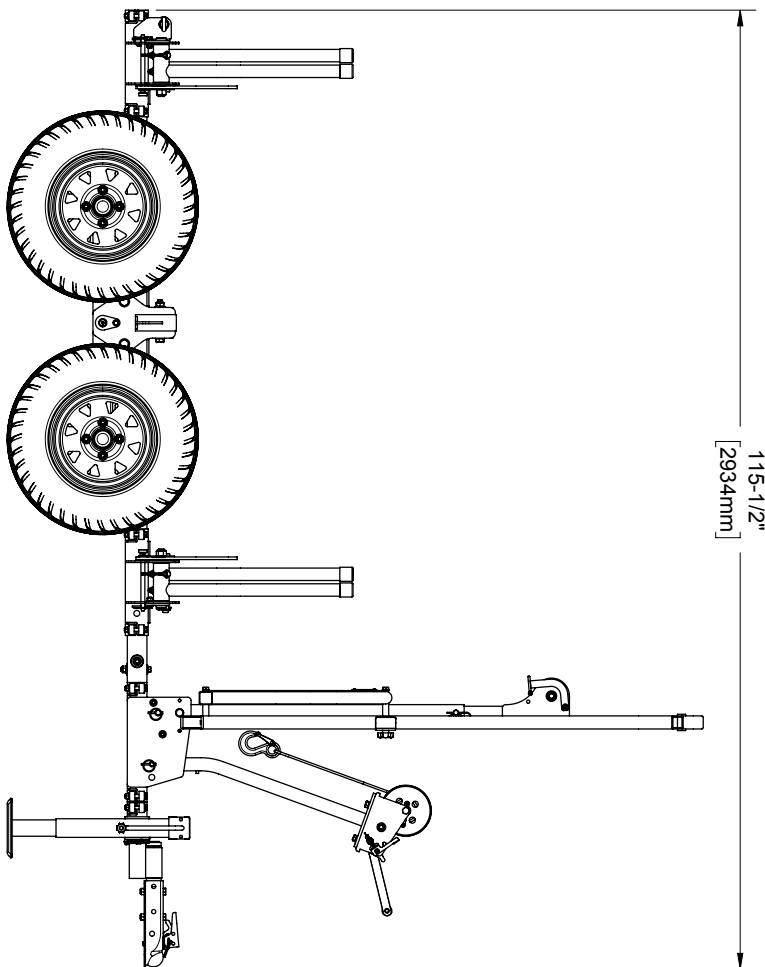
TECHNICAL SPECIFICATIONS

Item	Specification
Construction/Finish	Powder-Coated/Galvanized Tube & Plate Steel
Hauling Capacity	2000 lb [907 kg]
Winching Capacity	2500 lb [1134 kg]
Winch Rope Type	Synthetic
Winch Rope Diameter	3/8 in [9.5 mm]
Winch Rope Length	30 ft [9.1 m]
Boom Extension	23-5/8 in [600 mm] Total Adjustment in 5-7/8 in [150 mm] Increments
Log Loading Ramp	Installed (Horiz): 59-1/2 in [1511 mm] / Leg: 63 in [1600 mm]
Overall Length	115-1/2 in [2934 mm] MIN / 151-1/2 in [3848 mm] MAX
Overall Width	48 in [1219 mm] MIN / 111 in [2819 mm] MAX
Overall Height @ Boom	67-3/4 in [1721 mm] MIN / 91-1/4 in [2318 mm] MAX
Assembled Weight	614 lb [278 kg] with Trailer
Included Accessories	Telescoping Boom Kit, Winch Kit, Pro Logging Kit

BOLT TORQUE SPECIFICATIONS

Class 8.8 Bolt (Thread Size)	Torque
M5	54 in•lb [6 N•m]
M6	92 in•lb [11 N•m]
M8	225 in•lb [26 N•m]
M10	37 ft•lb [50 N•m]
M12	65 ft•lb [88 N•m]
M16	161 ft•lb [218 N•m]

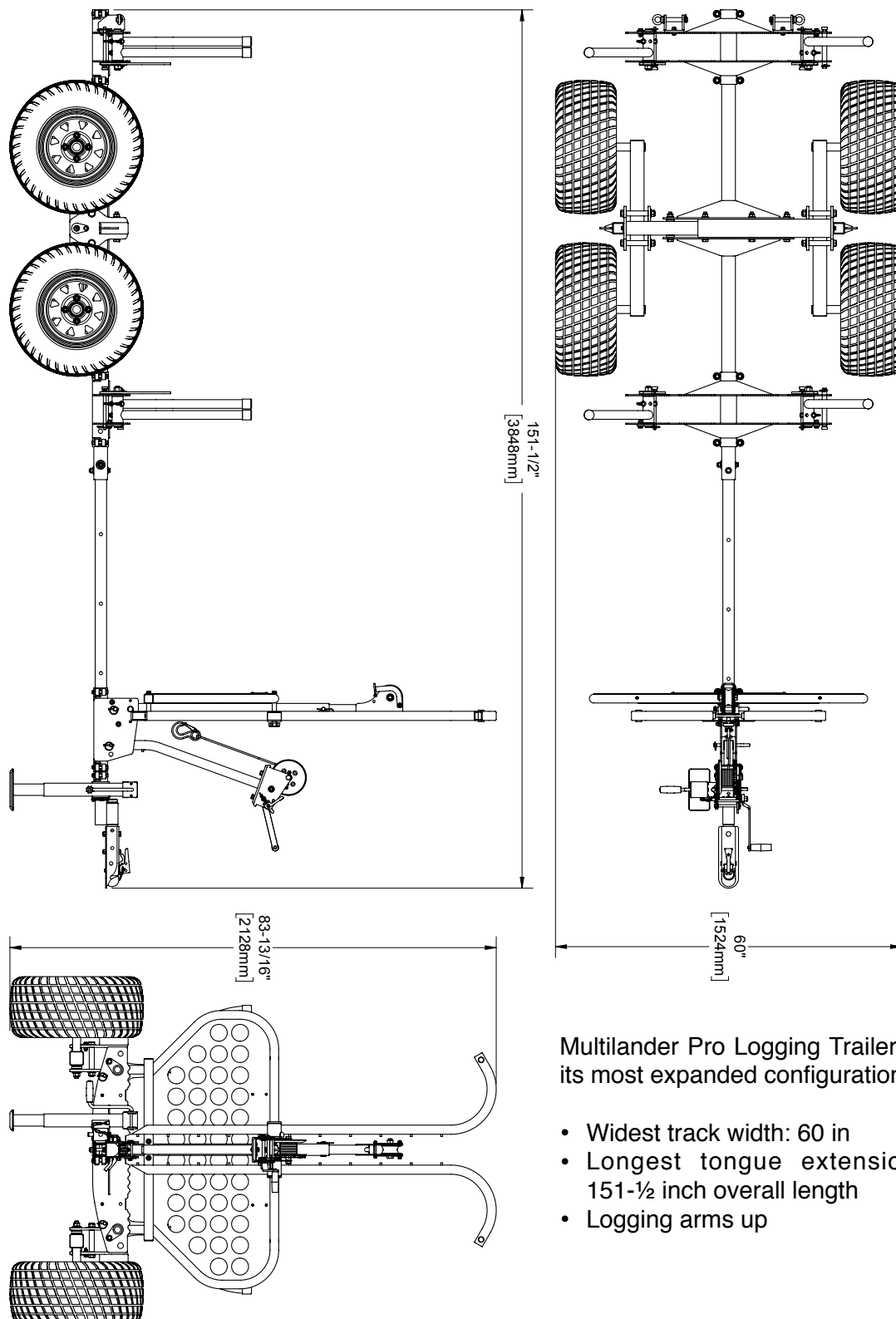
OVERALL DIMENSIONS—MIN



Multilander Pro Logging Trailer in its most compact configuration:

- Narrowest track width (48 in)
- Shortest tongue extension (115-½ inch overall length)

OVERALL DIMENSIONS—MAX



Multilander Pro Logging Trailer in its most expanded configuration:

- Widest track width: 60 in
- Longest tongue extension: 151-½ inch overall length
- Logging arms up

PRO LOGGING ASSEMBLY

1. TOOLS REQUIRED

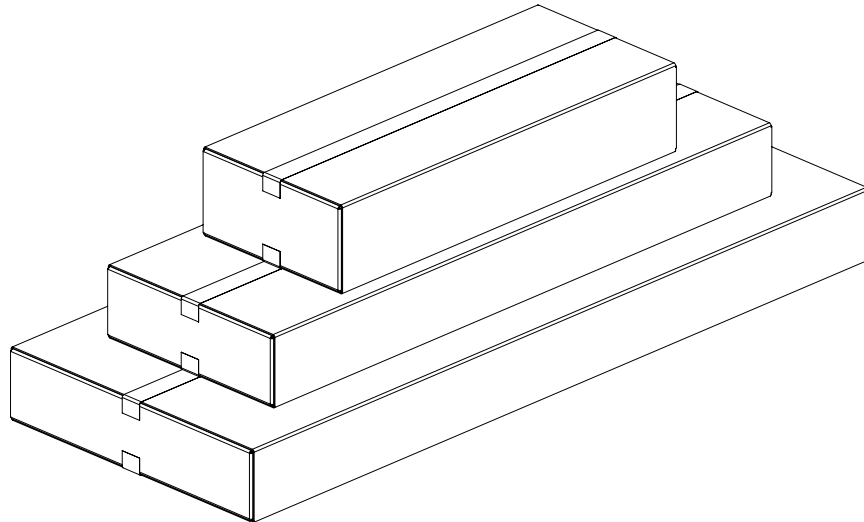
Tool	Specification
Wrench/Socket	8 mm
Wrench/Socket	9 mm
Wrench/Socket	10 mm
Wrench/Socket	13 mm
Wrench/Socket	14 mm
Wrench/Socket	15 mm
Wrench/Socket	18 mm
Hex Key	Set of Metric Hex Keys (e.g. 2-10 mm)
Adjustable Wrench	Variable
Torque Wrench	Capable of 161 ft•lb (218 N•m)



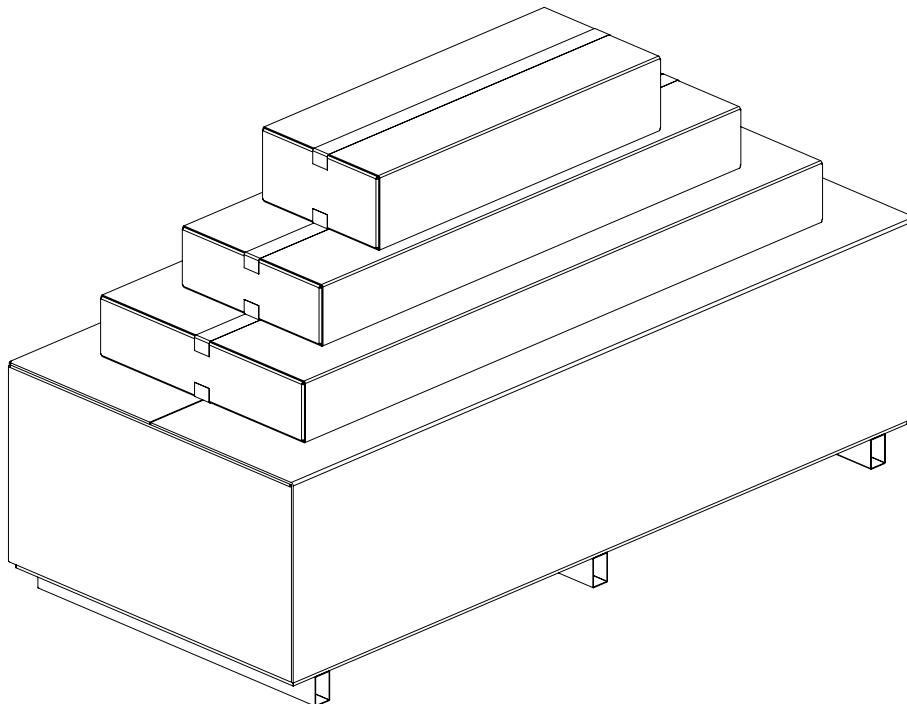


2. SHIPPING & UNPACKING

When purchased on its own, the Multilander Pro Logging Kit ships in three (3) separate boxes (Pro Logging Kit, Telescoping Boom, and Winch) as shown below.

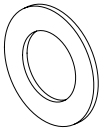
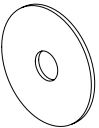

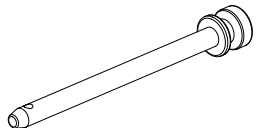
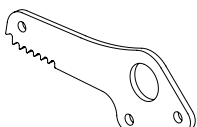
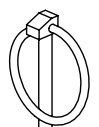


When purchased as the Multilander Pro Logging Trailer configuration, the three (3) boxes ship stacked with the Multilander Logging Trailer as shown below.

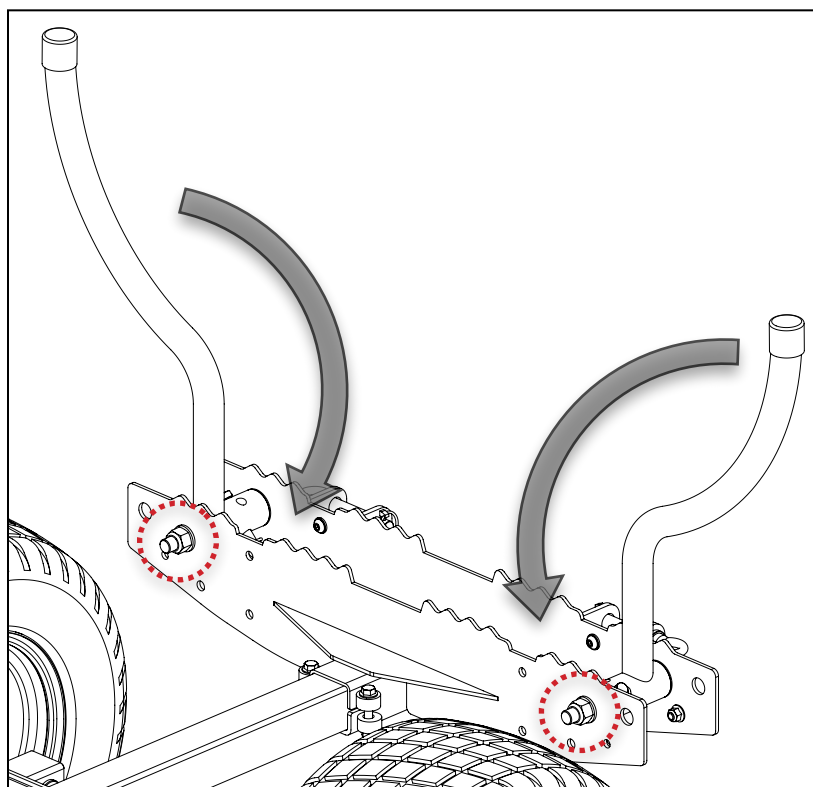


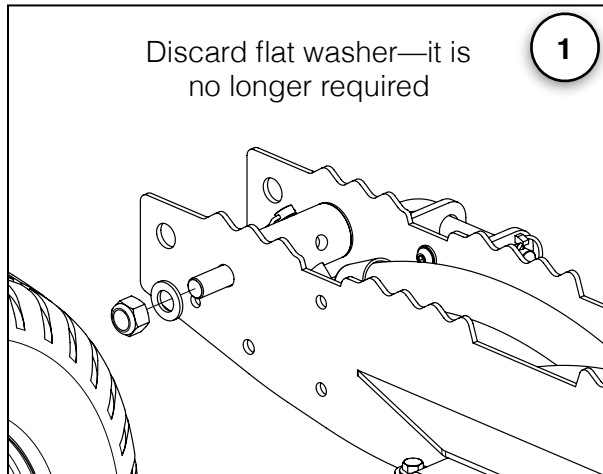
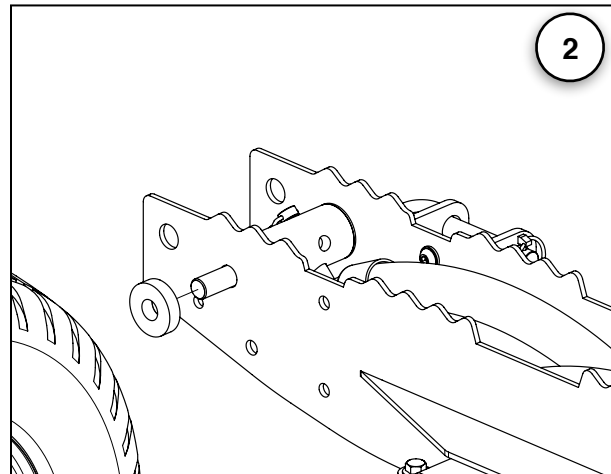
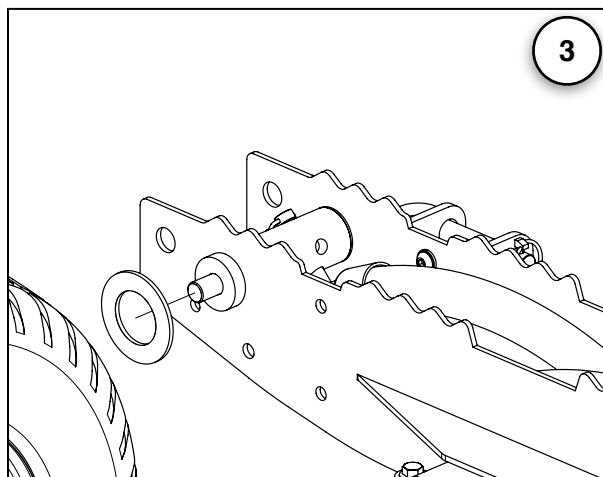
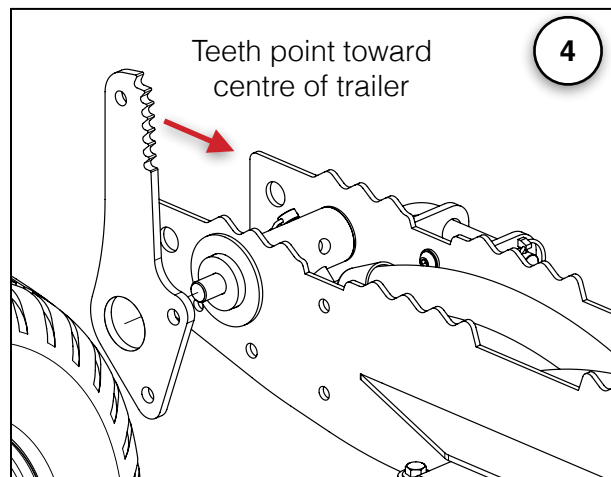
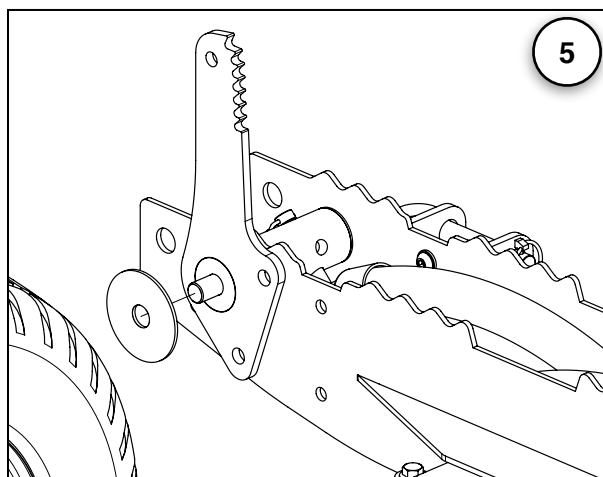
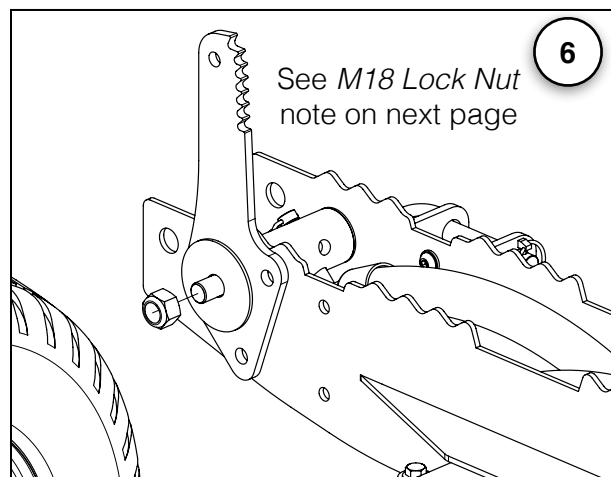
3. LOG SUPPORTS

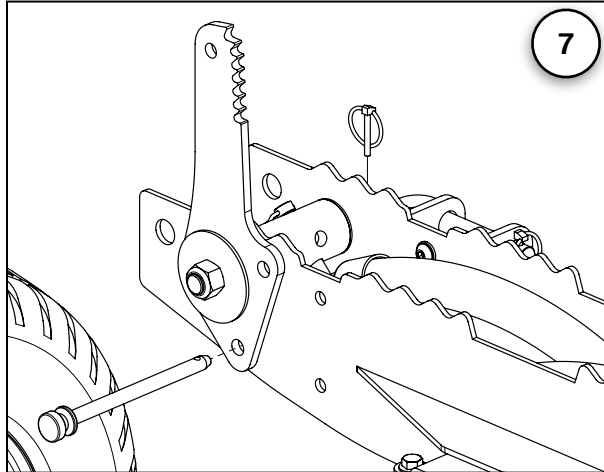
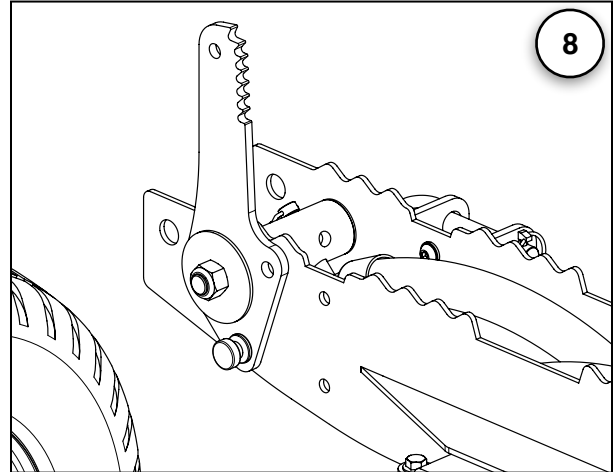
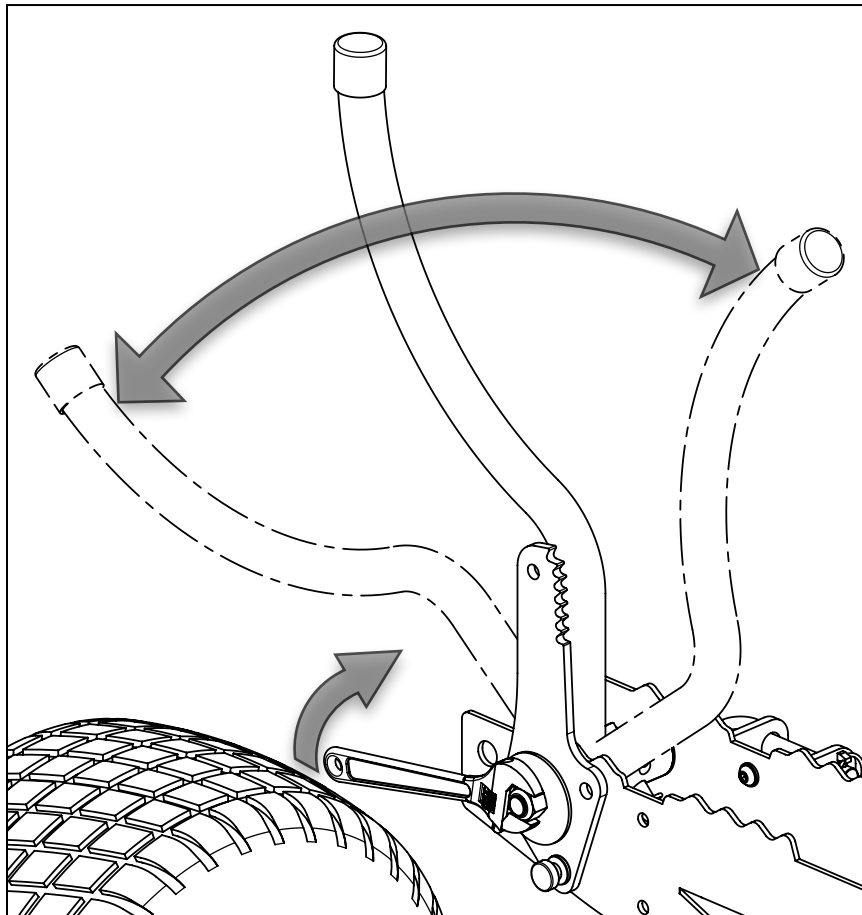
Using the components listed in the table below, assemble the four (4) log supports—two (2) per log rack—to the *inside* faces of the log racks on the trailer.

4x	Log Support Inner Spacer		4x	Log Support Outer Spacer	
4x	Log Support Bushing		4x	Log Support Locking Pin	
4x	Log Support		4x	Linch Pin	

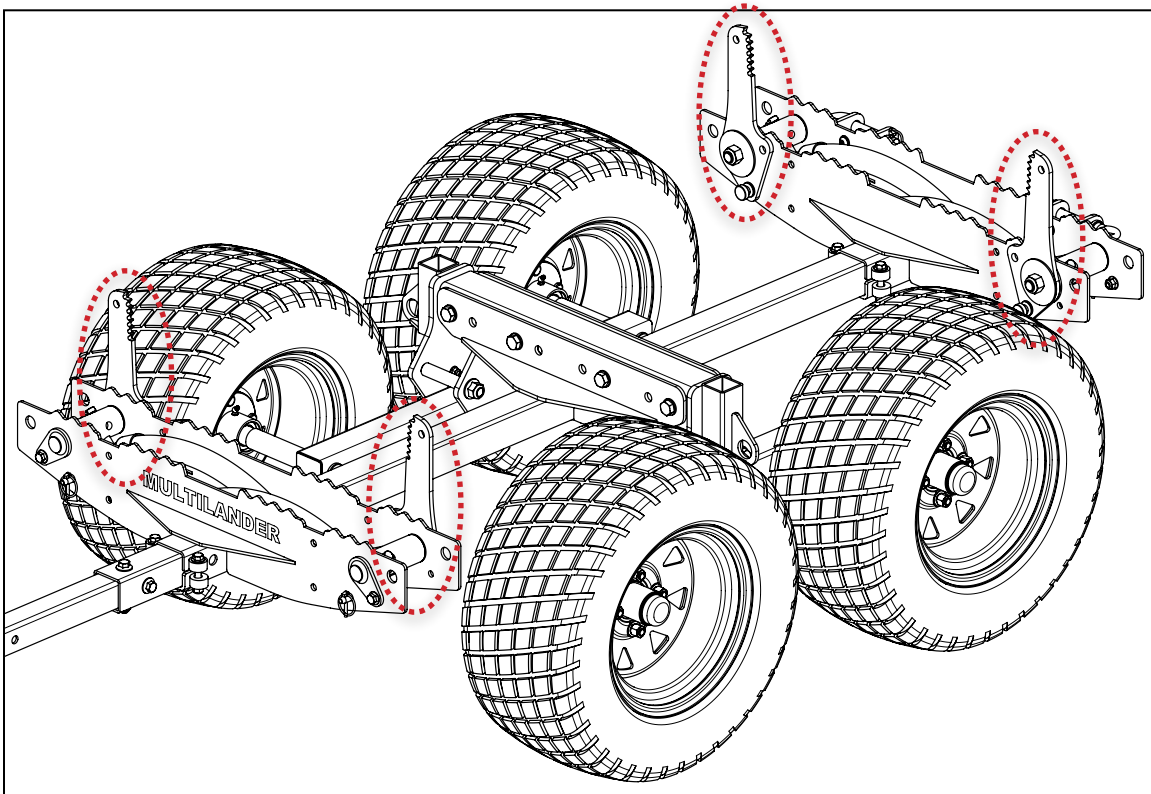
Rotate the four (4) green logging arms down into the stowed position if they are not already. The M18 lock nuts and flat washers on each logging arm swivel pin (4 places) will need to be removed first.



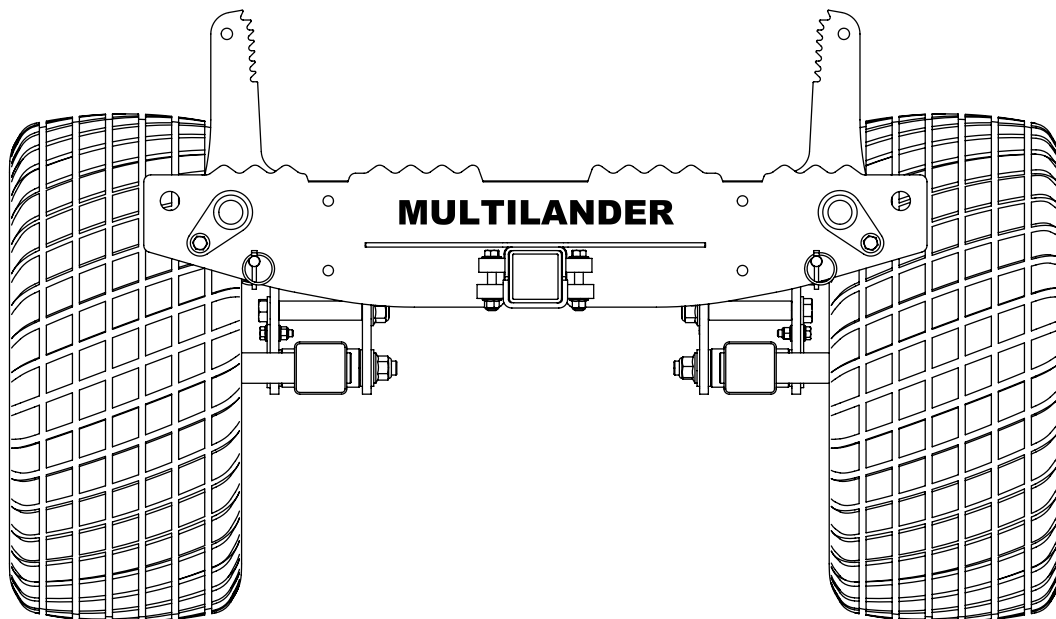
**REMOVE M18 LOCK NUT & WASHER****INSTALL BUSHING****INSTALL INNER SPACER****INSTALL LOG SUPPORT****INSTALL OUTER SPACER****RE-INSTALL M18 LOCK NUT**

**INSTALL LOCKING PIN AND LYNCH PIN****LOG SUPPORT INSTALLATION COMPLETE****M18 LOCK NUTS**

When re-installing the M18 lock nuts, rock the green logging arm up and down as the nut is tightened as shown to the left. The arm should be tight enough so that it moves when pushed with a little effort but not too loose so that it falls freely under its own weight.

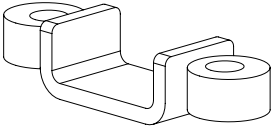
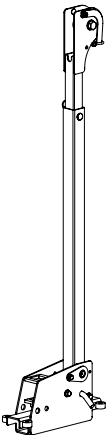
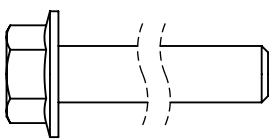



REPEAT LOG SUPPORT INSTALLATION ON ALL FOUR CORNERS

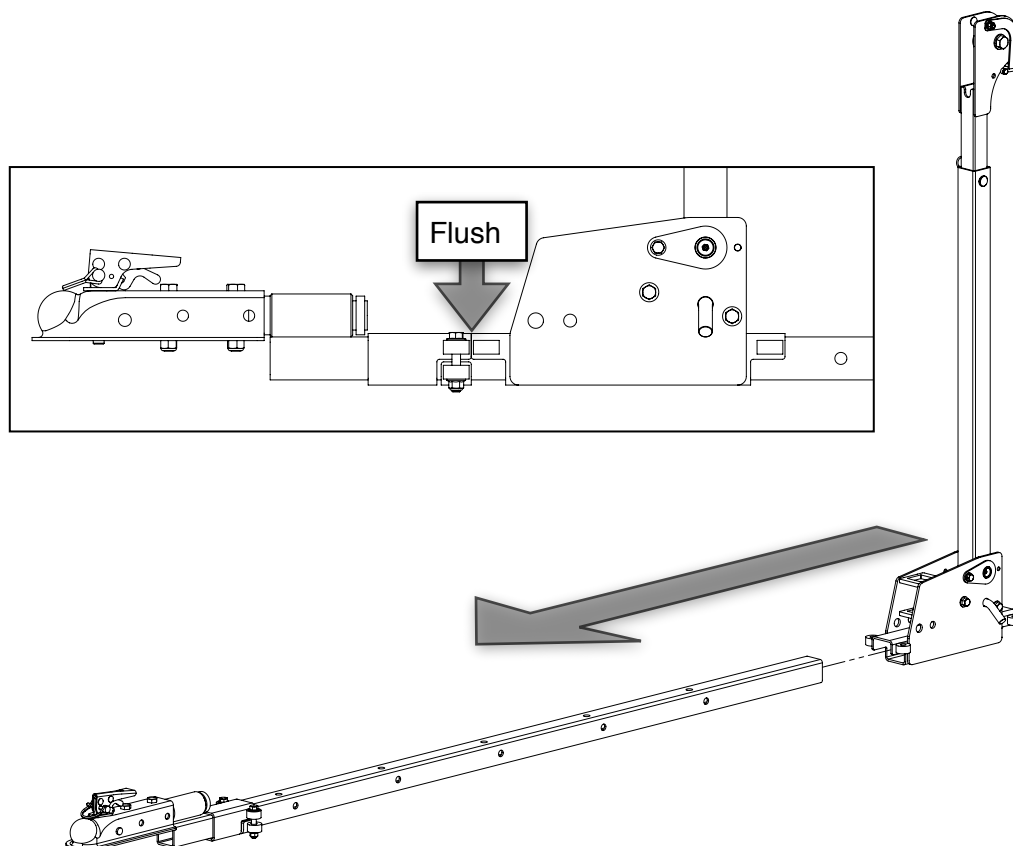


4. TELESCOPING BOOM

If it was not installed during the Multilander trailer assembly, install the telescoping boom using the hardware below. Consult the **Multilander Trailer Operator's Manual** for complete trailer assembly instructions.

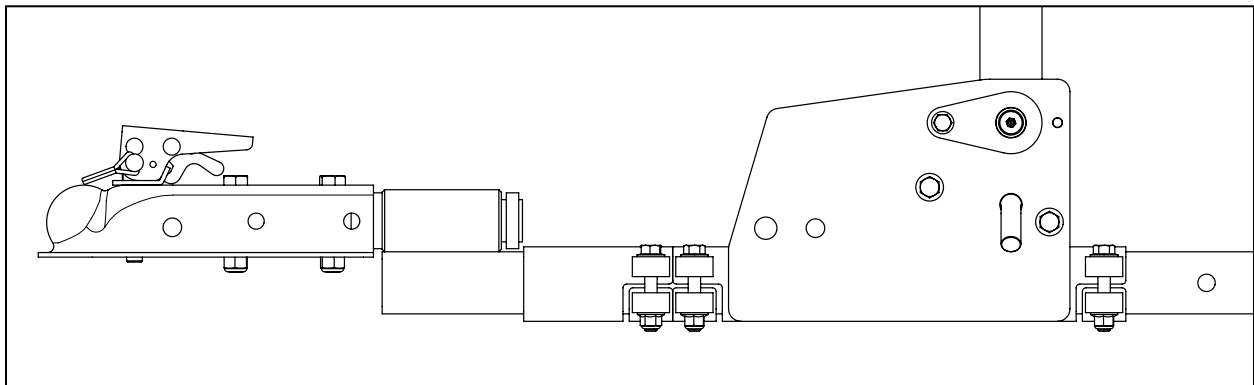
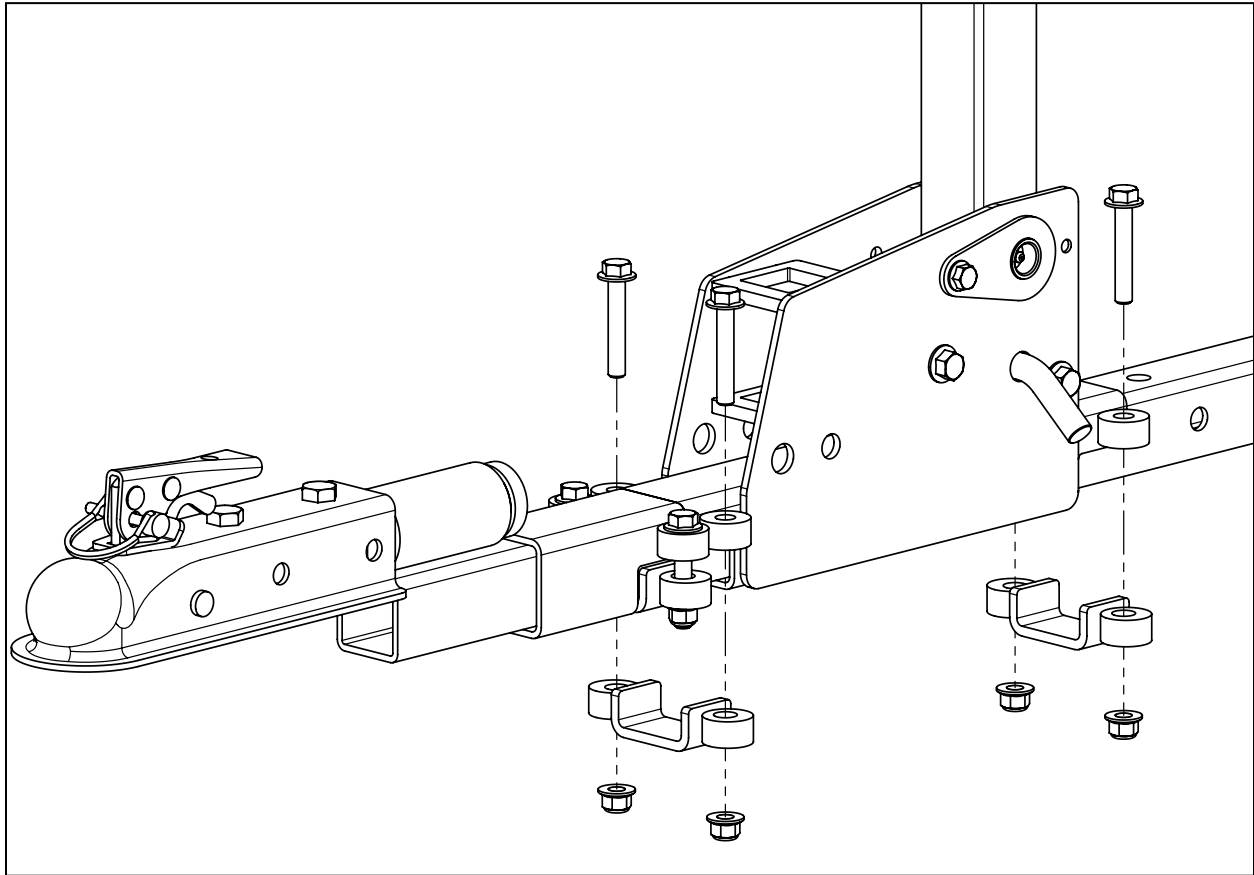
2x	Chassis Clamp (50 mm Wide)		1x	Telescoping Boom	
4x	M10 X 60 mm Flanged Hex Bolt				
4x	M10 Flanged Lock Nut				

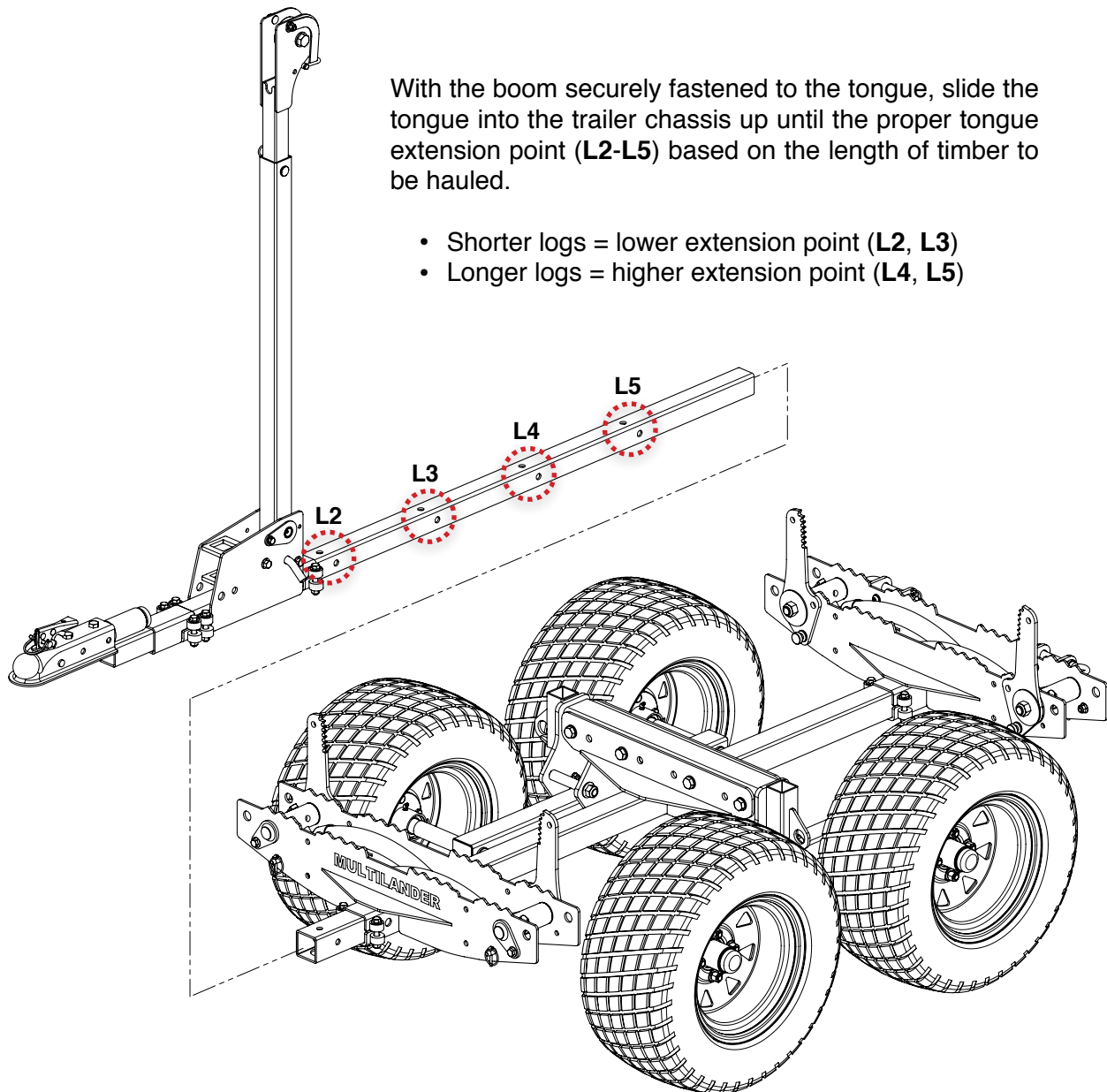
Slide the boom over the trailer's tongue until it mates flush with the jack support.



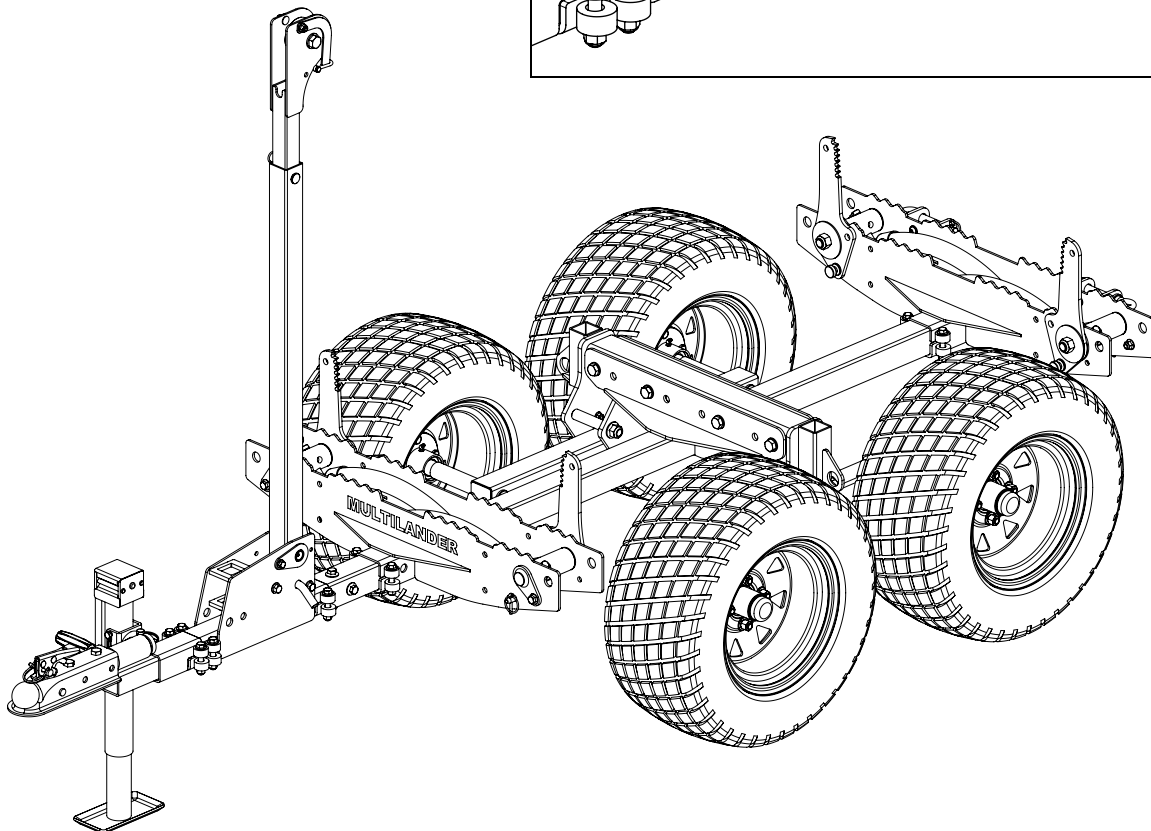
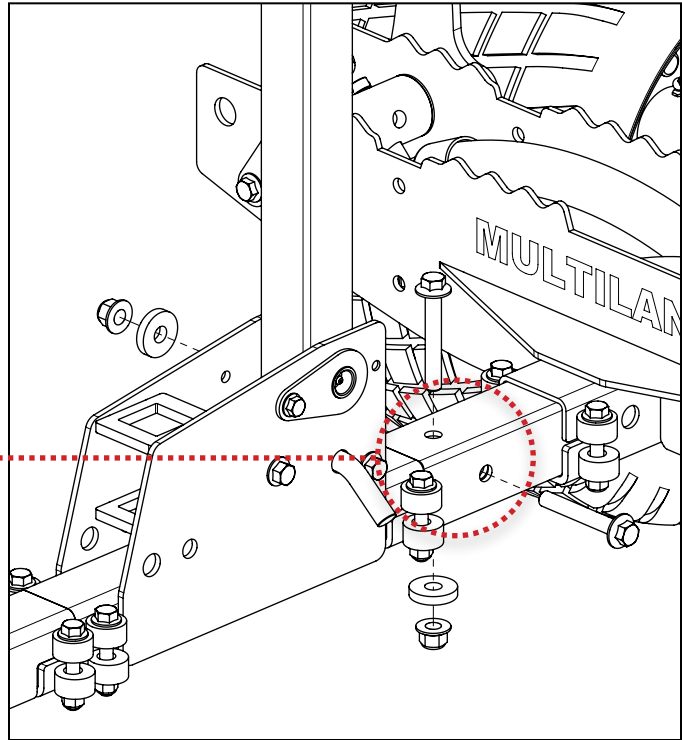
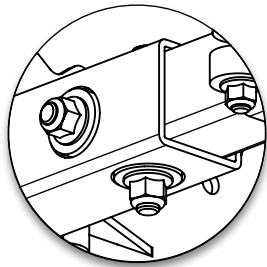


Secure the boom to the tongue with the two (2) chassis clamps, four (4) M10 X 60 mm flanged hex bolts, and four (4) M10 flanged lock nuts.



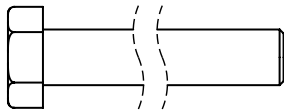
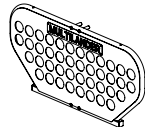
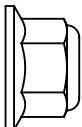
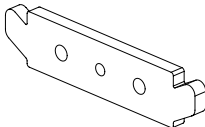
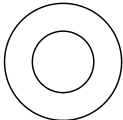


Using two (2) M12 X 80 mm flanged hex bolts, two (2) clamping disks, and two (2) M12 flanged lock nuts (part of Multilander Trailer assembly), securely fasten the tongue to the chassis. Ensure each clamping disk is centred in the large holes in the chassis *and* fully seated against the tongue when tight.

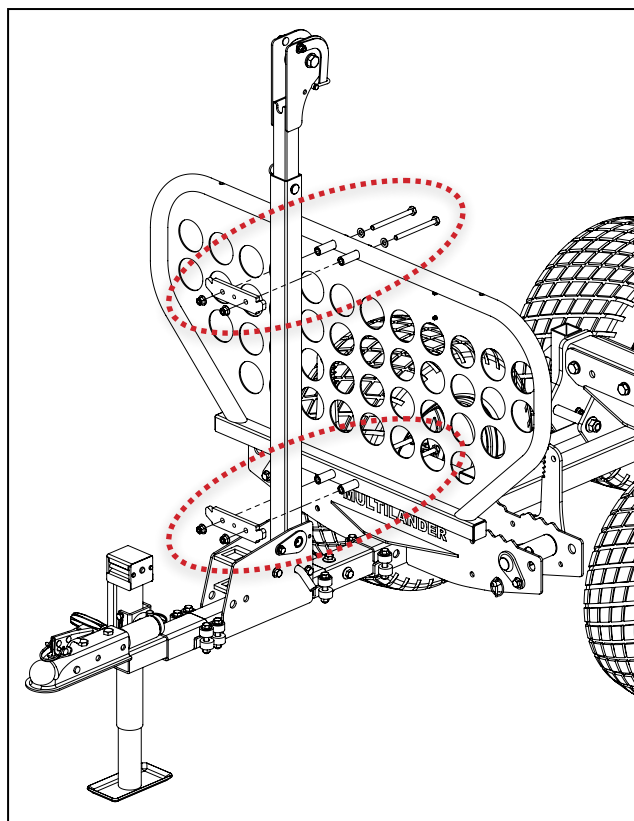
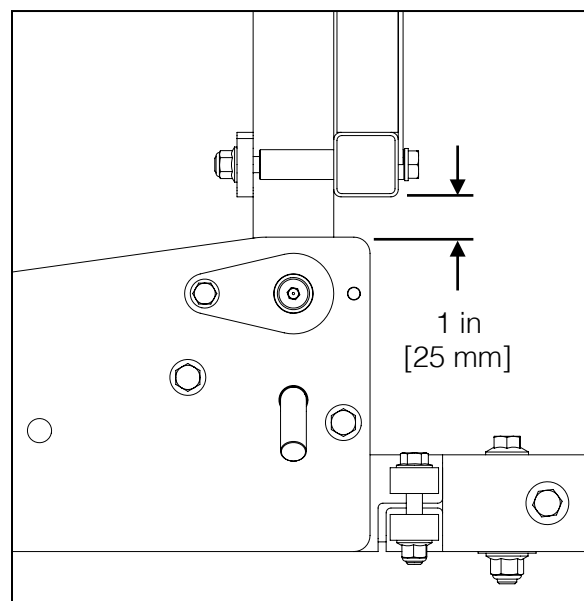


5. LOGGING CAGE

Using the hardware listed below, assemble the logging cage to the boom.

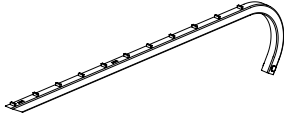
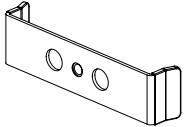
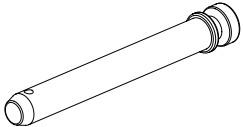
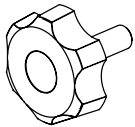
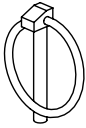
4x	M10 X 120 mm Hex Bolt		1x	Logging Cage	
4x	M10 Flanged Lock Nut		2x	Storage Hook	
4x	M10 Flat Washer				

Using the four (4) M10 X 120 mm hex bolts, M10 flat washers, M10 lock nuts, and the two (2) storage hooks, secure the logging cage to the boom. Take note to keep the bottom of the cage approximately 1 in [25 mm] off the top of the boom saddle as shown ***below-left***.

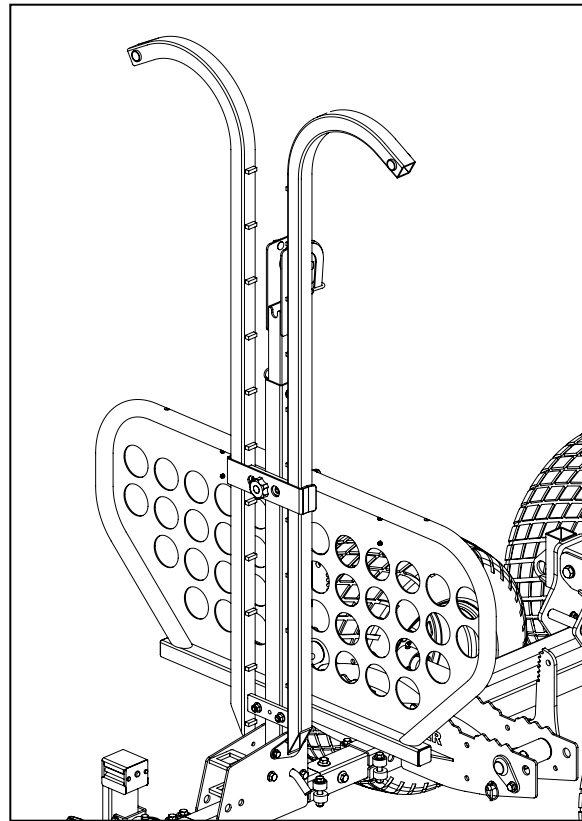
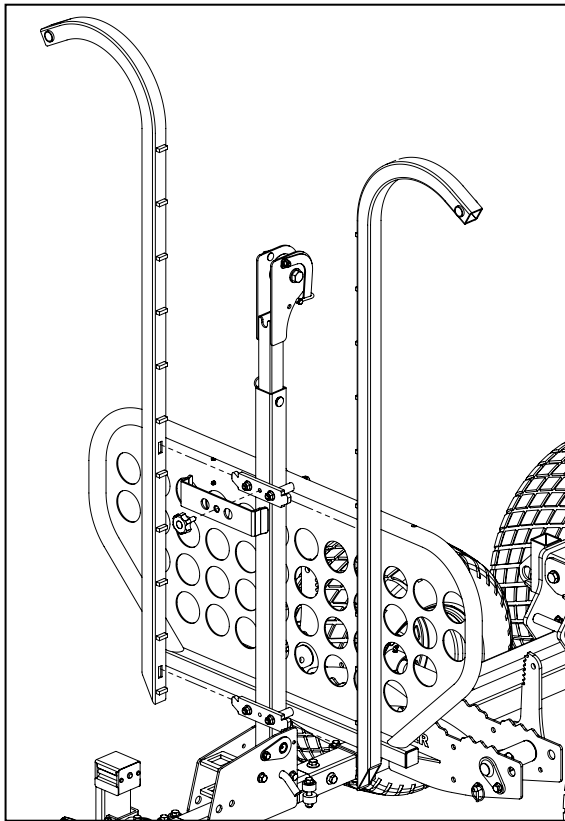


6. LOG RAMPS

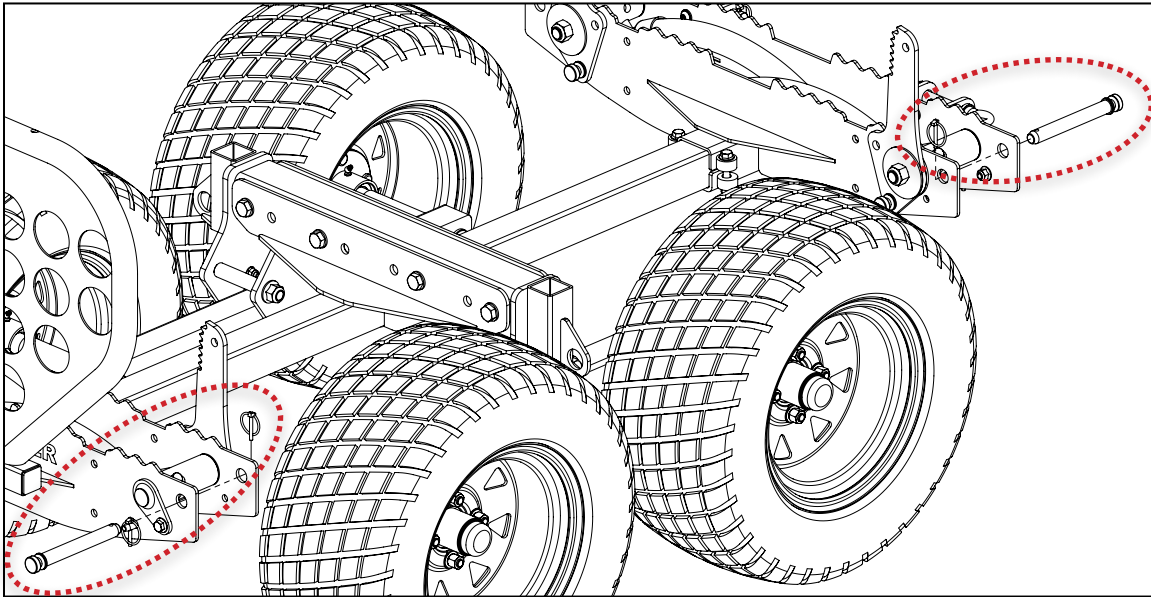
Mount the log loading ramps to the boom using the components in the table below.

2x	Log Ramp Leg		1x	Storage Clamp	
2x	Hitch Pin		1x	Knob	
2x	Linch Pin				

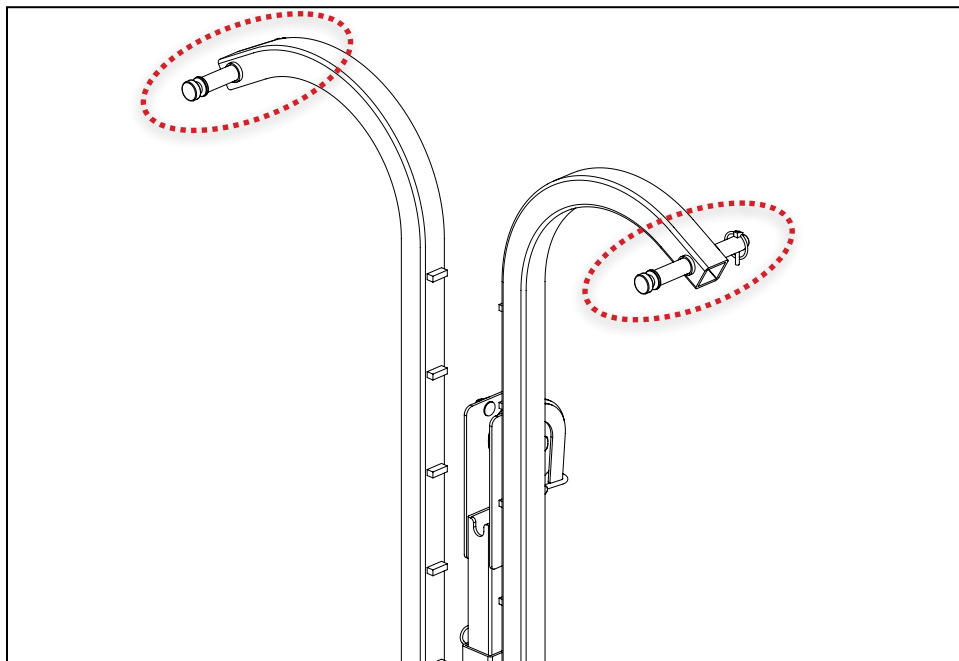
Attach the ramp legs to the boom by inserting the two (2) storage hooks into the rectangular slots in each leg. Secure them with the storage clamp and knob.



With the log loading ramp legs in the storage position, the hitch pins can be stored on the log racks (left or right side):

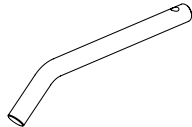
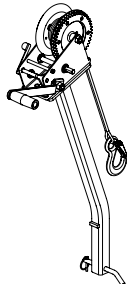
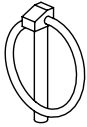


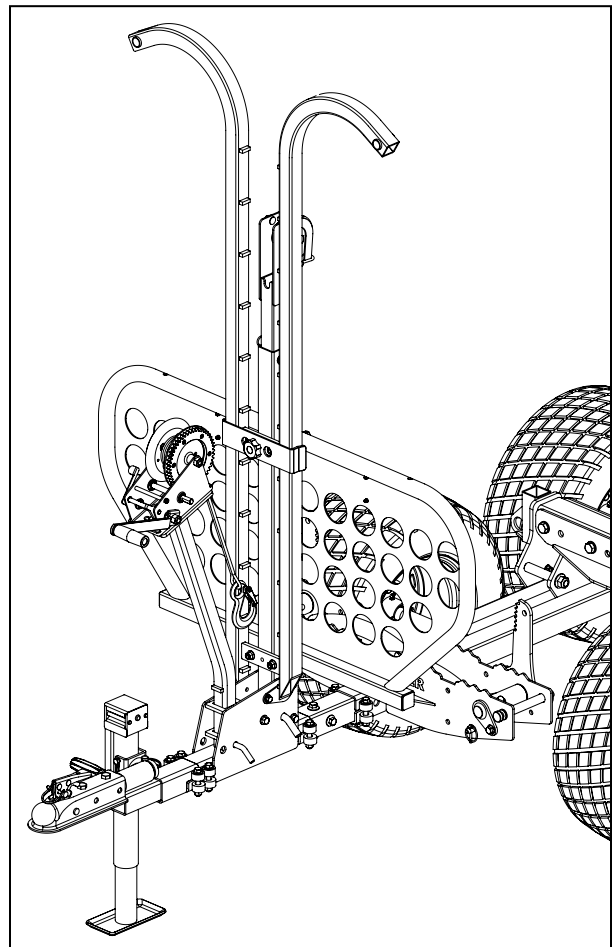
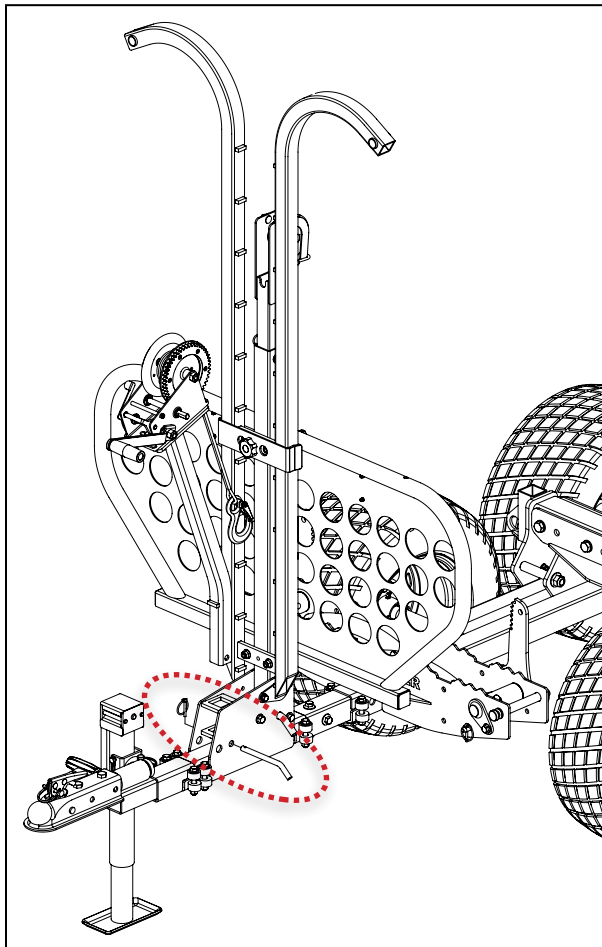
Or the hitch pins can be stored on the ramp legs themselves:



7. WINCH

Install the winch into the receiver on the boom saddle and insert the bent clevis pin through both. Secure the clevis in place with the linch pin.

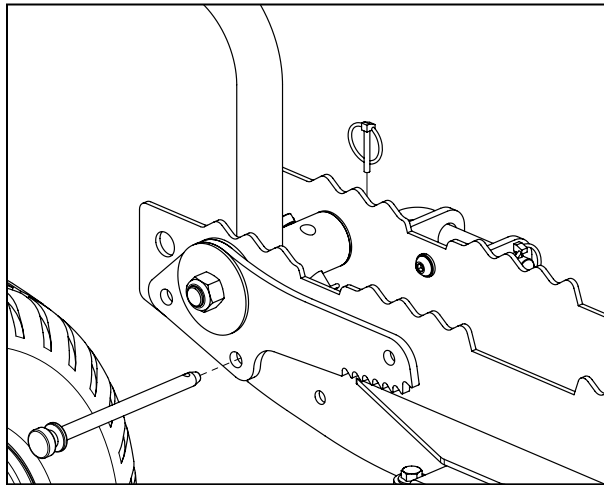
1x	Bent Clevis Pin		1x	Winch	
1x	Linch Pin				



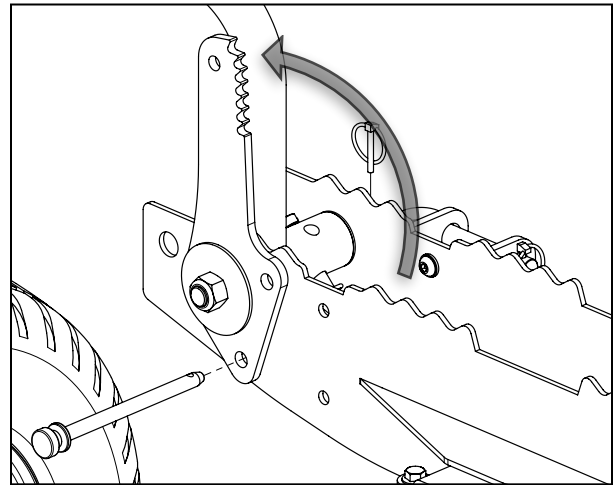
OPERATION

LOG LOADING RAMP SETUP

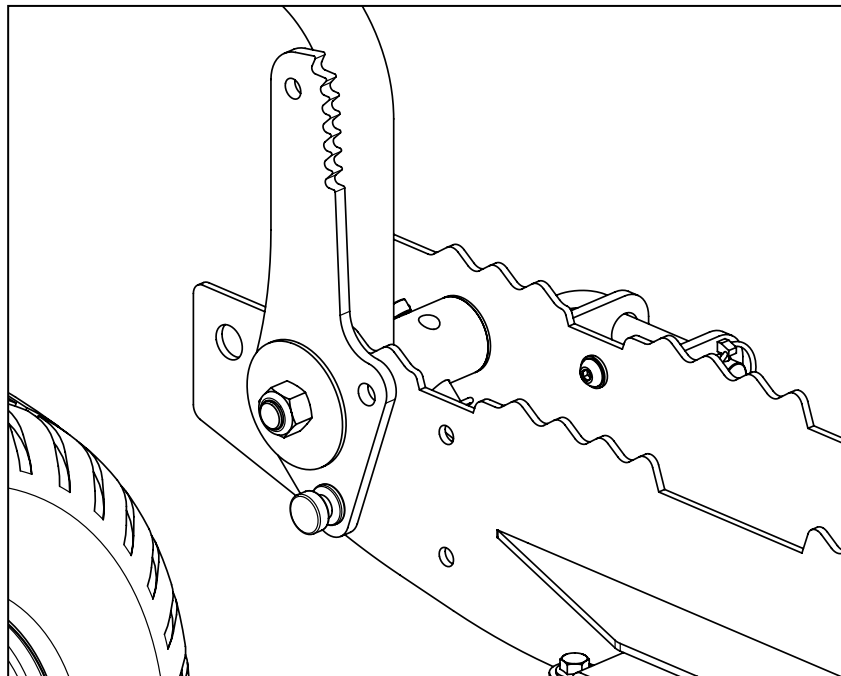
To set up the trailer for side-loading logs, start by rotating all four (4) log supports to they are pointing straight up (teeth pointing toward trailer centreline) as shown below.



REMOVE LOCKING PIN AND LINCH PIN

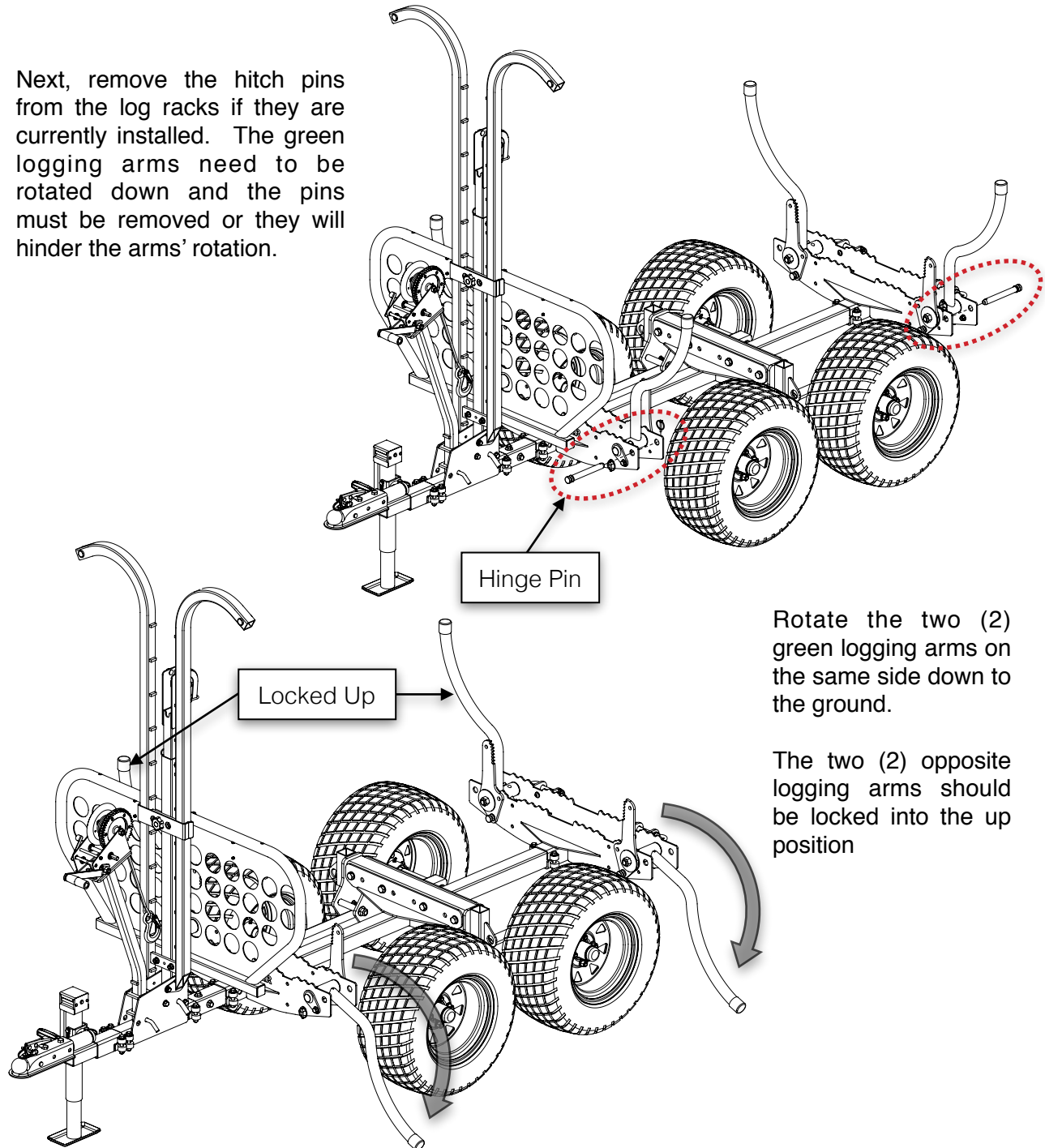


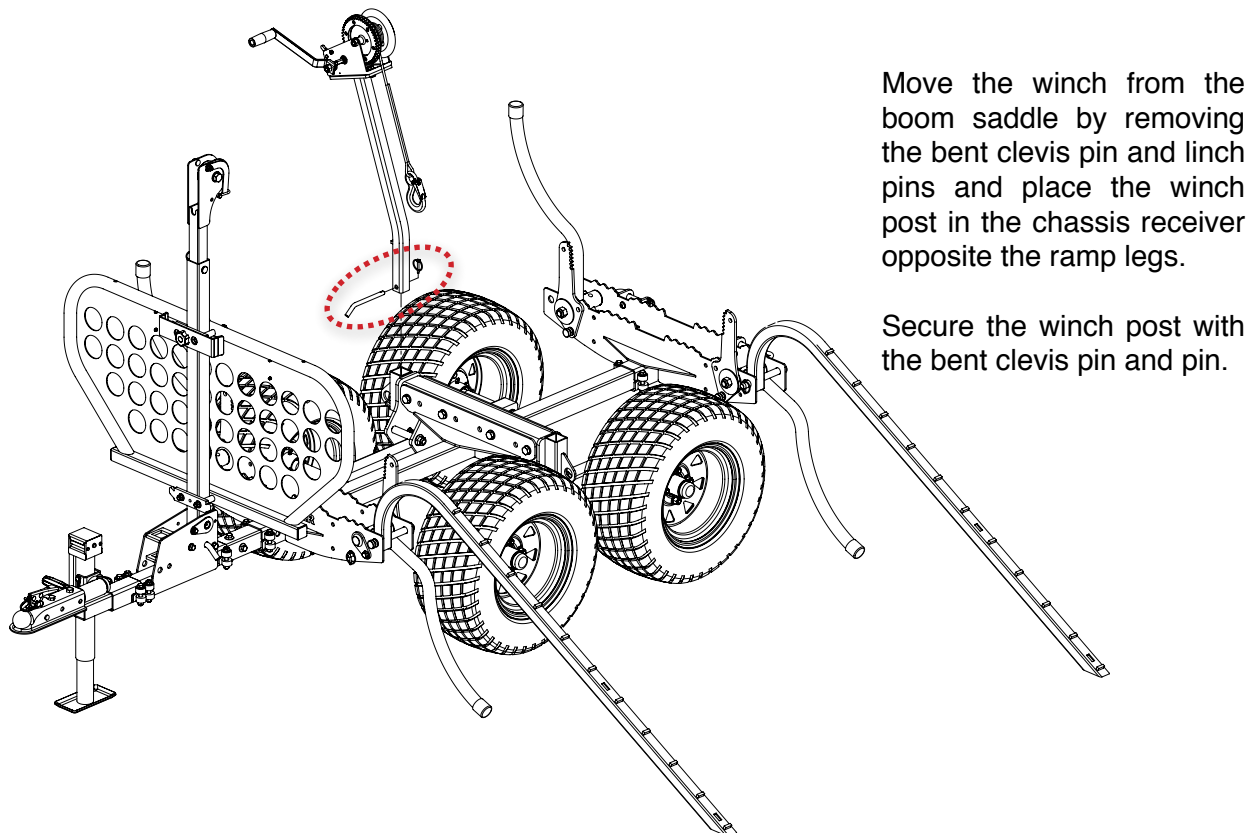
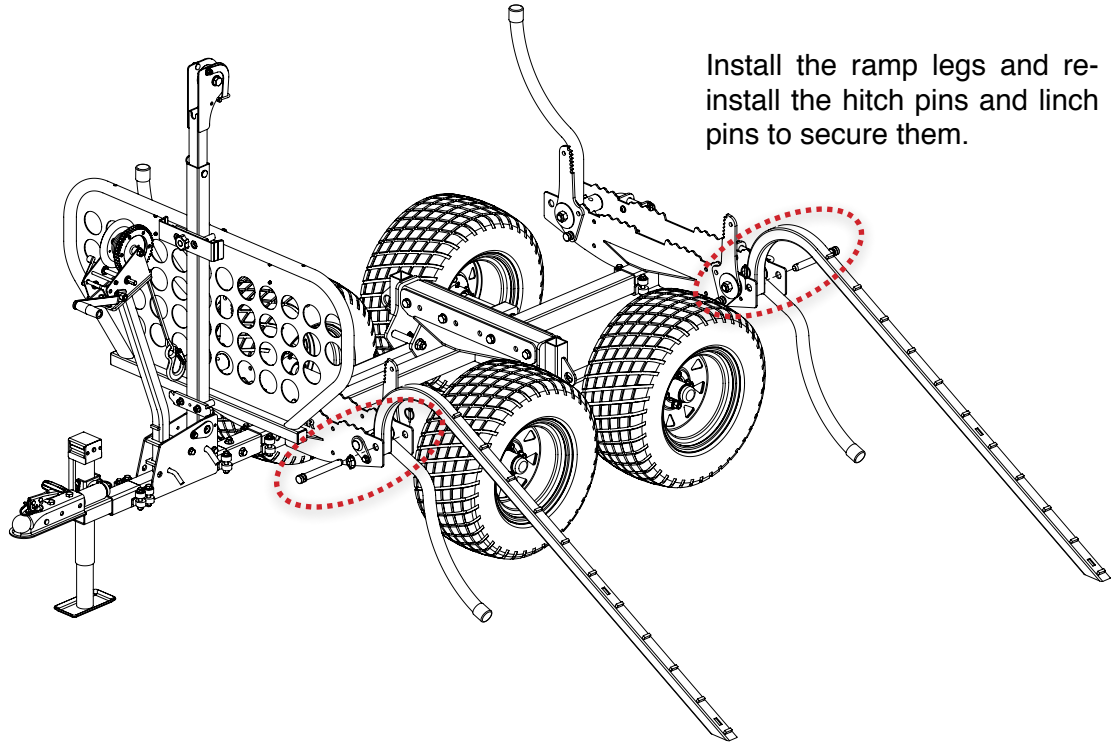
**ROTATE LOG SUPPORT UP 90° AND THEN
RE-INSTALL LOCKING PIN AND LINCH PIN**

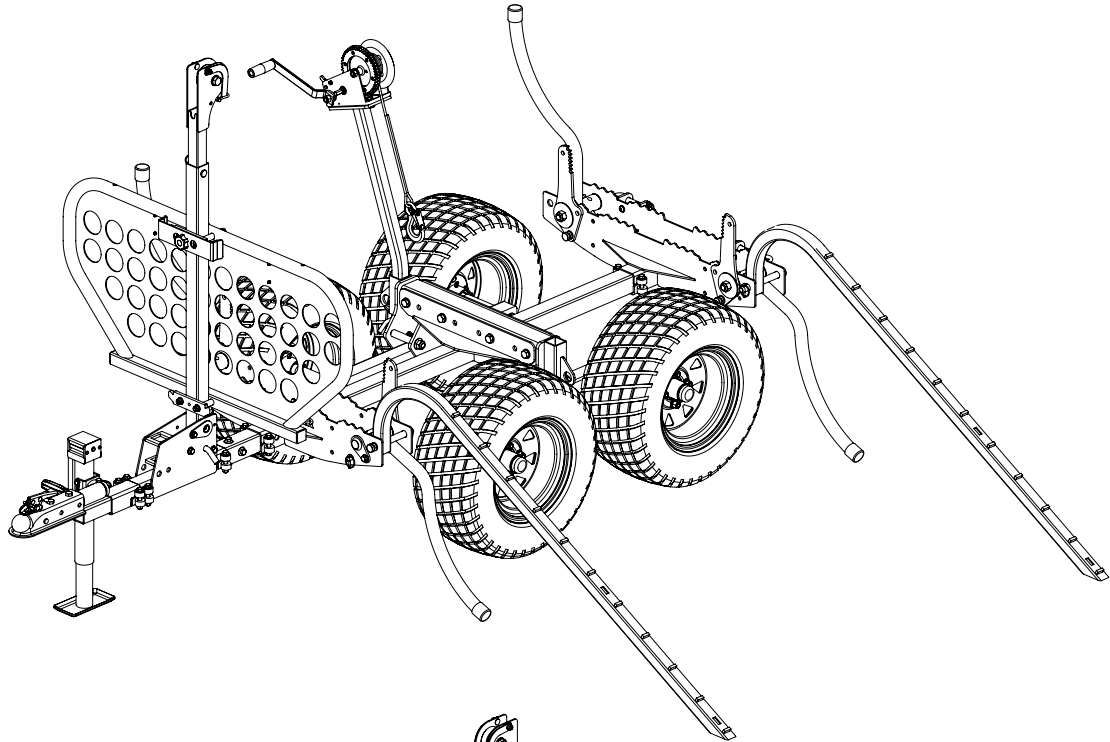


REPEAT FOR ALL FOUR (4) LOG SUPPORTS

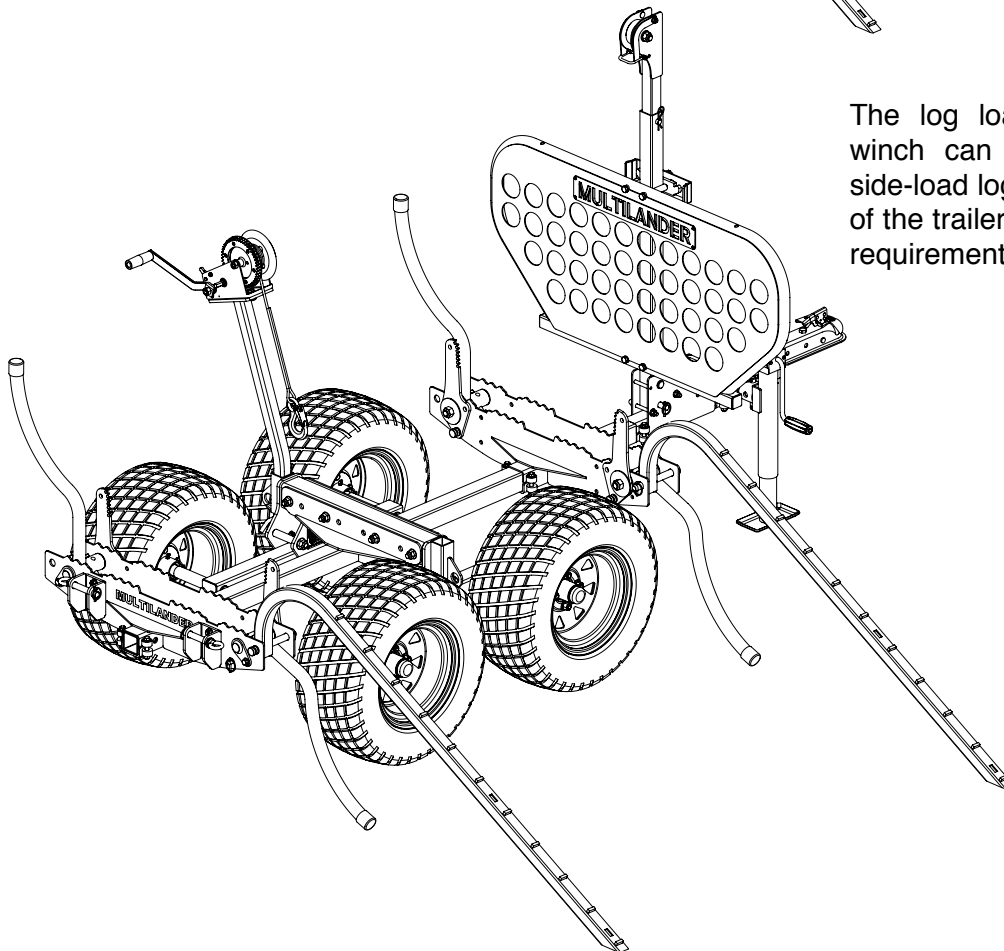
Next, remove the hitch pins from the log racks if they are currently installed. The green logging arms need to be rotated down and the pins must be removed or they will hinder the arms' rotation.







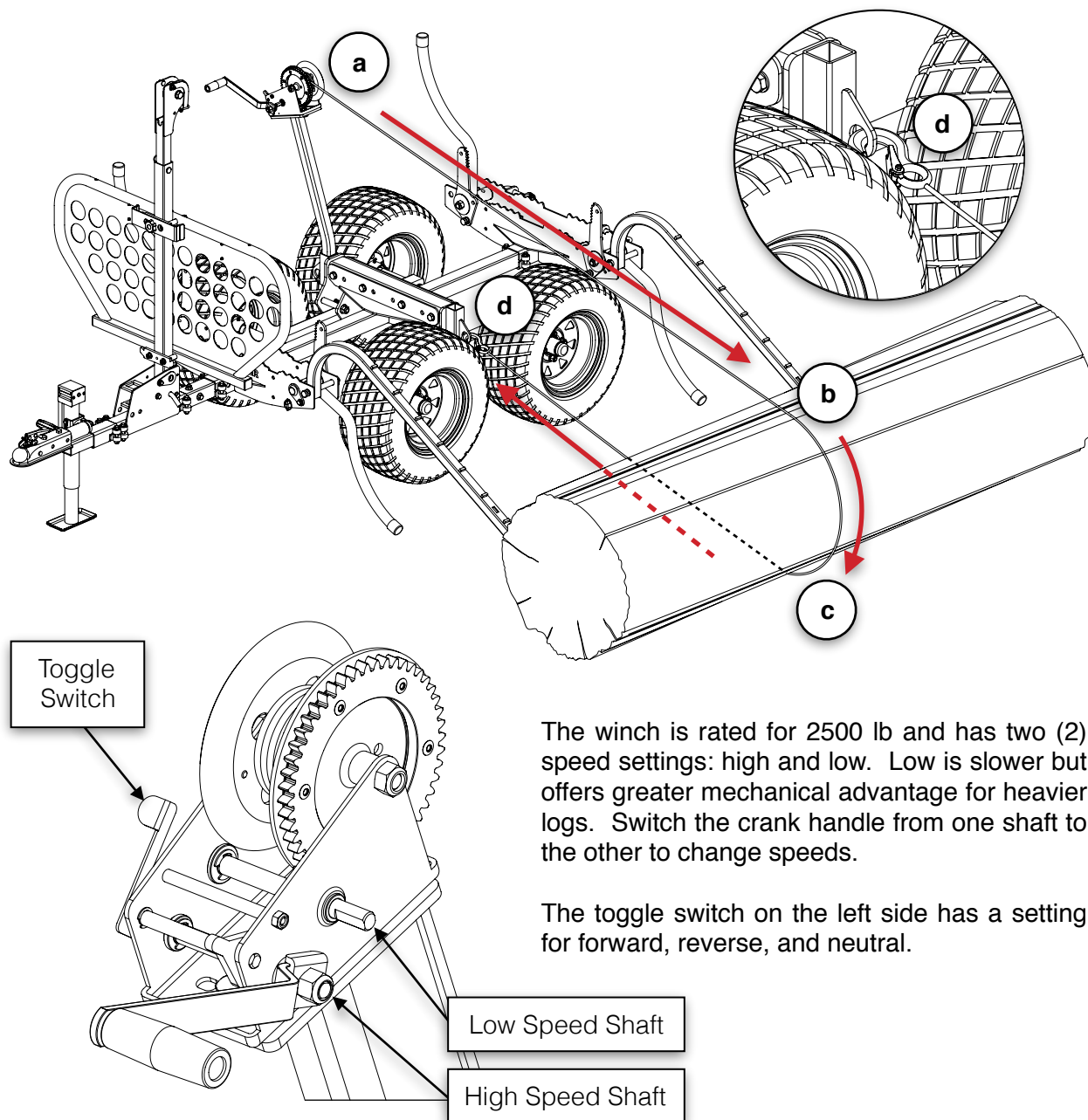
The log loading ramps and winch can be positioned to side-load logs from either side of the trailer depending on the requirements of the operator.



WINCHING A LOG

When winching a log, route the rope as follows:

- Start at the winch →
- Route over the top of the log ↗
- Around and underneath the log ↶
- And then secure the winch hook to the eyelet located on the side of the grey index tube.





PARTS LIST

Item	Qty	Part No.	Description
1	1	0002390	BOOM SADDLE
2	1	0002391	BOOM SLEEVE
3	1	0002392	SWIVEL PIN, BOOM
4	2	0002299	CHASSIS CLAMP, 50 mm WIDE BEAM
5	1	0002394	BOOM EXTENSION
6	1	0002395	V-GROOVE PULLEY, 75 mm OD, 60 mm GROOVE, 16 mm SHAFT
7	1	0002396	PIVOTING CABLE BOOM HOOK
8	1	0002428	LOGGING CAGE
9	2	0002429	STORAGE HOOK
10	1	0002430	STORAGE CLAMP
11	1	0002431	MULTILANDER NAMEPLATE
12	2	0002421	LOG LOADING RAMP LEG
13	2	0002303	HITCH PIN, 20 DIA X 158 mm LG
14	4	0002416	LOG SUPPORT BUSHING
15	4	0002417	LOG SUPPORT INNER SPACER
16	4	0002418	LOG SUPPORT
17	4	0002419	LOG SUPPORT OUTER SPACER
18	4	0002420	LOG SUPPORT LOCKING PIN
19	1	0001451	TRAILER WINCH POST
20	1	0001452	WINCH, 2500 lb
21	1	0001532	SYNTHETIC ROPE W/ 7/8-8 WLL2T HOOK, 30 ft [9.1 m] LG
22	1	0002400	BENT-PULL CLEVIS PIN, 12 mm DIA, 105 mm USEABLE LG
23	1	0002750	BENT-PULL CLEVIS PIN, 16 mm DIA, 85 mm USABLE LG
24	1	HDW	CLEVIS-PIN, 15.5 mm DIA, 50 mm USABLE LENGTH
25	8	HDW	LINCH PIN, 3/16 in DIA, 1 in USEABLE LG
26	1	HDW	HAIRPIN COTTER PIN, 10-16 mm CLEVIS, 3 mm WIRE DIA
27	1	HDW	KNOB, MULTI-LOBE, 48 mm OD, M10 X 1.5, 25 mm LG
28	4	HDW	BUTTON HEAD SCREW, M4 X 0.7, 14 mm LG
29	2	HDW	CARRIAGE BOLT, SQ NECK, M8 X 1.25, 20 mm LG
30	1	HDW	GREASE FITTING, STRAIGHT, M6 X 1 TAPERED THD
31	1	HDW	HEX BOLT, M6 X 1, 70 mm LG, 18 mm LG THD
32	2	HDW	HEX BOLT, M10 X 1.5, 25 mm LG
33	4	HDW	HEX BOLT, M10 X 1.5, 120 mm LG, 26 mm LG THD
34	1	HDW	HEX BOLT, M16 X 2, 75 mm LG, 38 mm LG THD
35	1	HDW	HEX BOLT, FLANGED, M8 X 1.25, 25 mm LG
36	4	HDW	HEX BOLT, FLANGED, M10 X 1.5, 60 mm LG, 26 mm LG THD
37	2	HDW	HEX BOLT, FLANGED, M10 X 1.5, 90 mm LG, 26 mm LG THD
38	3	HDW	LOCK NUT, FLANGED, M8 X 1.25

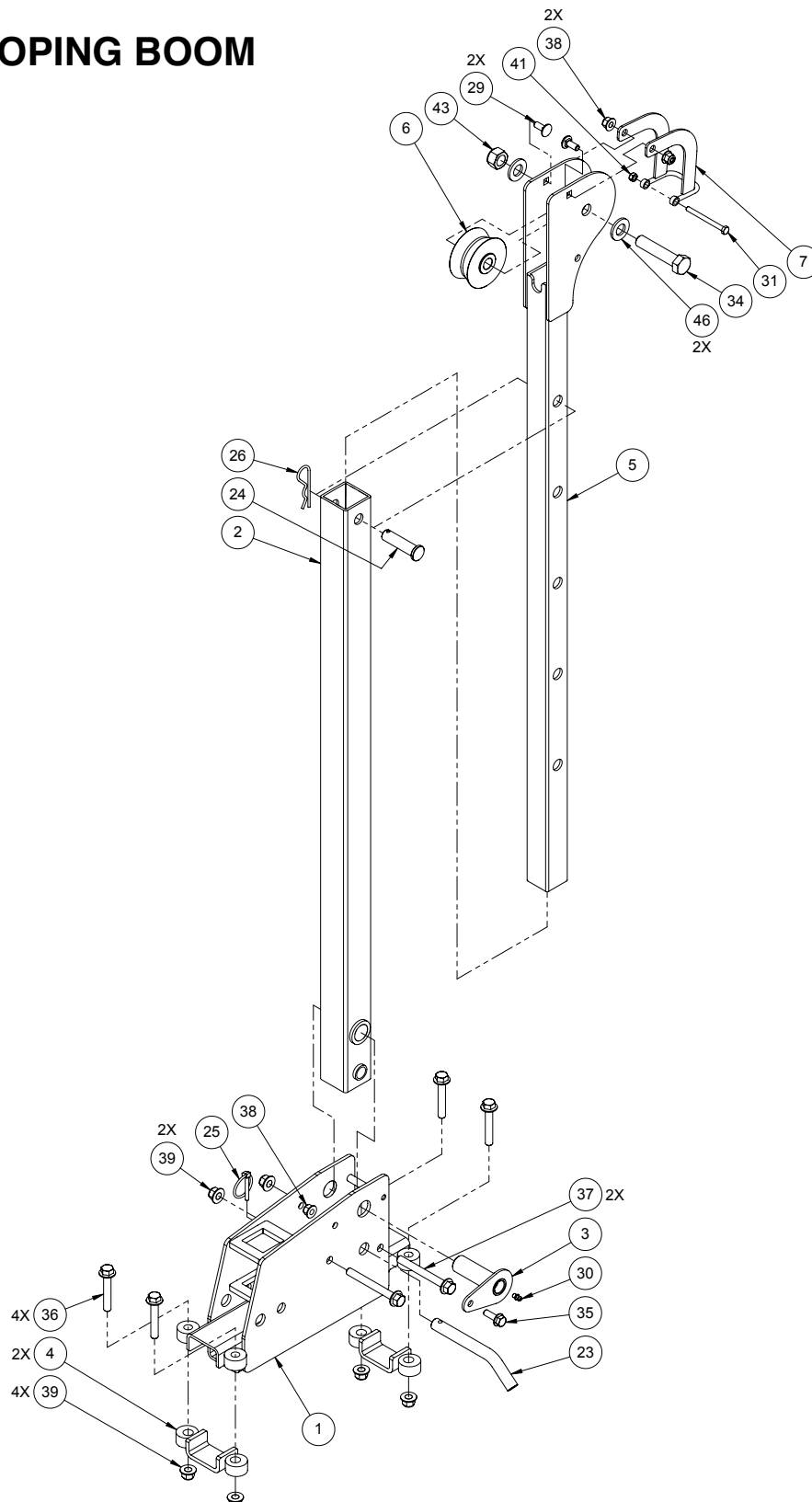


Item	Qty	Part No.	Description
39	10	HDW	LOCK NUT, FLANGED, M10 X 1.5
40	4	HDW	LOCK NUT, M4 X 0.7
41	1	HDW	LOCK NUT, M6 X 1
42	2	HDW	LOCK NUT, M10 X 1.5
43	1	HDW	LOCK NUT, M16 X 2
44	4	HDW	FLAT WASHER, M4
45	8	HDW	FLAT WASHER, M10
46	2	HDW	FLAT WASHER, M16



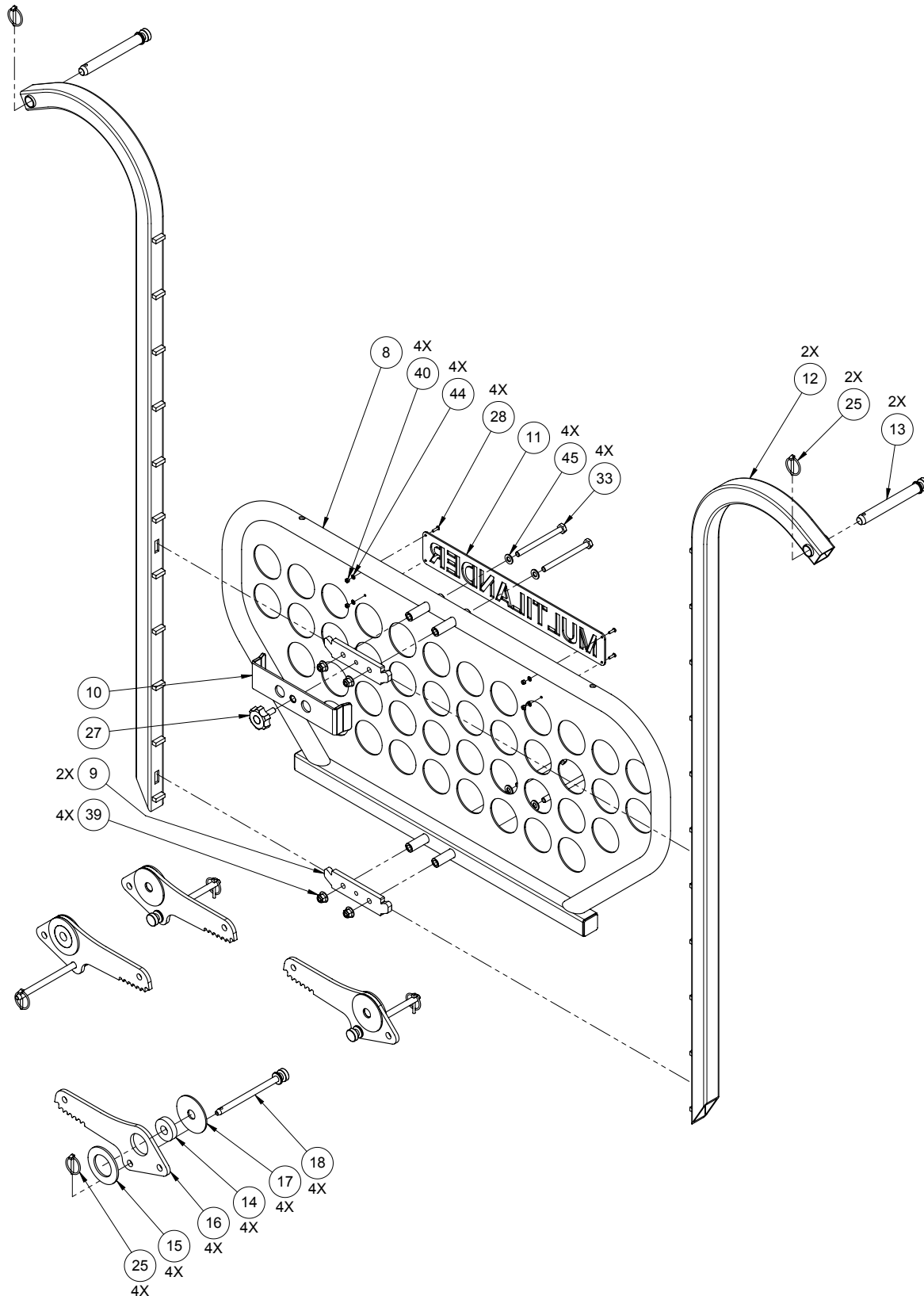
EXPLODED ASSEMBLY VIEWS

TELESCOPING BOOM



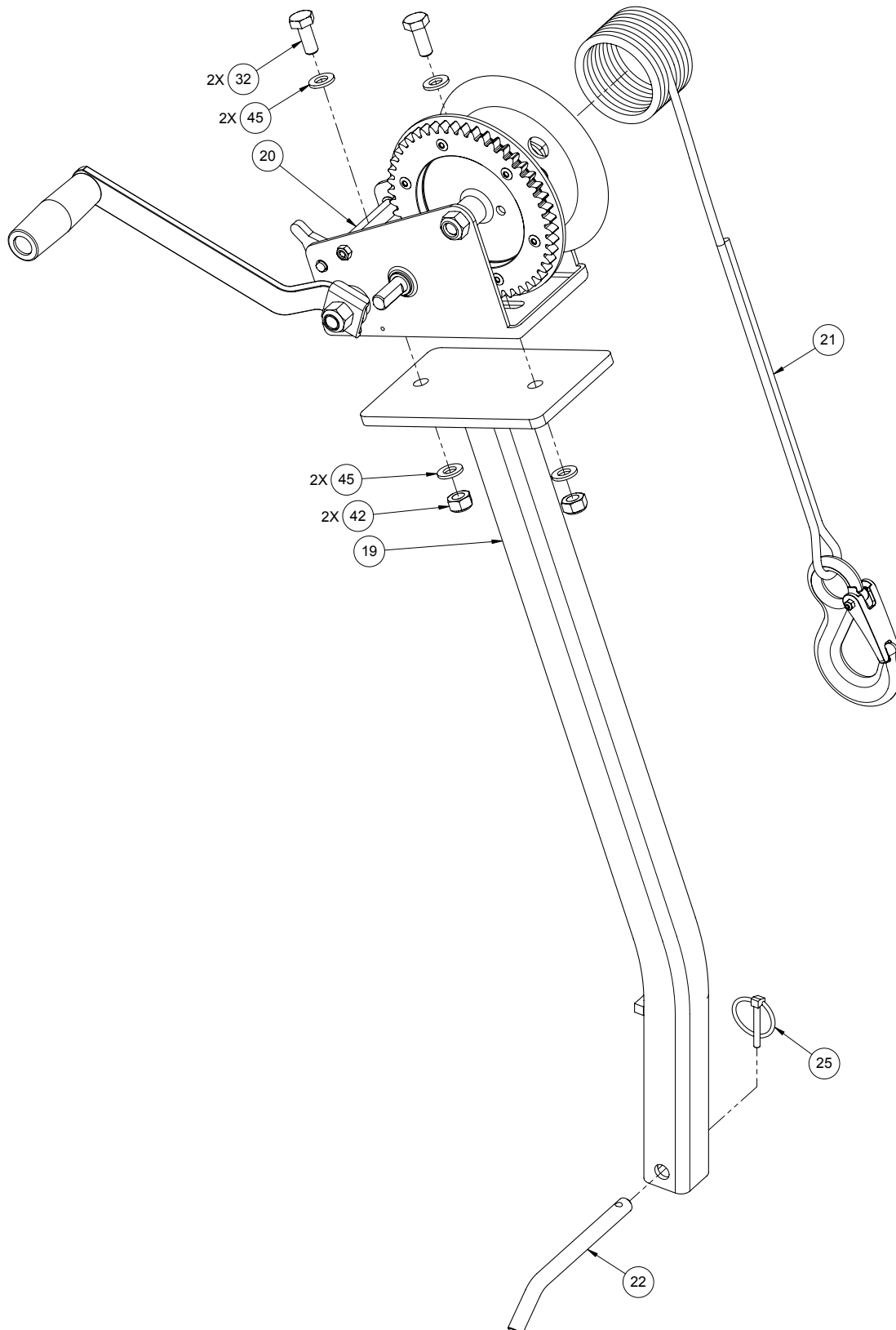


PRO LOGGING KIT





HINGE PLATES





NOTES

Lined area for notes, consisting of 25 horizontal lines.



Lined area for notes or additional information, consisting of multiple horizontal lines.



Lined area for notes or additional information, consisting of multiple horizontal lines.

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