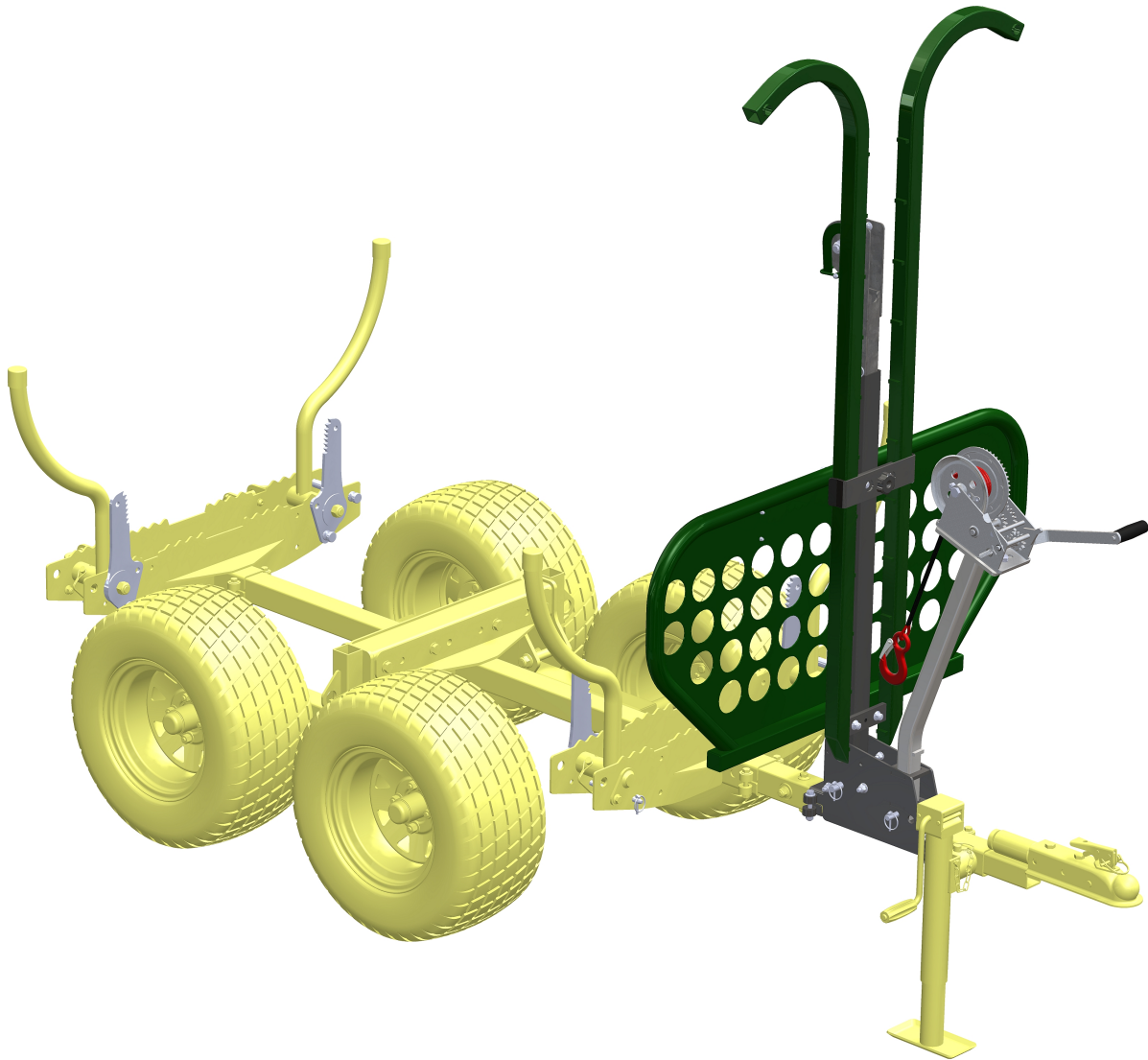


# MULTILANDER™ ACCESSORY



## PRO LOGGING OPERATOR'S MANUAL



DISCOVER THE WOODLAND™

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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.



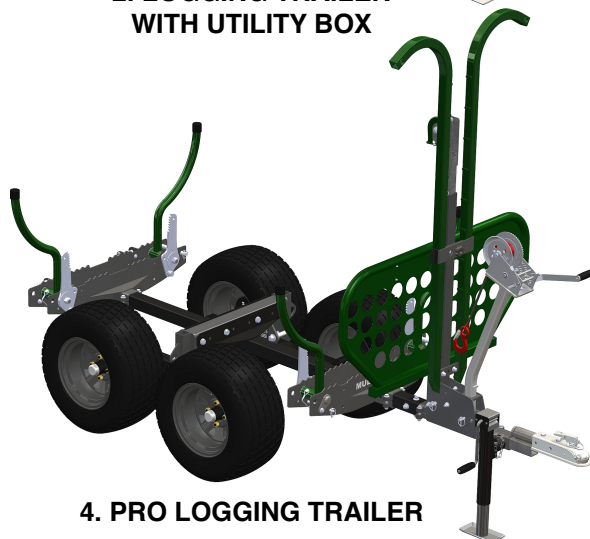
1. LOGGING TRAILER



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





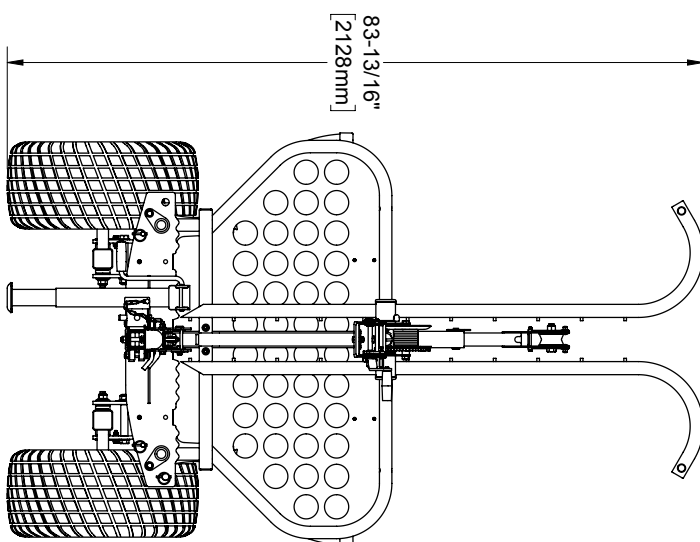
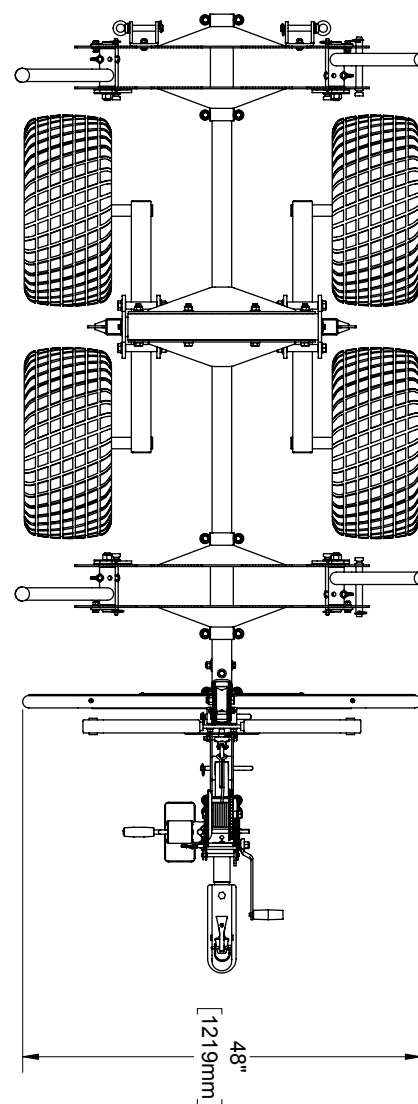
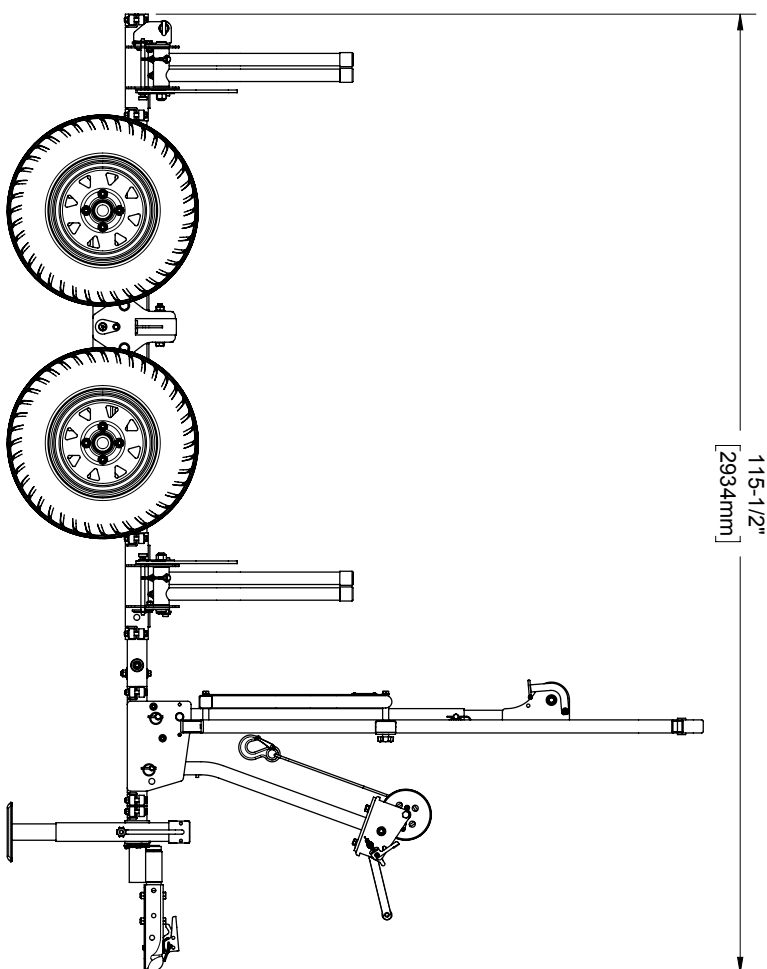
## TECHNICAL SPECIFICATIONS

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]

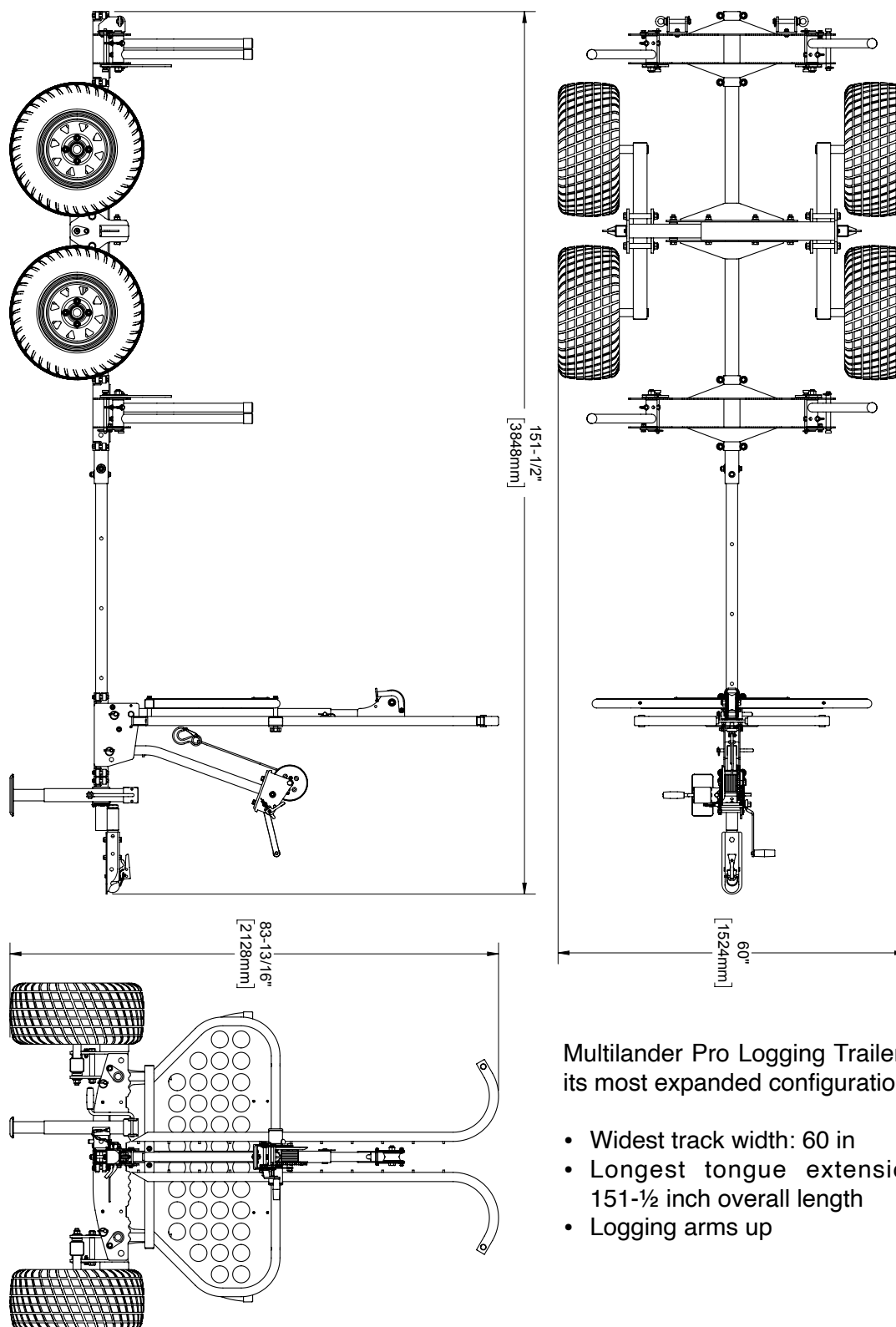
## OVERALL DIMENSIONS—MIN



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:  $151\frac{1}{2}$  inch overall length
- Logging arms up

## PRO LOGGING ASSEMBLY

### 1. TOOLS REQUIRED

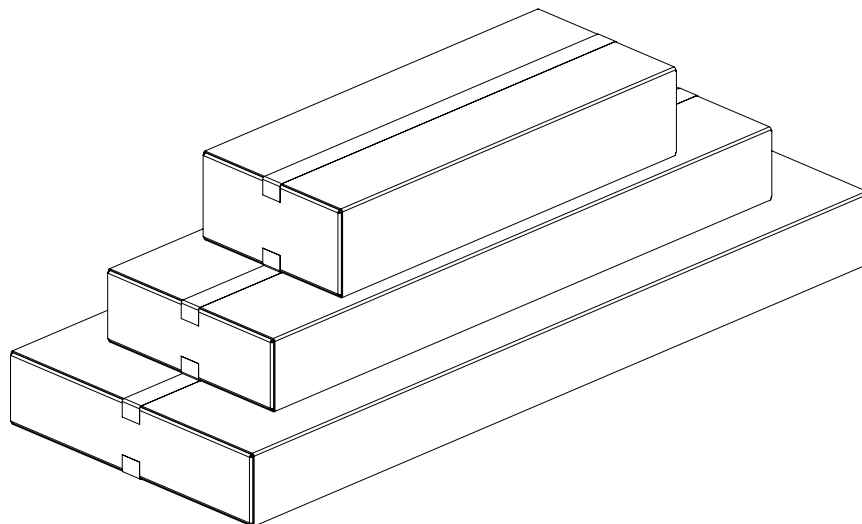
Tool	Specification
Wrench/Socket	8 mm
Wrench/Socket	9 mm
Wrench/Socket	10 mm
Wrench/Socket	13 mm
Wrench/Socket	14 mm
Wrench/Socket	15 mm
Wrench/Socket	18 mm
Hex Key	Set of Metric Hex Keys (e.g. 2-10 mm)
Adjustable Wrench	Variable
Torque Wrench	Capable of 161 ft•lb (218 N•m)



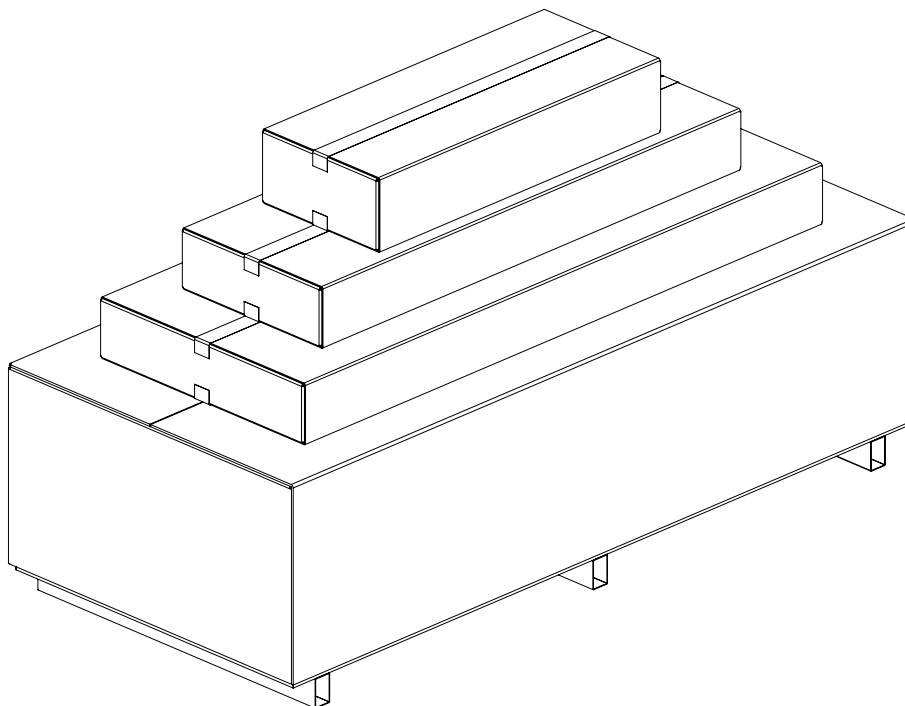


## 2. SHIPPING & UNPACKING

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.

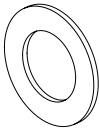
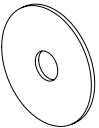

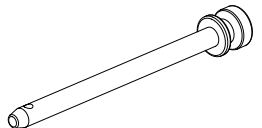
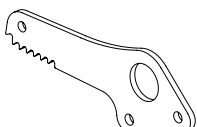
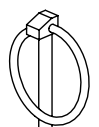


When purchased as the Multilander Pro Logging Trailer configuration, the three (3) boxes ship stacked with the Multilander Logging Trailer as shown below.

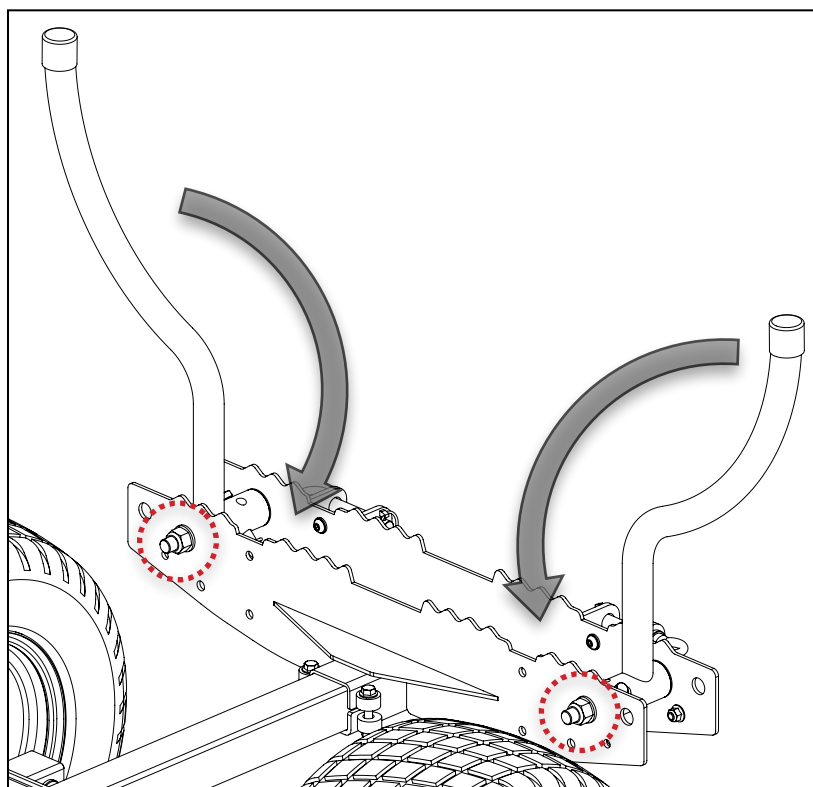


### 3. LOG SUPPORTS

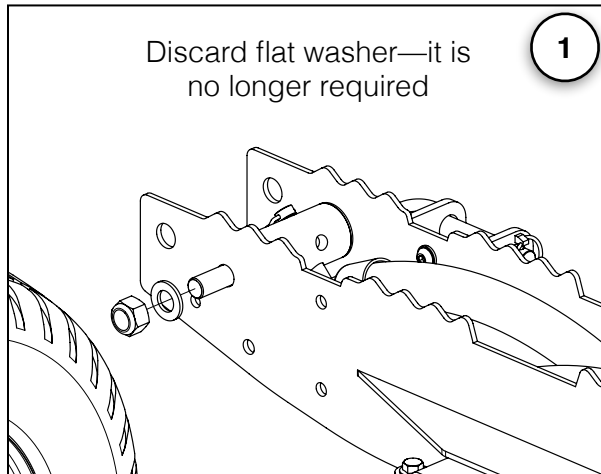
Using the components listed in the table below, assemble the four (4) log supports—two (2) per log rack—to the *inside* faces of the log racks on the trailer.

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	

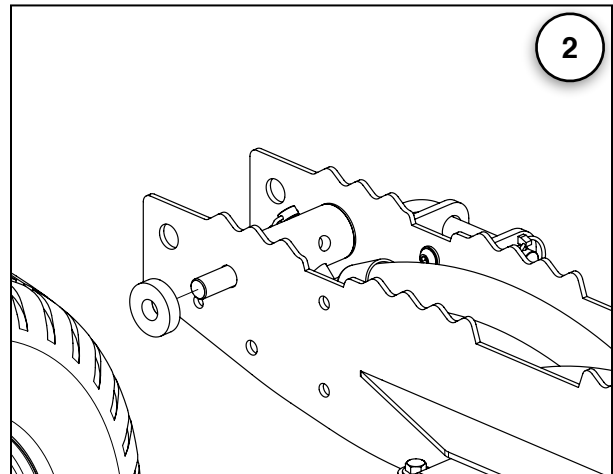
Rotate the four (4) green logging arms down into the stowed position if they are not already. The M18 lock nuts and flat washers on each logging arm swivel pin (4 places) will need to be removed first.



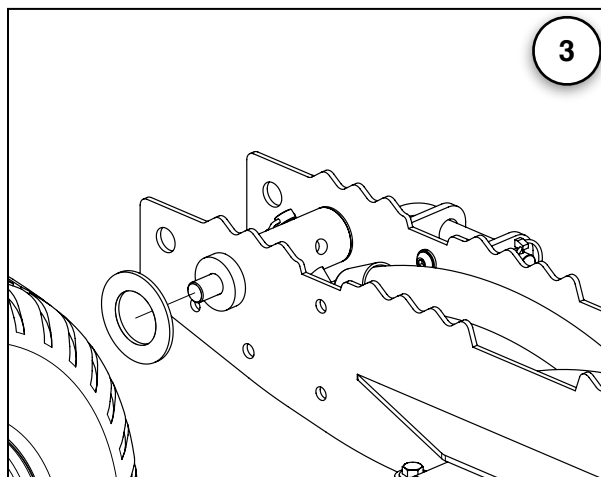




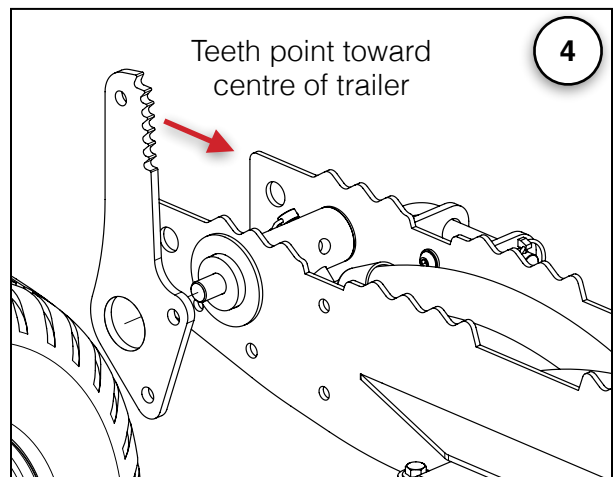
**REMOVE M18 LOCK NUT & WASHER**



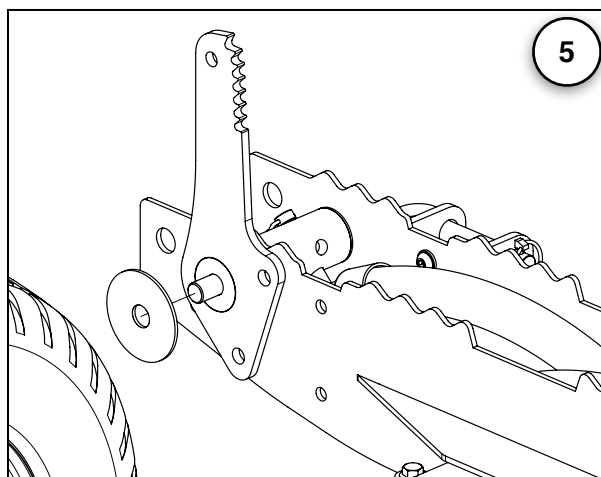
**INSTALL BUSHING**



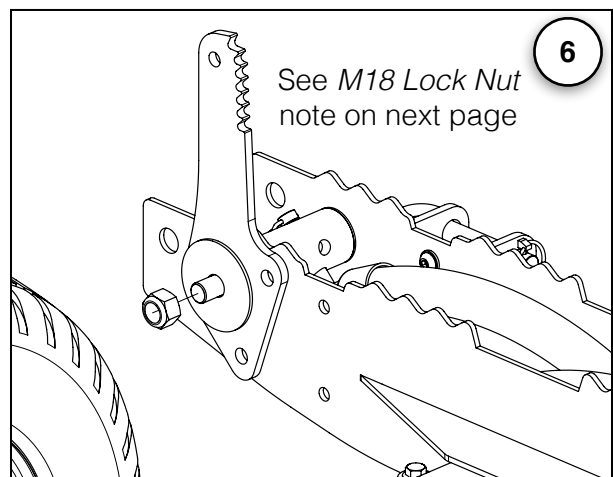
**INSTALL INNER SPACER**



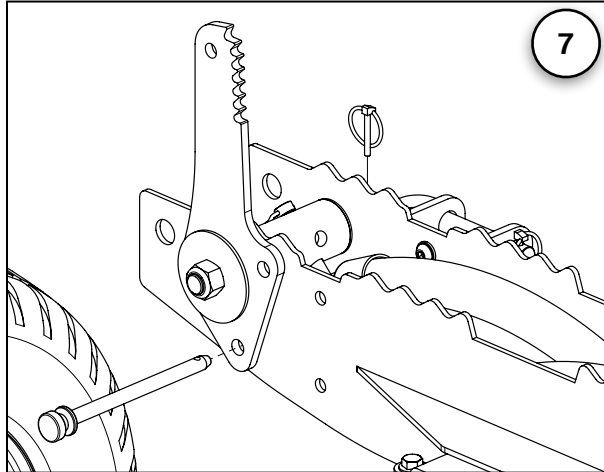
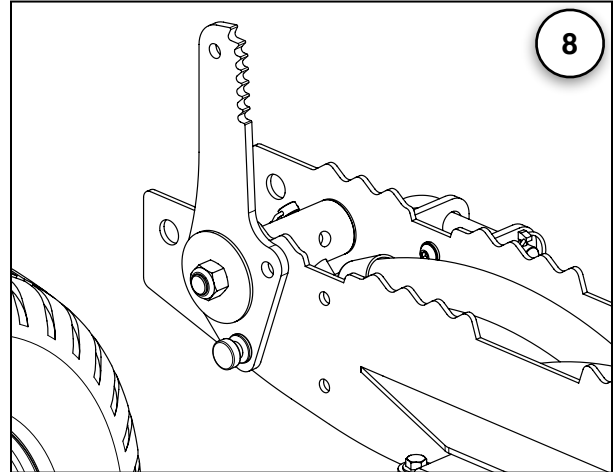
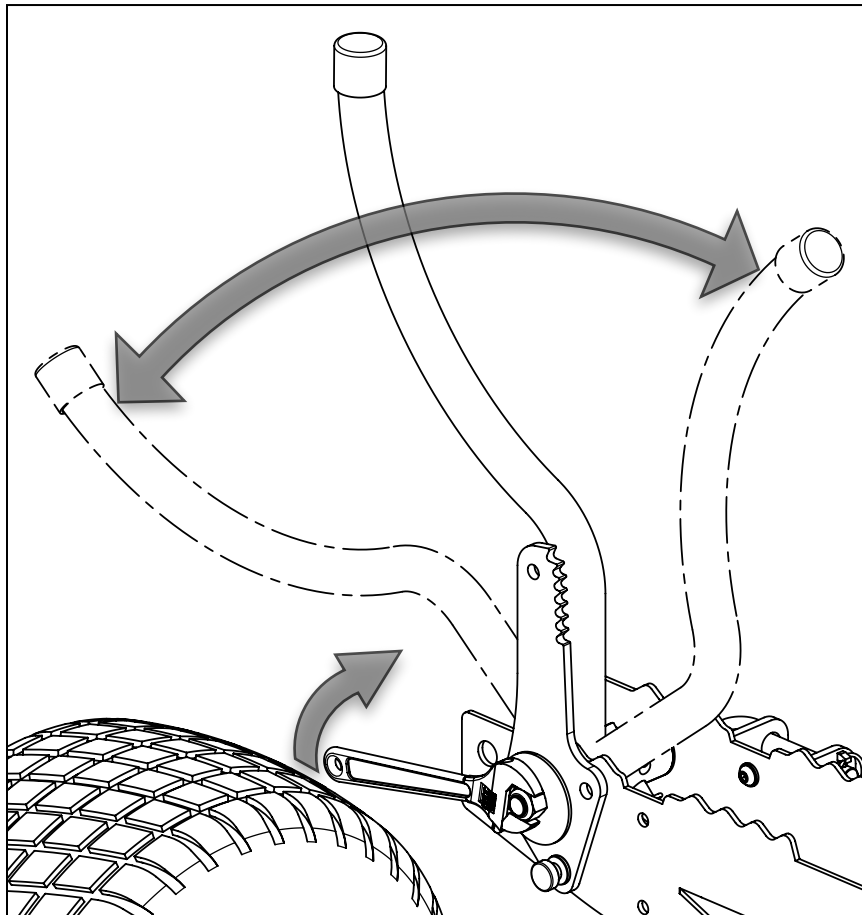
**INSTALL LOG SUPPORT**



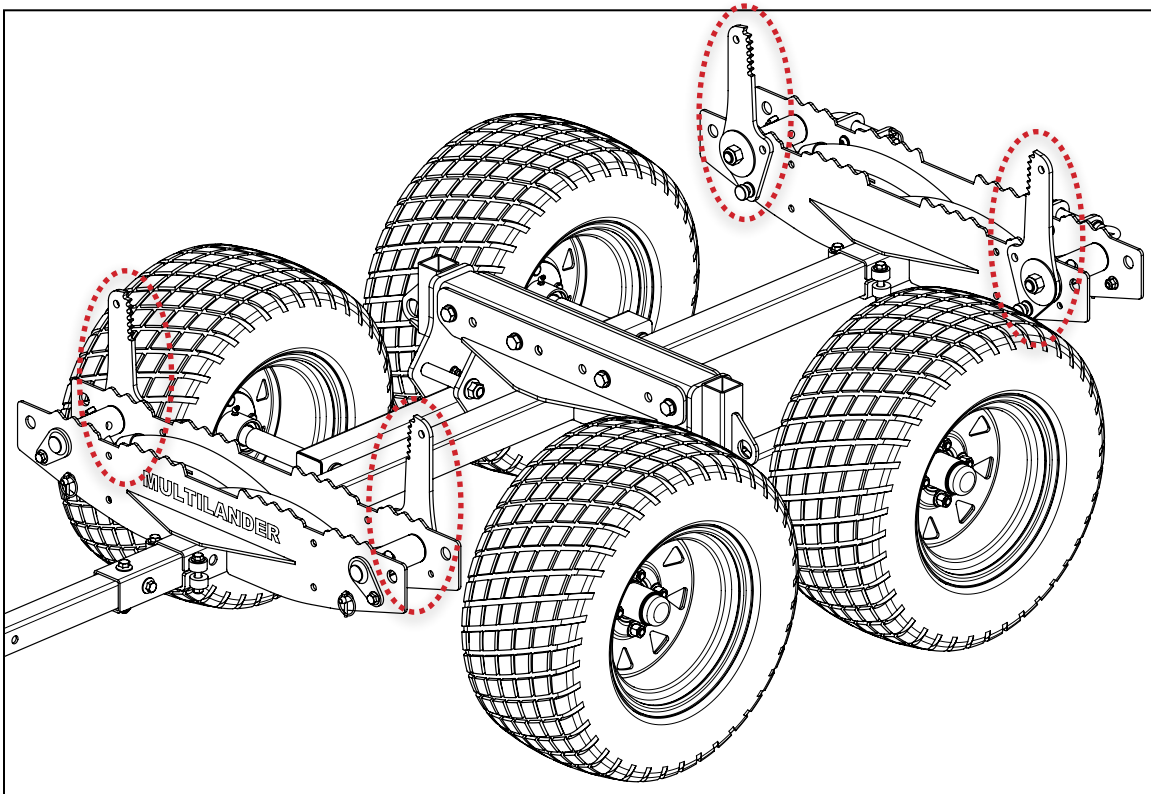
**INSTALL OUTER SPACER**



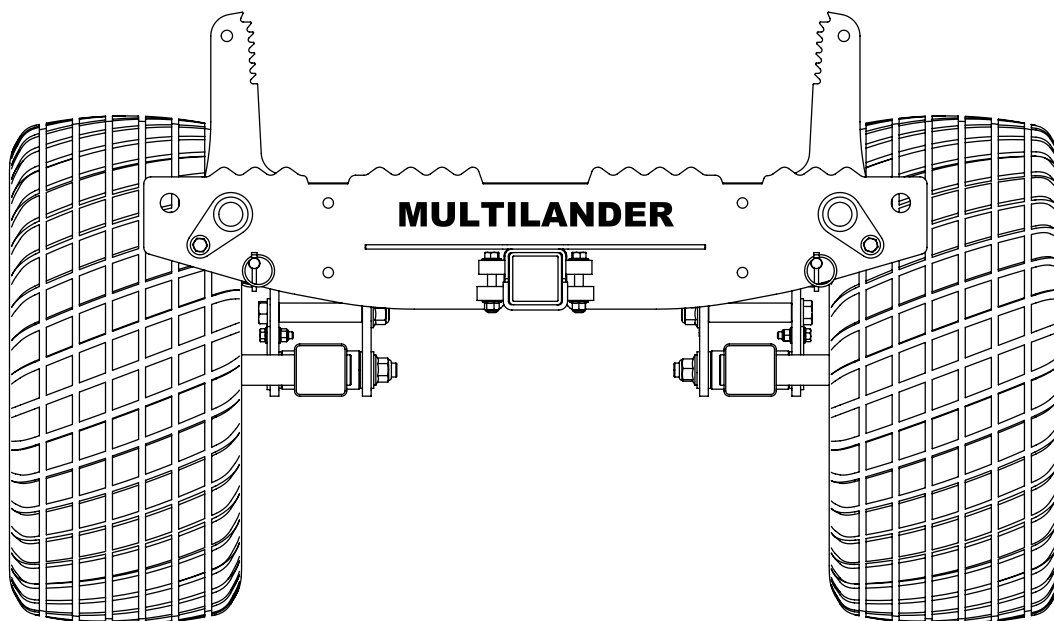
**RE-INSTALL M18 LOCK NUT**

**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.

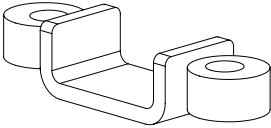
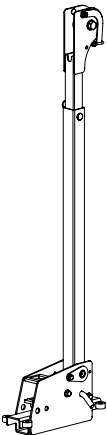
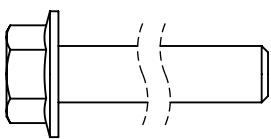



**REPEAT LOG SUPPORT INSTALLATION ON ALL FOUR CORNERS**

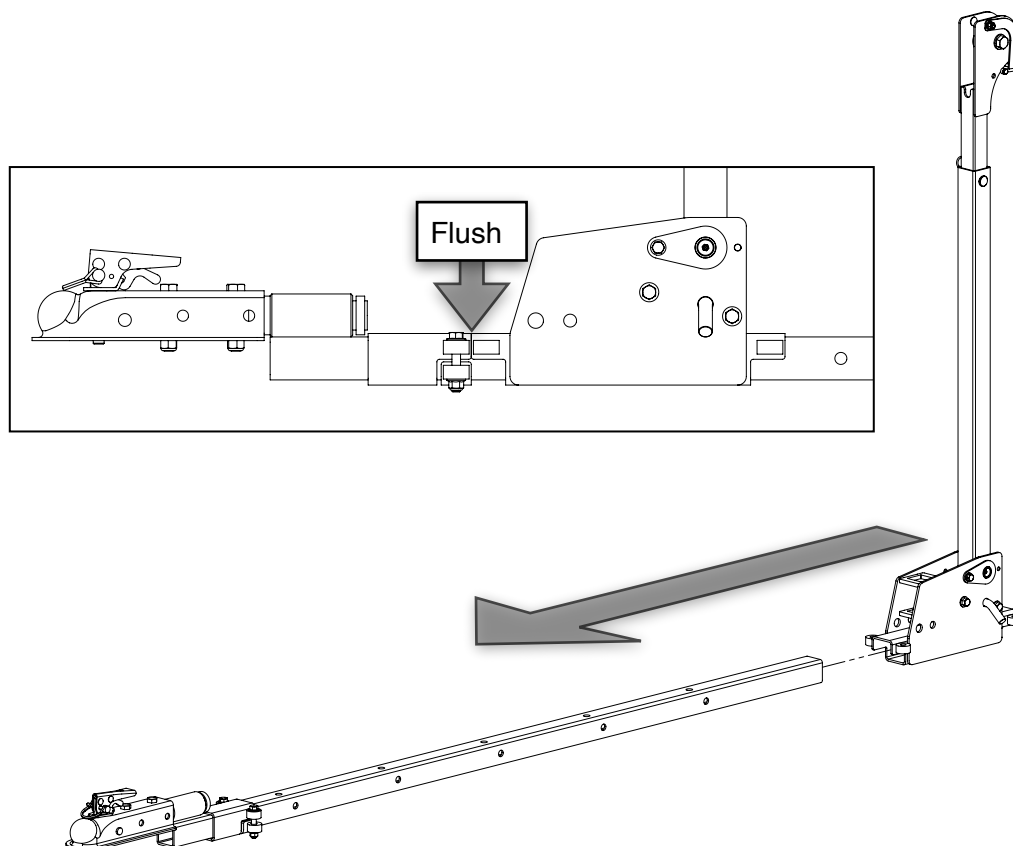


## 4. TELESCOPING BOOM

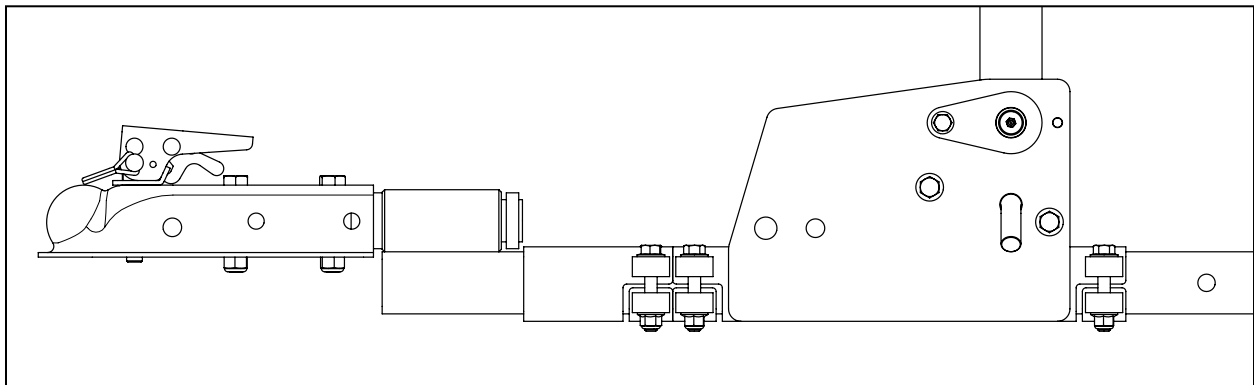
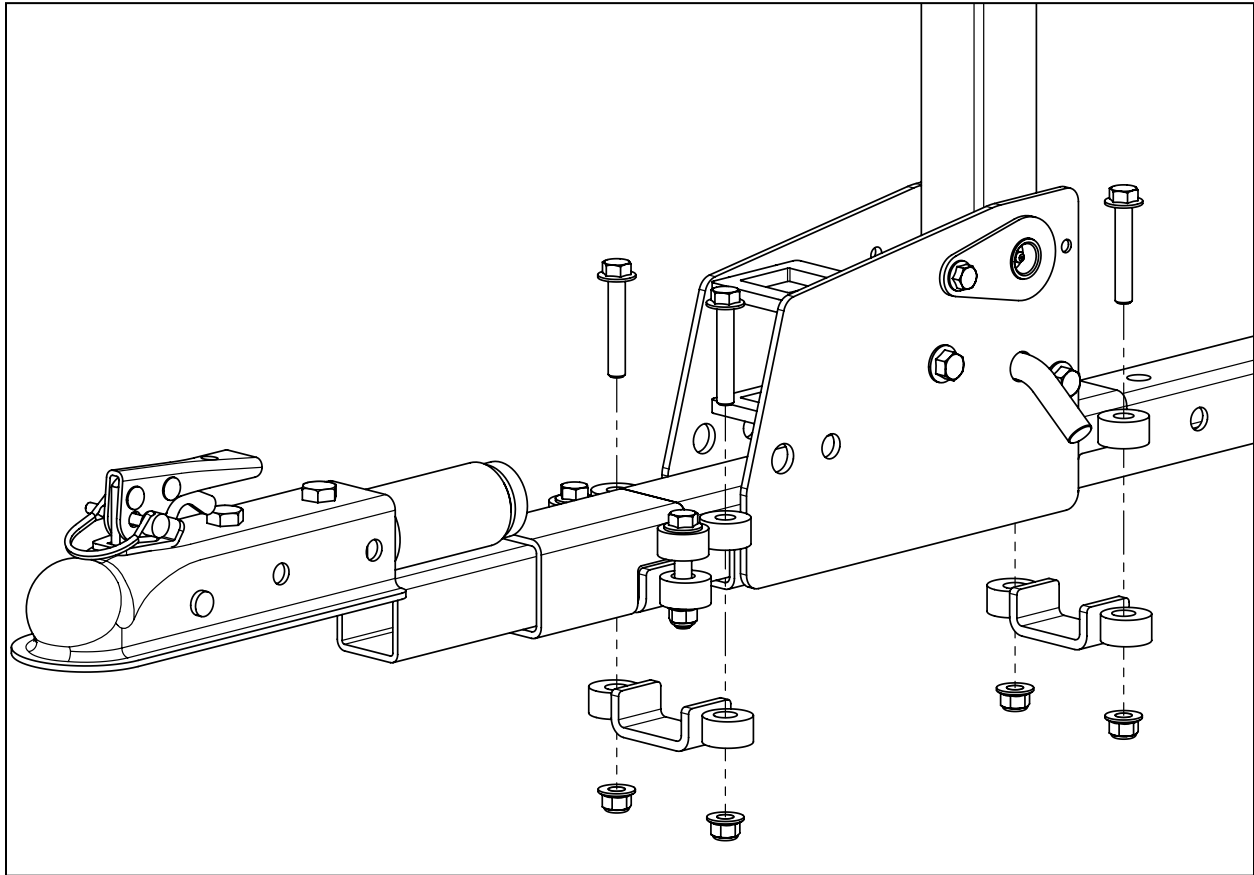
If it was not installed during the Multilander trailer assembly, install the telescoping boom using the hardware below. Consult the **Multilander Trailer Operator's Manual** for complete trailer assembly instructions.

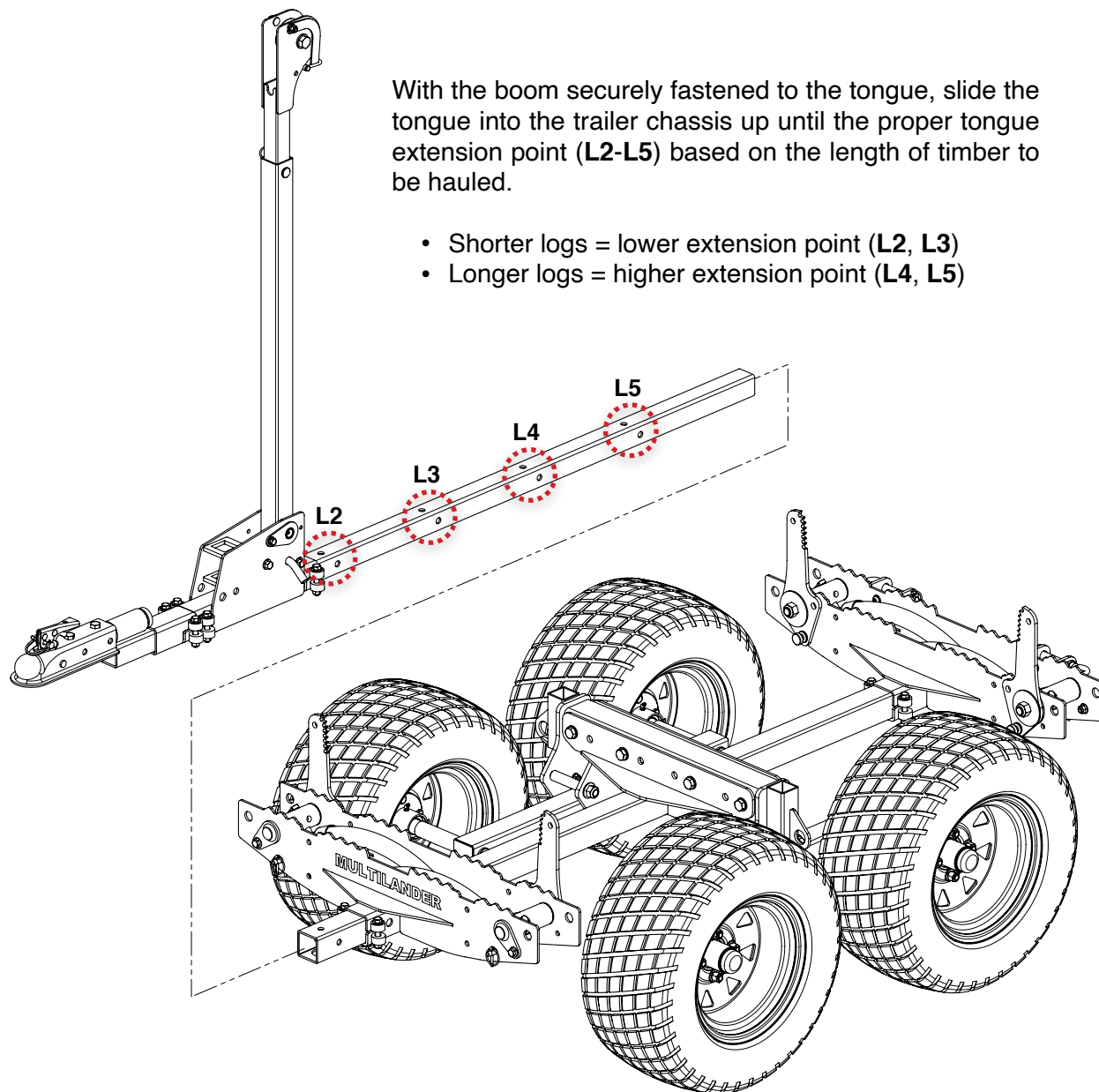
2x	Chassis Clamp (50 mm Wide)		1x	Telescoping Boom	
4x	M10 X 60 mm Flanged Hex Bolt				
4x	M10 Flanged Lock Nut				

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



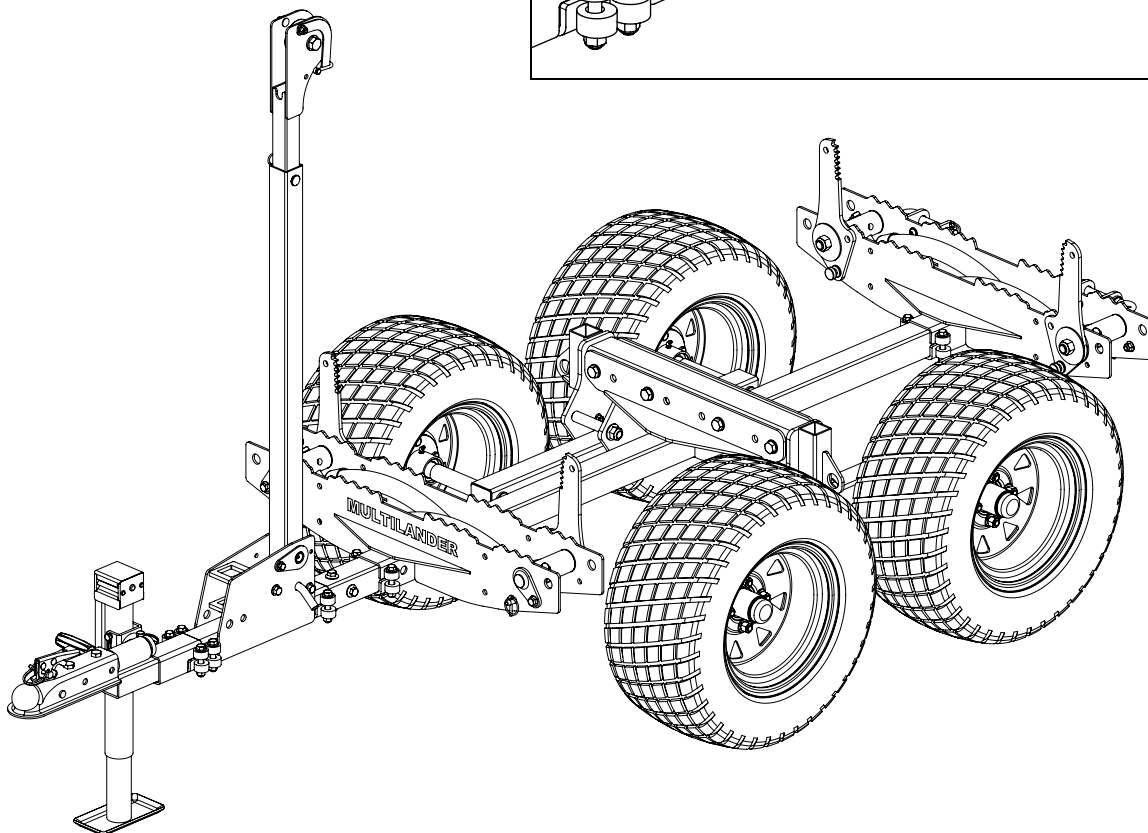
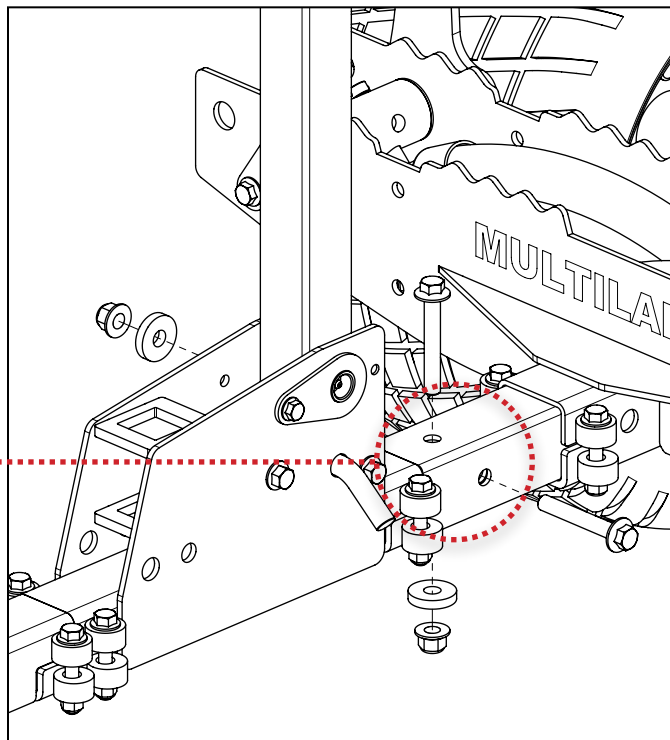
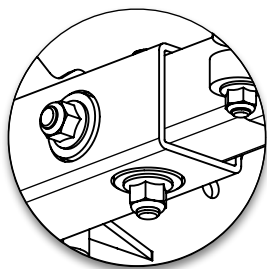
Secure the boom to the tongue with the two (2) chassis clamps, four (4) M10 X 60 mm flanged hex bolts, and four (4) M10 flanged lock nuts.





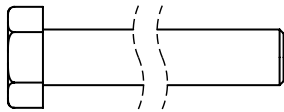
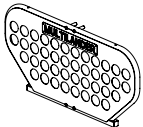
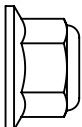
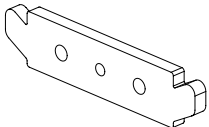
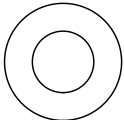


Using two (2) M12 X 80 mm flanged hex bolts, two (2) clamping disks, and two (2) M12 flanged lock nuts (part of Multilander Trailer assembly), securely fasten the tongue to the chassis. Ensure each clamping disk is centred in the large holes in the chassis *and* fully seated against the tongue when tight.

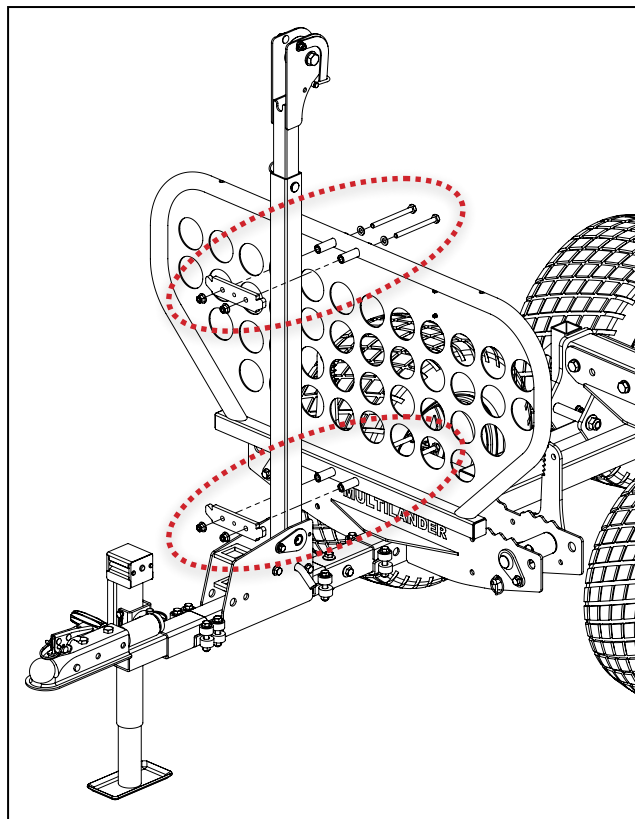
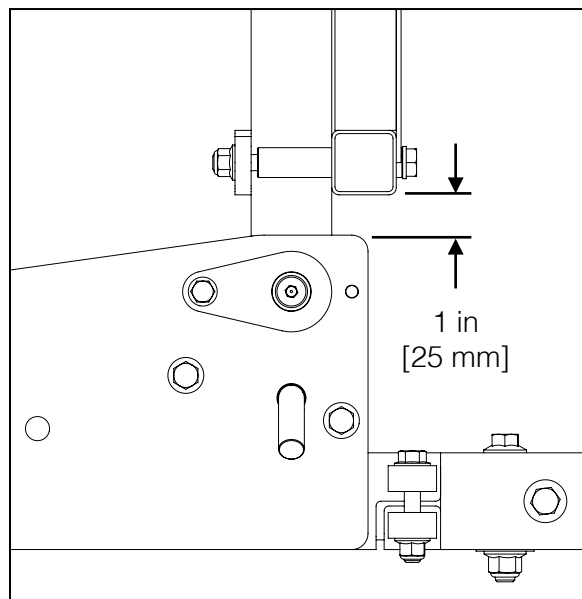


## 5. LOGGING CAGE

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

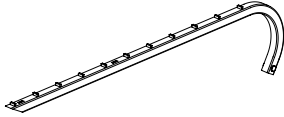
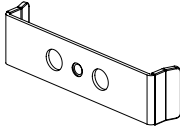
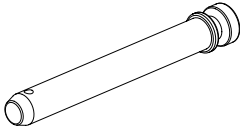
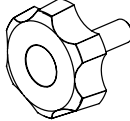
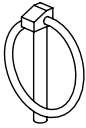
4x	M10 X 120 mm Hex Bolt		1x	Logging Cage	
4x	M10 Flanged Lock Nut		2x	Storage Hook	
4x	M10 Flat Washer				

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***.

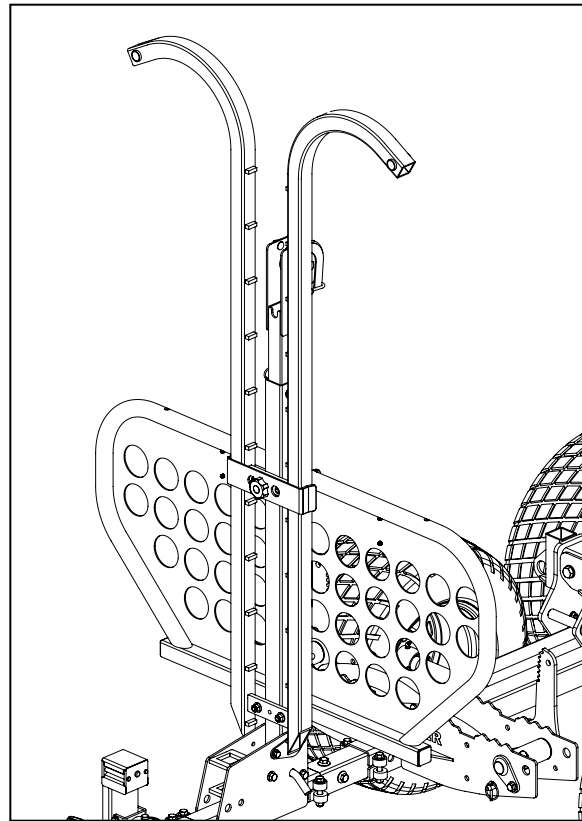
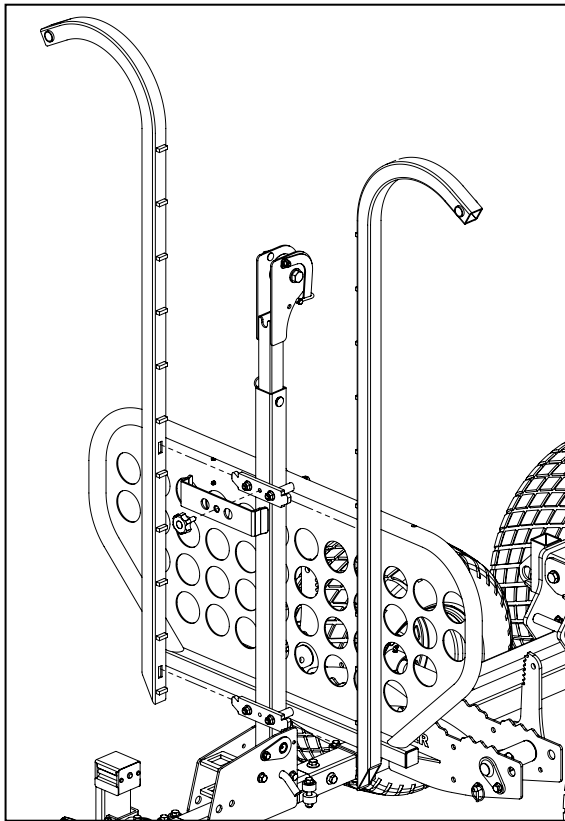


## 6. LOG RAMPS

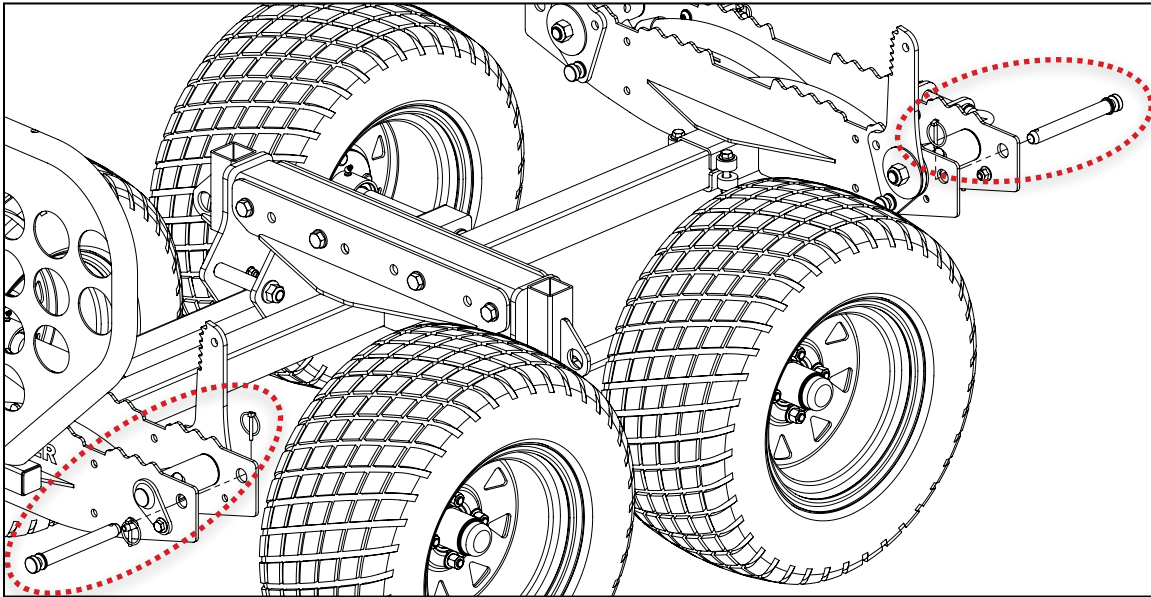
Mount the log loading ramps to the boom using the components in the table below.

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

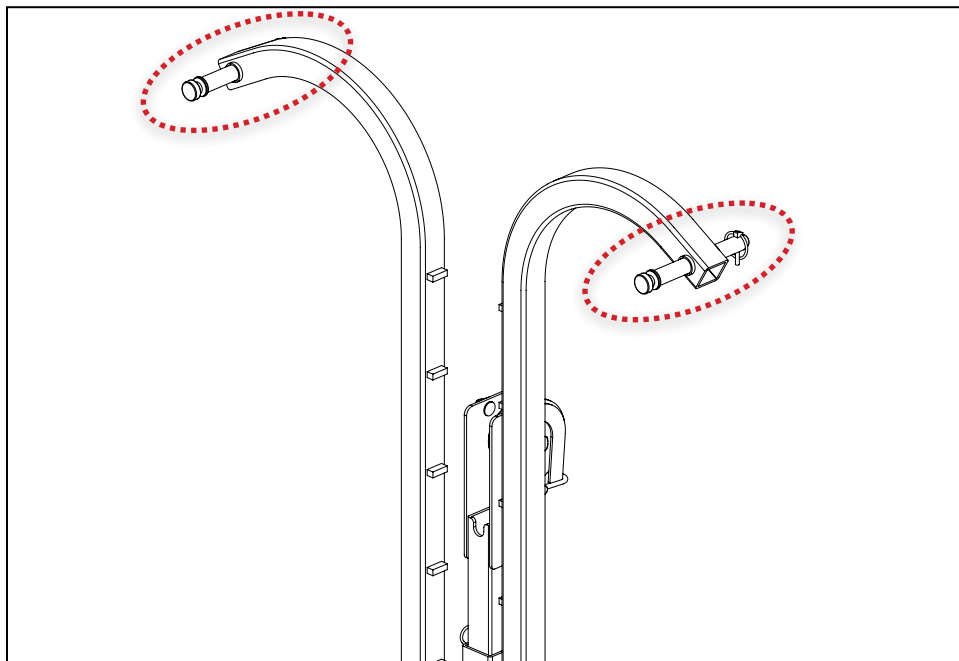
Attach the ramp legs to the boom by inserting the two (2) storage hooks into the rectangular slots in each leg. Secure them with the storage clamp and knob.



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

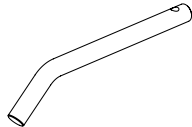
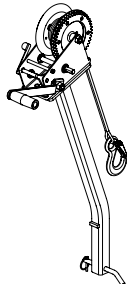
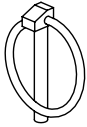


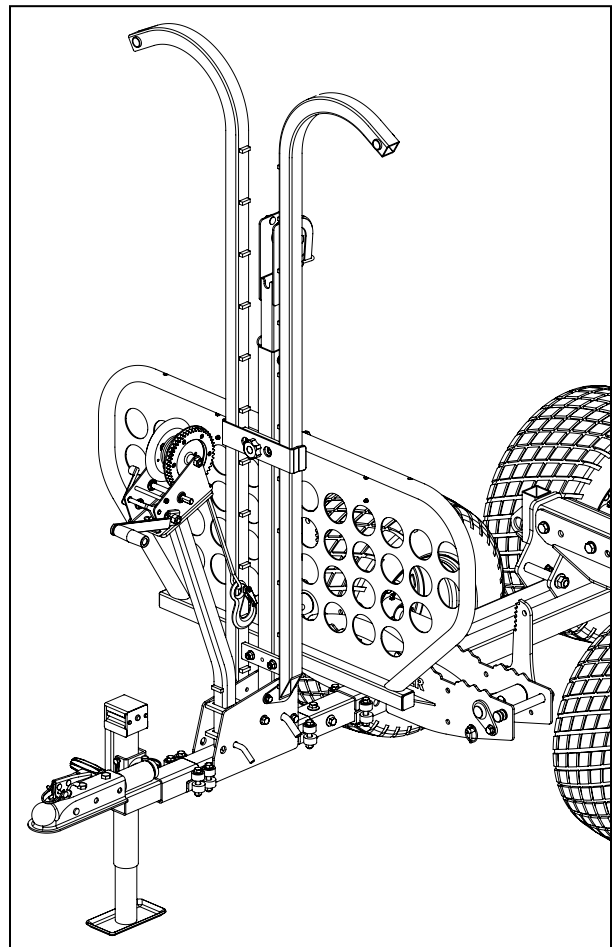
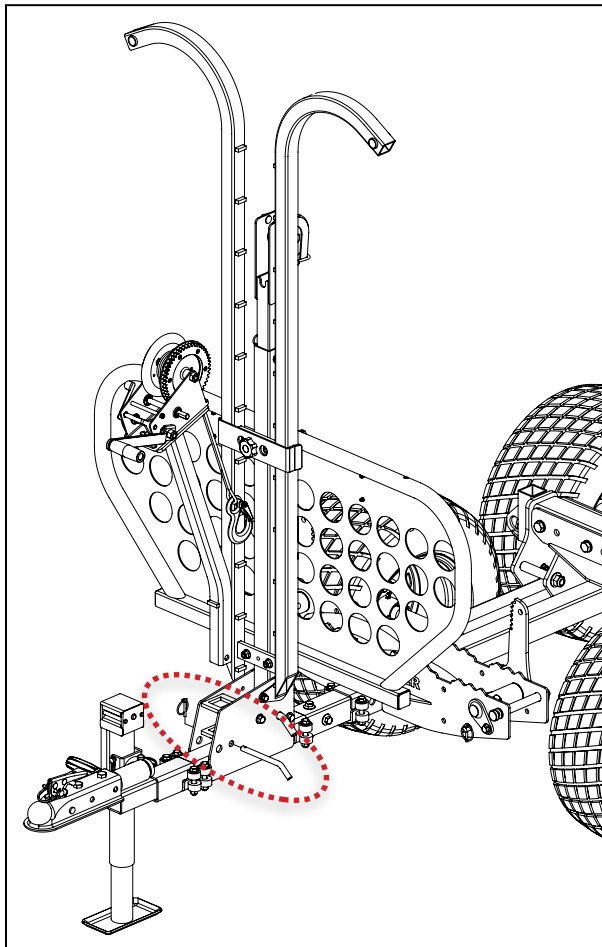
Or the hitch pins can be stored on the ramp legs themselves:



## 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.

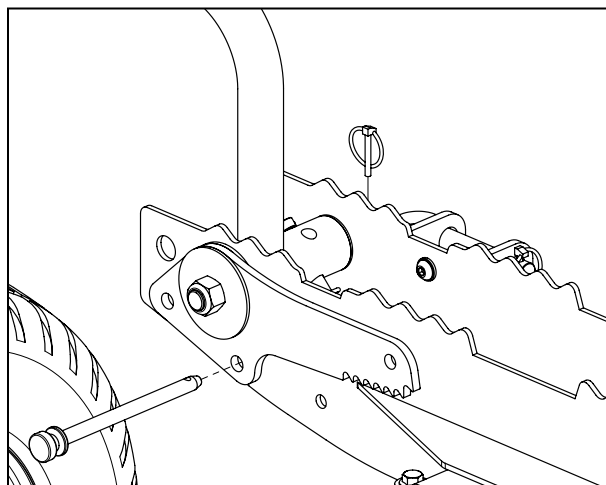
1x	Bent Clevis Pin		1x	Winch	
1x	Linch Pin				



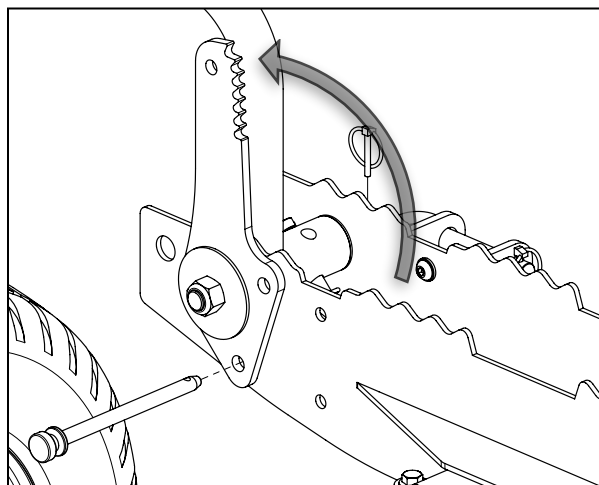
## OPERATION

### LOG LOADING RAMP SETUP

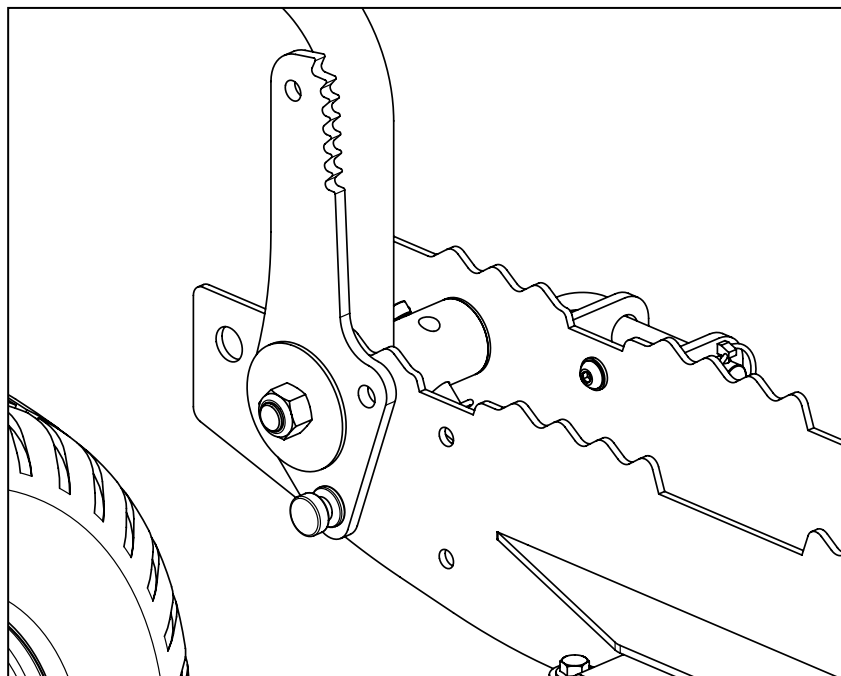
To set up the trailer for side-loading logs, start by rotating all four (4) log supports to they are pointing straight up (teeth pointing toward trailer centreline) as shown below.



**REMOVE LOCKING PIN AND LINCH PIN**



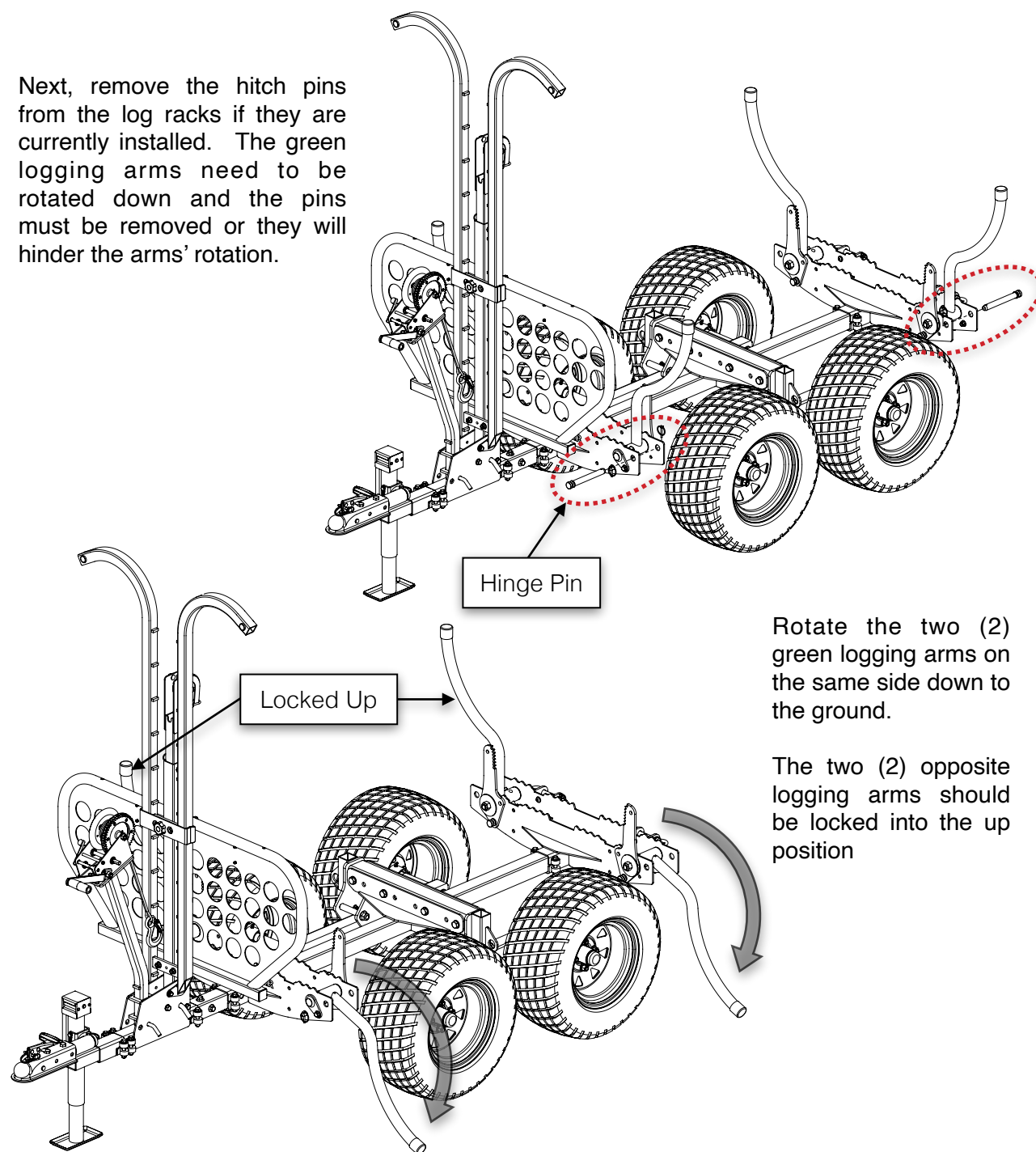
**ROTATE LOG SUPPORT UP 90° AND THEN  
RE-INSTALL LOCKING PIN AND LINCH PIN**

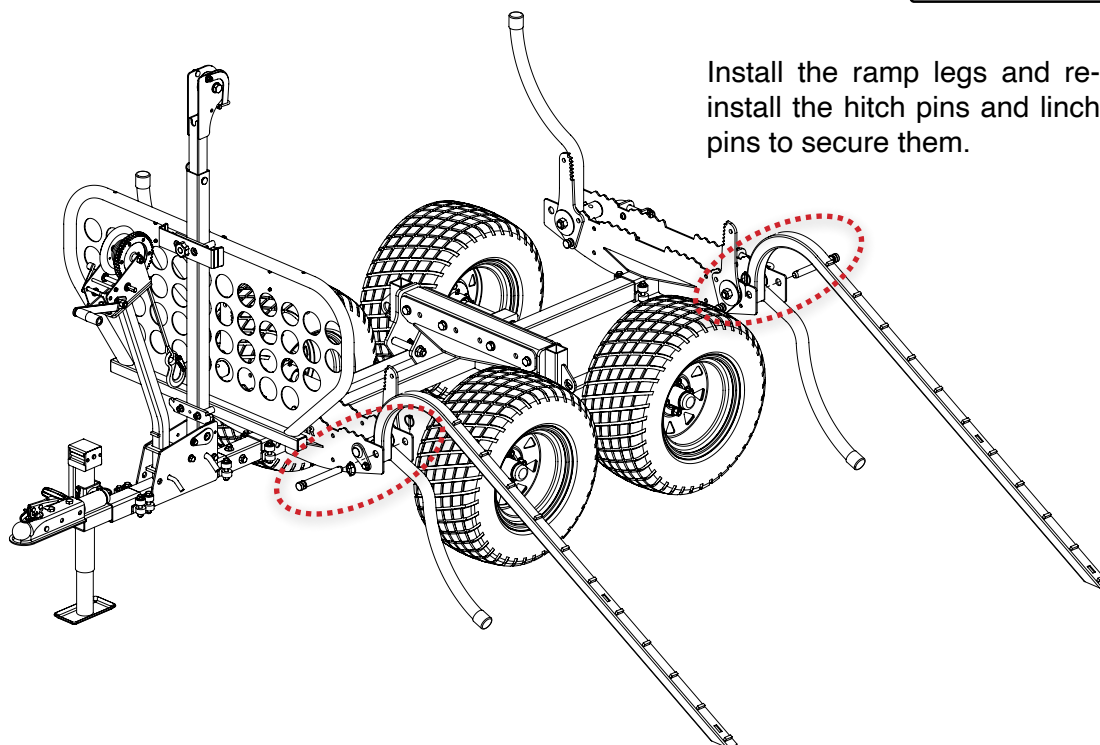


**REPEAT FOR ALL FOUR (4) LOG SUPPORTS**

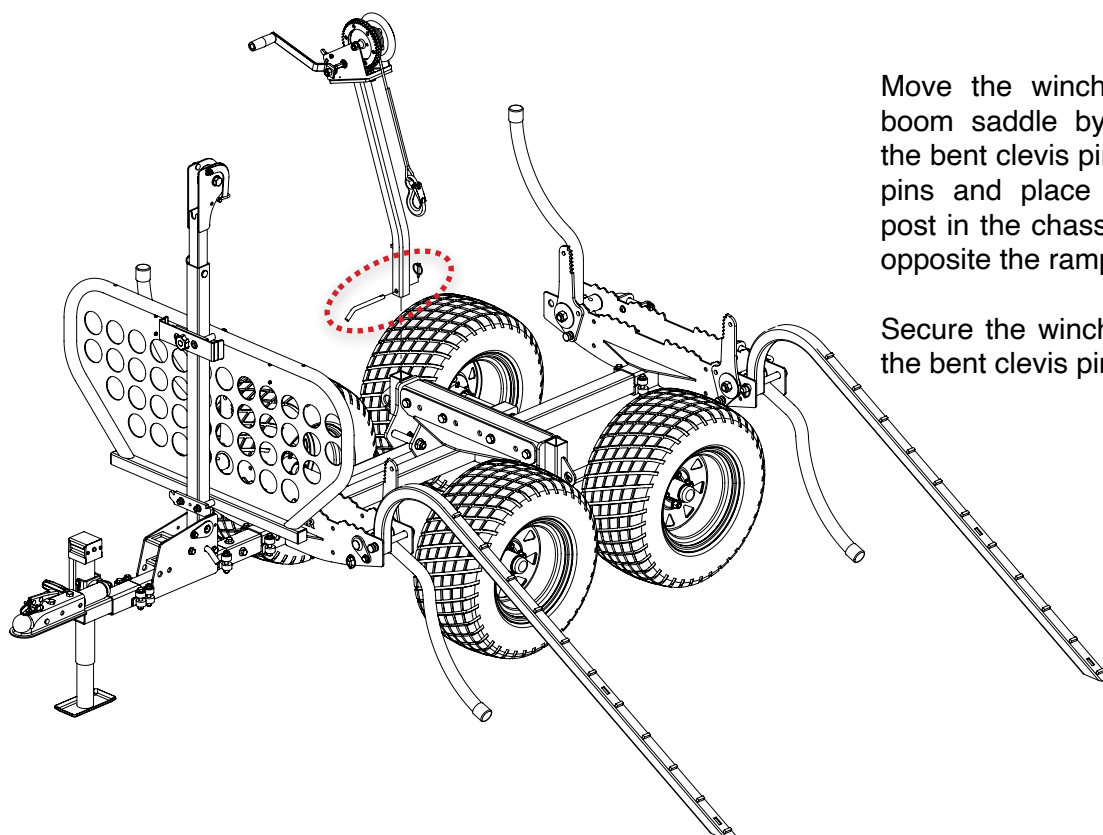


Next, remove the hitch pins from the log racks if they are currently installed. The green logging arms need to be rotated down and the pins must be removed or they will hinder the arms' rotation.



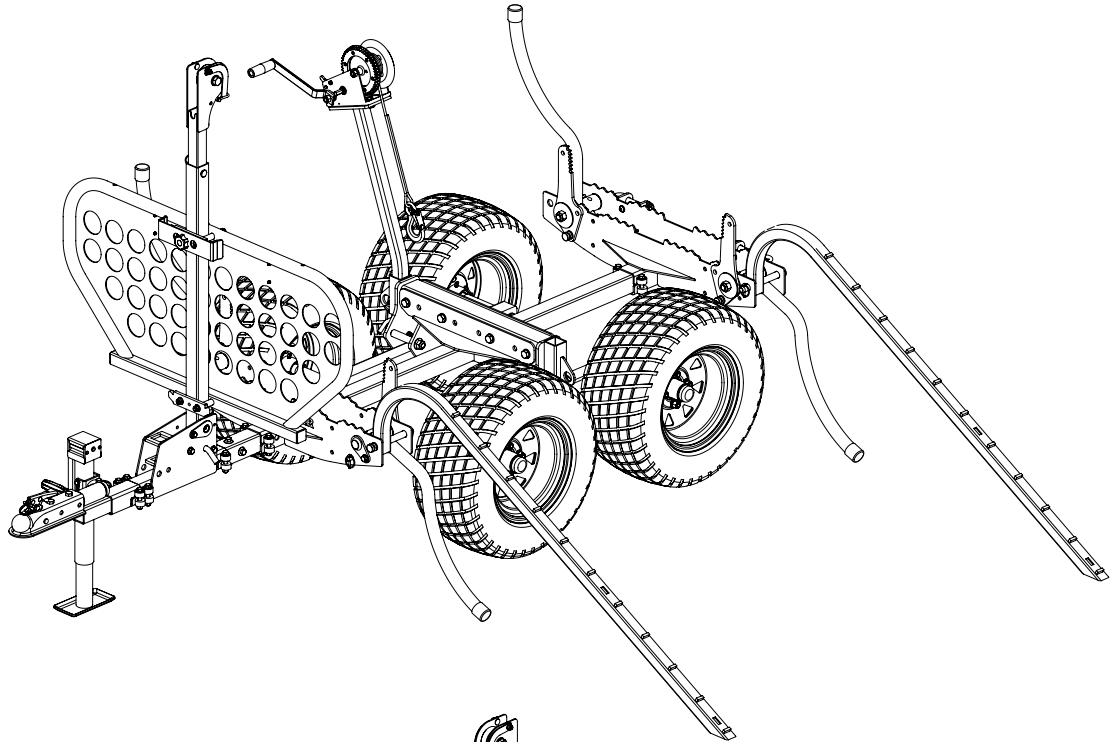


Install the ramp legs and re-install the hitch pins and linch pins to secure them.

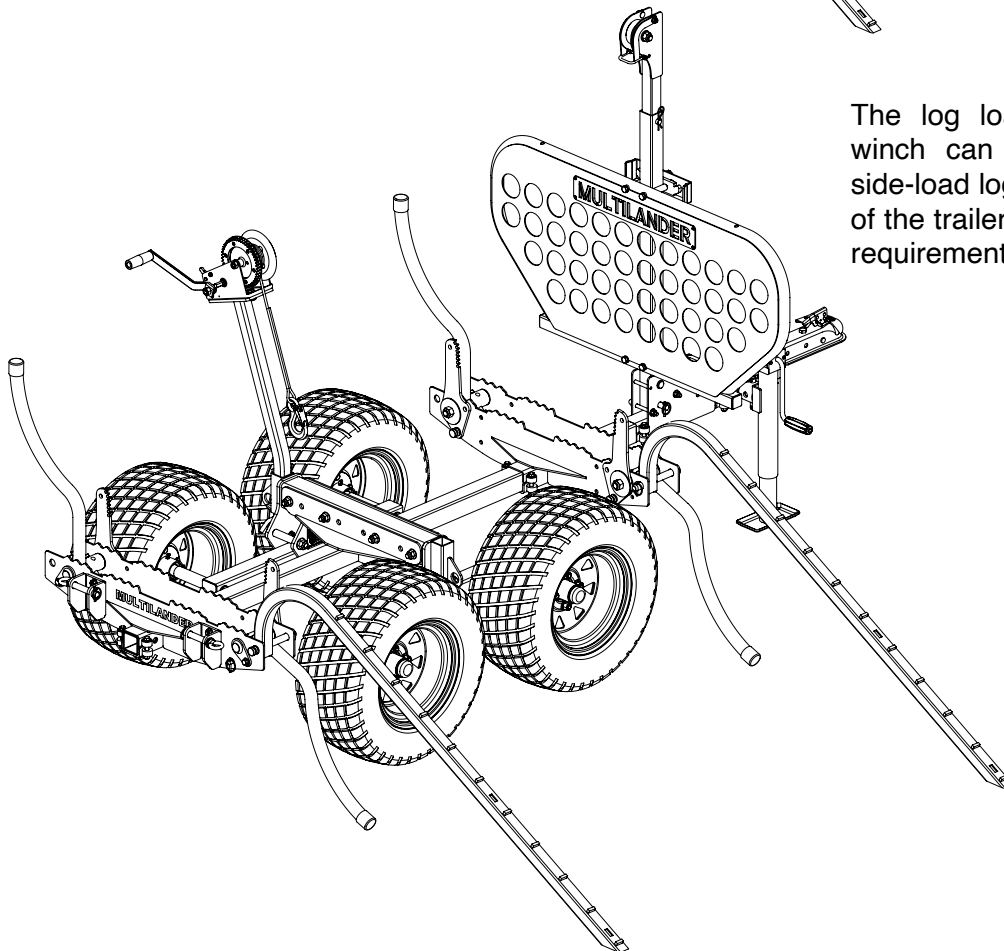


Move the winch from the boom saddle by removing the bent clevis pin and linch pins and place the winch post in the chassis receiver opposite the ramp legs.

Secure the winch post with the bent clevis pin and pin.



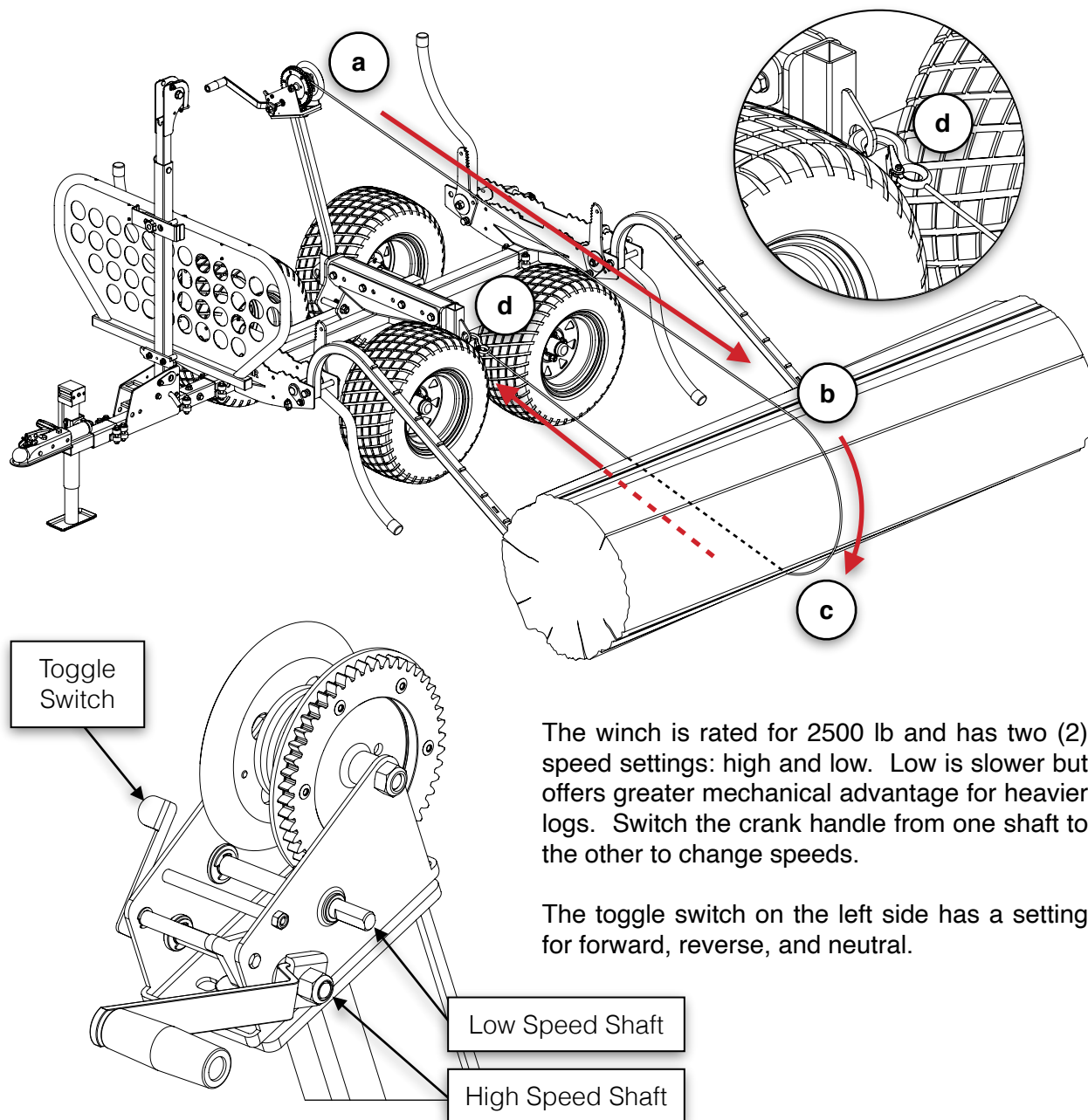
The log loading ramps and winch can be positioned to side-load logs from either side of the trailer depending on the requirements of the operator.



## 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.



The winch is rated for 2500 lb and has two (2) speed settings: high and low. Low is slower but offers greater mechanical advantage for heavier logs. Switch the crank handle from one shaft to the other to change speeds.

The toggle switch on the left side has a setting for forward, reverse, and neutral.



## PARTS LIST

Item	Qty	Part No.	Description
1	1	0002390	BOOM SADDLE
2	1	0002391	BOOM SLEEVE
3	1	0004750	CLEVIS PIN, 15.5 mm DIA, 50 mm USABLE LG, 59 mm LG
4	1	0004760	HAIRPIN COTTER PIN, 10-16 mm CLEVIS, 3 mm WIRE DIA
5	1	0002392	SWIVEL PIN, BOOM
6	1	0004707	GREASE FITTING, STRAIGHT, M6 X 1 TAPERED THD
7	2	0002299	CHASSIS CLAMP, 50 mm WIDE BEAM
8	1	0002394	BOOM EXTENSION
9	1	0002395	V-GROOVE PULLEY, 85 mm OD, 80 mm GROOVE, 16 mm SHAFT
10	1	0002396	PIVOTING CABLE BOOM HOOK
11	1	0002750	BENT-PULL CLEVIS PIN, 16 mm DIA, 85 mm USABLE LG
12	8	0004720	LINCH PIN, 3/16 in DIA, 1 in USEABLE LG
13	1	0002428	LOGGING CAGE
14	2	0002429	STORAGE HOOK, LOG LOADING RAMP
15	1	0002430	STORAGE CLAMP, LOG LOADING RAMP
16	1	0004903	KNOB, MULTI-LOBE, 48 mm OD, M10 X 1.5, 25 mm LG
17	1	0002431	MULTILANDER NAMEPLATE
18	2	0002421	LOG LOADING RAMP LEG
19	2	0002303	HITCH PIN, 20 DIA X 158 mm LG
20	4	0002416	LOG SUPPORT BUSHING
21	4	0002417	LOG SUPPORT INNER SPACER
22	4	0002418	LOG SUPPORT
23	4	0002419	LOG SUPPORT OUTER SPACER
24	4	0002420	LOG SUPPORT LOCKING PIN
25	1	0001451	TRAILER WINCH POST
26	1	0001452	WINCH, 2500 lb
27	1	0001532	SYNTHETIC ROPE W/ 7/8-8 WLL2T HOOK, 30 ft [9.1 m] LG
28	1	0002400	BENT-PULL CLEVIS PIN, 12 mm DIA, 105 mm USEABLE LG
29	1	HDW	HEX BOLT, M6 X 1, 70 mm LG, 18 mm LG THD
30	2	HDW	HEX BOLT, M10 X 1.5, 25 mm LG
31	4	HDW	HEX BOLT, M10 X 1.5, 120 mm LG, 26 mm LG THD
32	1	HDW	HEX BOLT, M16 X 2, 75 mm LG, 38 mm LG THD
33	1	HDW	HEX BOLT, FLANGED, M8 X 1.25, 25 mm LG
34	4	HDW	HEX BOLT, FLANGED, M10 X 1.5, 60 mm LG, 26 mm LG THD
35	2	HDW	HEX BOLT, FLANGED, M10 X 1.5, 90 mm LG, 26 mm LG THD
36	4	HDW	BUTTON HEAD SCREW, M4 X 0.7, 14 mm LG
37	2	HDW	CARRIAGE BOLT, SQ NECK, M8 X 1.25, 20 mm LG
38	4	HDW	FLAT WASHER, M4

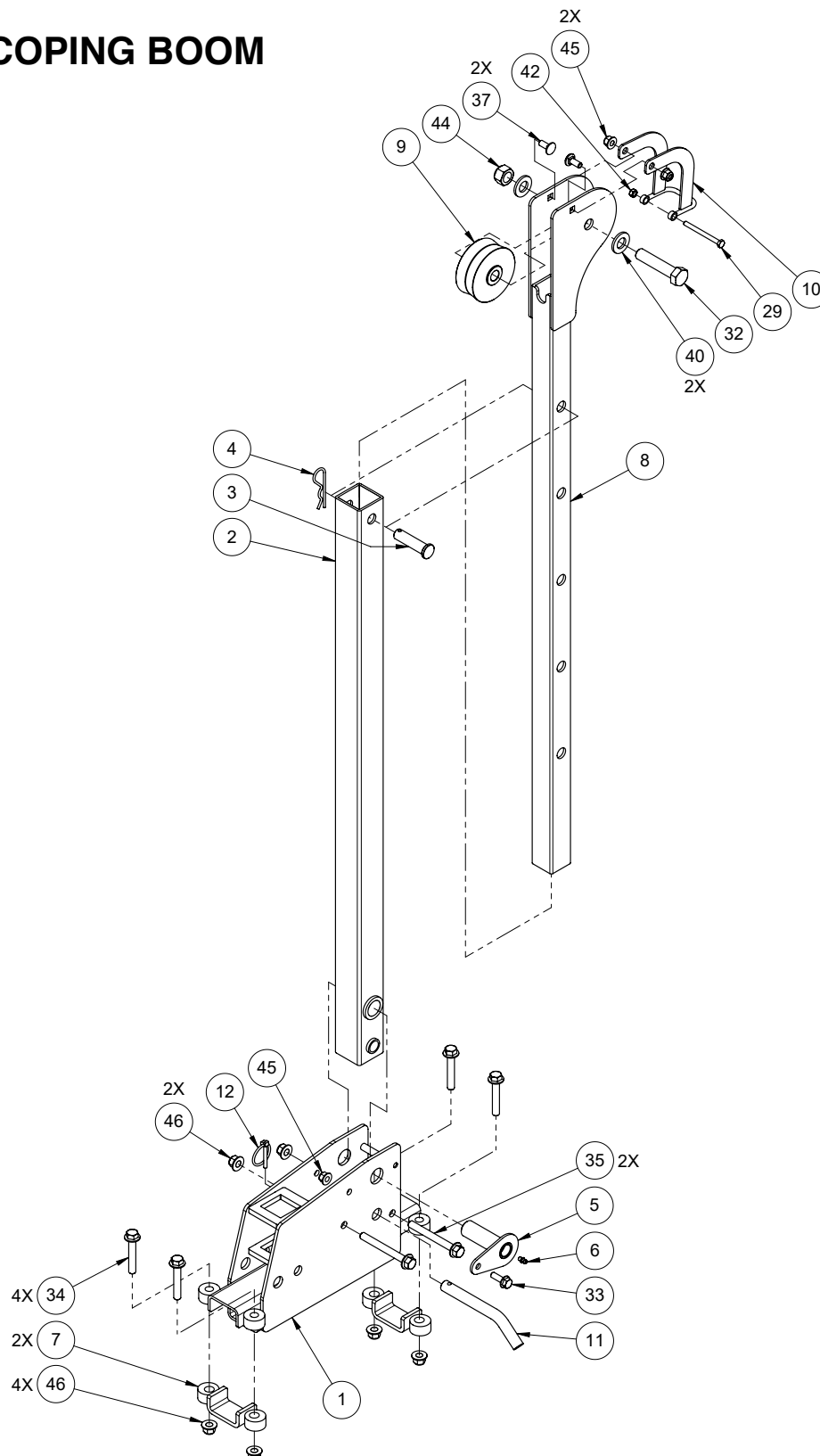


Item	Qty	Part No.	Description
39	8	HDW	FLAT WASHER, M10
40	2	HDW	FLAT WASHER, M16
41	4	HDW	LOCK NUT, M4 X 0.7
42	1	HDW	LOCK NUT, M6 X 1
43	2	HDW	LOCK NUT, M10 X 1.5
44	1	HDW	LOCK NUT, M16 X 2
45	3	HDW	LOCK NUT, FLANGED, M8 X 1.25
46	10	HDW	LOCK NUT, FLANGED, M10 X 1.5



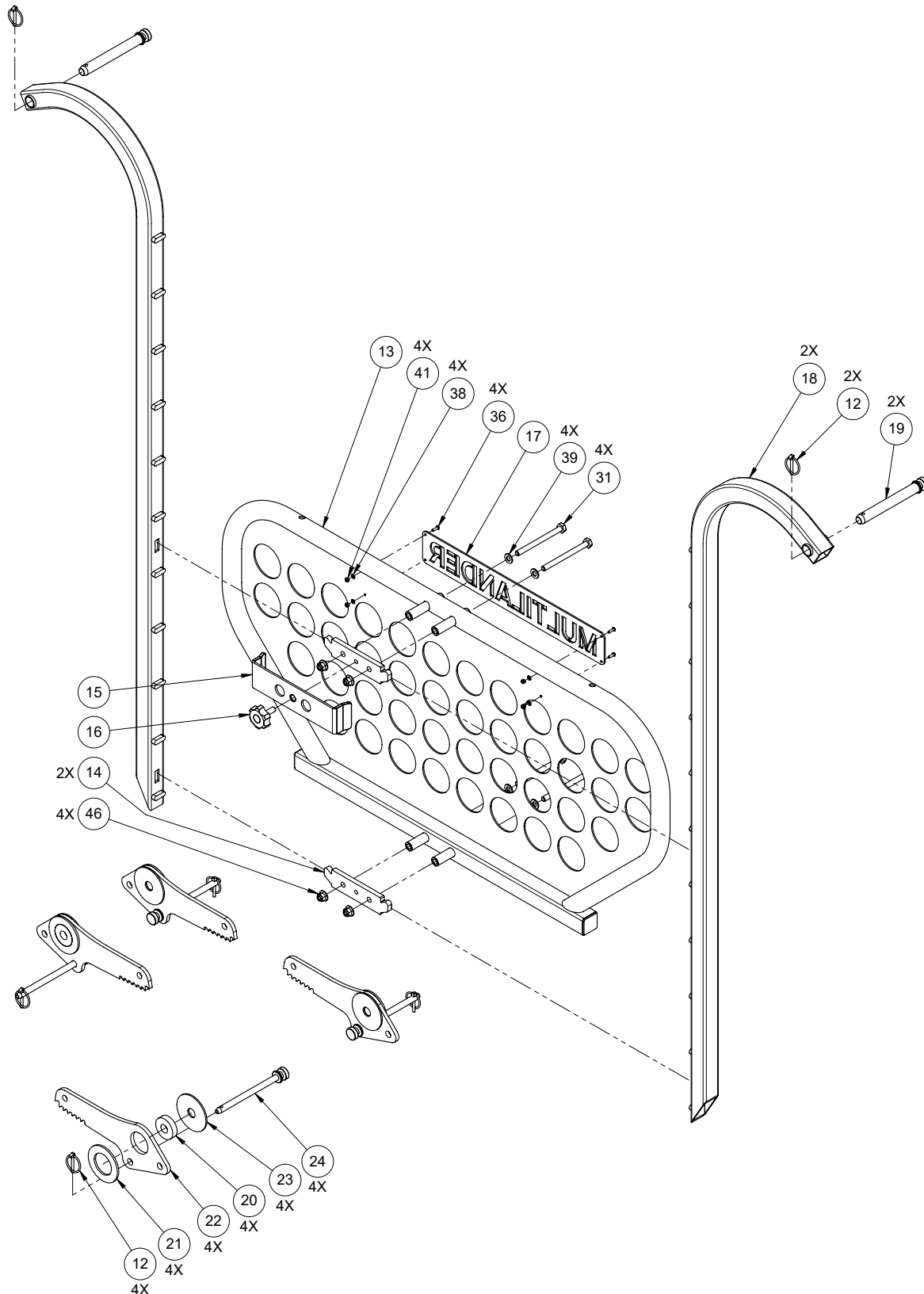
# EXPLODED ASSEMBLY VIEWS

## TELESCOPING BOOM



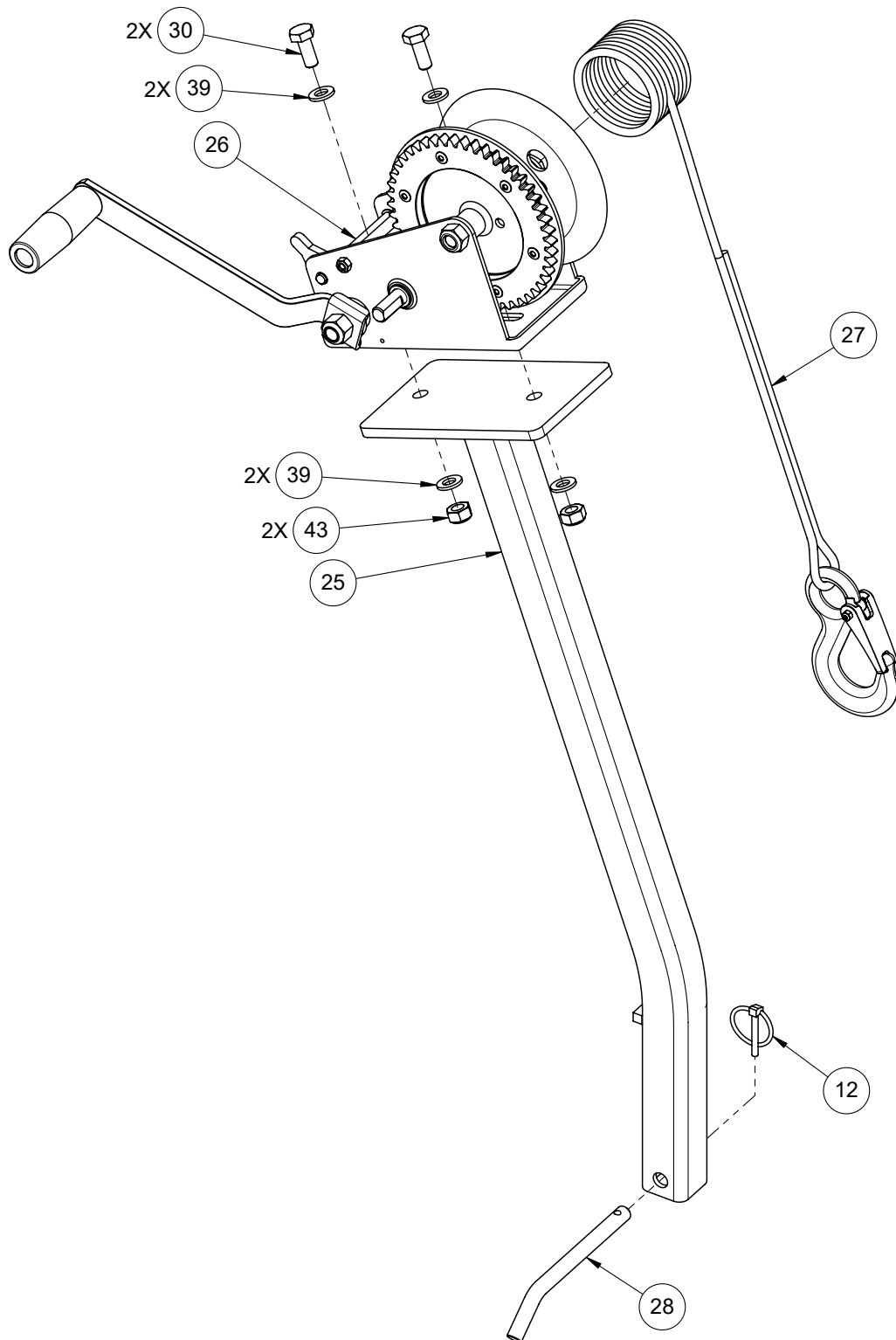


## LOGGING CAGE & LOG SUPPORTS





## WINCH



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