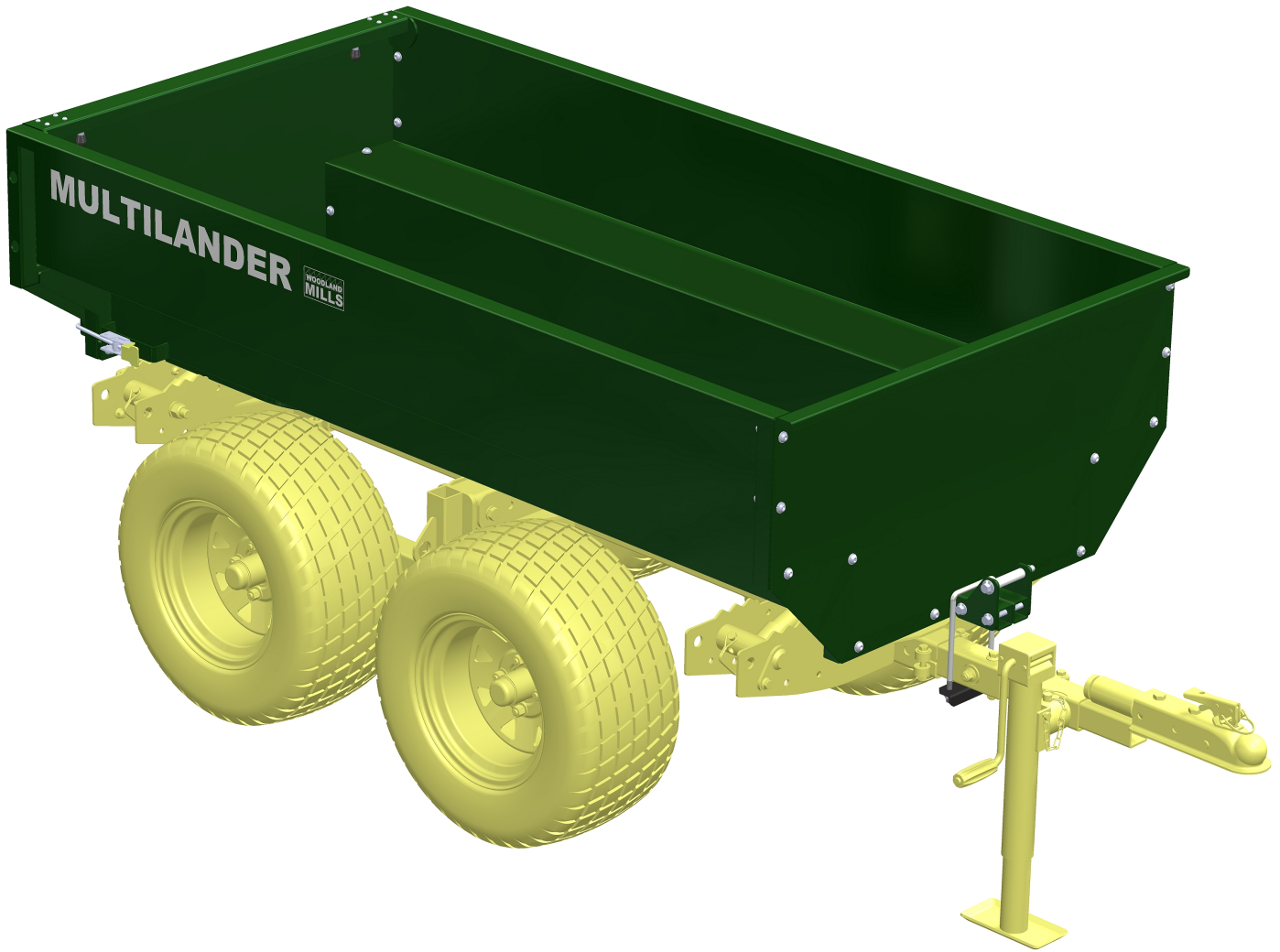


# MULTILANDER™ ACCESSORY



## UTILITY BOX OPERATOR'S MANUAL



DISCOVER THE WOODLAND™

Multilander™ is a trademark of Woodland Mills, Inc.

This page intentionally left blank.



# TABLE OF CONTENTS

<b>TABLE OF CONTENTS</b>	<b>1</b>
<b>CONFIGURATIONS &amp; ACCESSORIES</b>	<b>2</b>
<b>TECHNICAL SPECIFICATIONS</b>	<b>3</b>
BOLT TORQUE SPECIFICATIONS	3
OVERALL DIMENSIONS	4
OVERALL DIMENSIONS—WITH TRAILER	5
<b>UTILITY BOX ASSEMBLY</b>	<b>6</b>
1. TOOLS REQUIRED	6
2. UNPACKING	7
3. SIDE WALLS	8
4. TAILGATE FRAME	11
5. HINGE PLATES	14
6. FRONT WALL	15
7. TAILGATE	16
8. UTILITY BOX TO TRAILER	20
<b>PARTS LIST</b>	<b>24</b>
<b>EXPLODED ASSEMBLY VIEWS</b>	<b>25</b>
SIDE WALLS	25
TAILGATE FRAME	26
HINGE PLATES	27
FRONT WALL	28
TAILGATE	29
LOCK-DOWN CLAMP	30
<b>NOTES</b>	<b>31</b>

## 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.



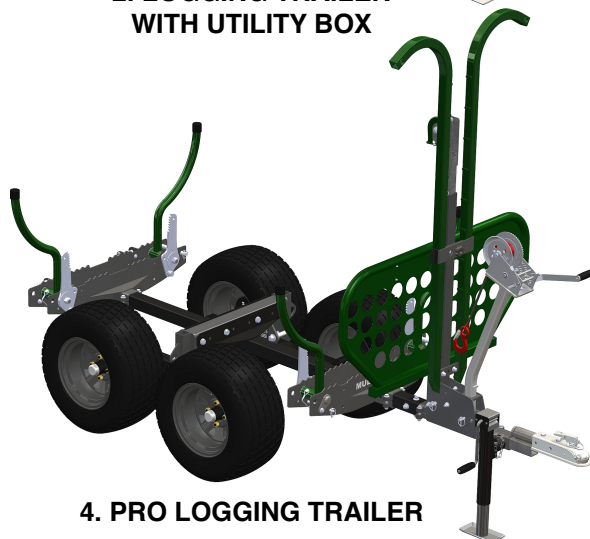
1. LOGGING TRAILER



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

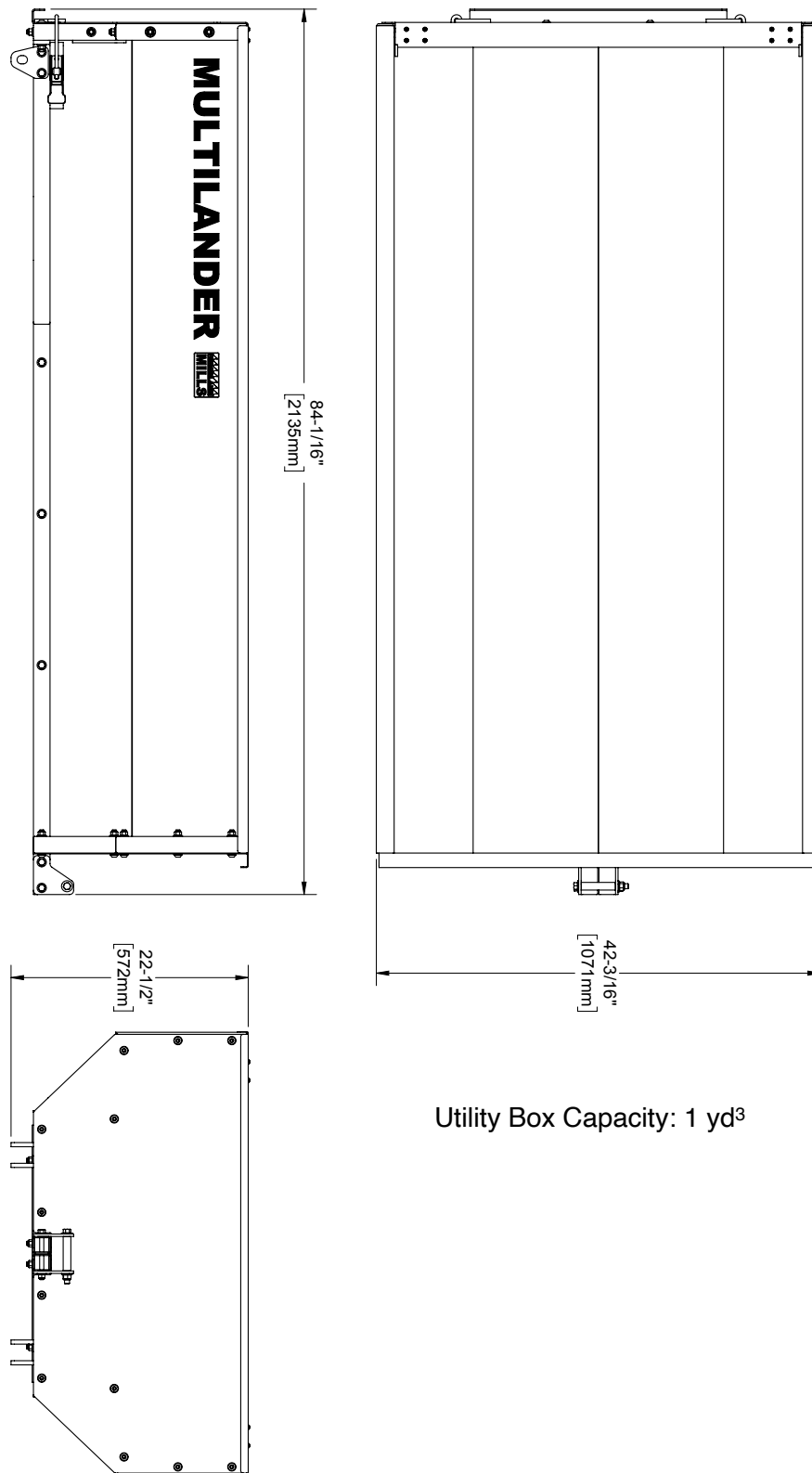
Item	Specification
Construction/Finish	Powder-Coated Steel Tubing & 16 GA Check Plate
Hauling Capacity	2000 lb [907 kg]
Box Volume	206 gal [781 L] - 1 cubic yard
Box Outside Dims	84-1/16 in [2135 mm] L x 42-3/16 in [1071 mm] W x 22-1/2 in [572 mm] H
Overall Length	106-½ in [2707 mm] MIN / 154-½ in [3923 mm] MAX w/ Trailer
Overall Width	48 in [1219 mm] MIN / 60 in [1524 mm] MAX w/ Trailer
Overall Height	40-3/8 in [1024 mm] w/ Trailer
Box Weight	256 lb [116 kg]
Box Shipping Weight	400 lb [181 kg]
Assembled Weight	321 kg / 708 lb w/ Trailer
Included Accessories	Utility Box

## 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]

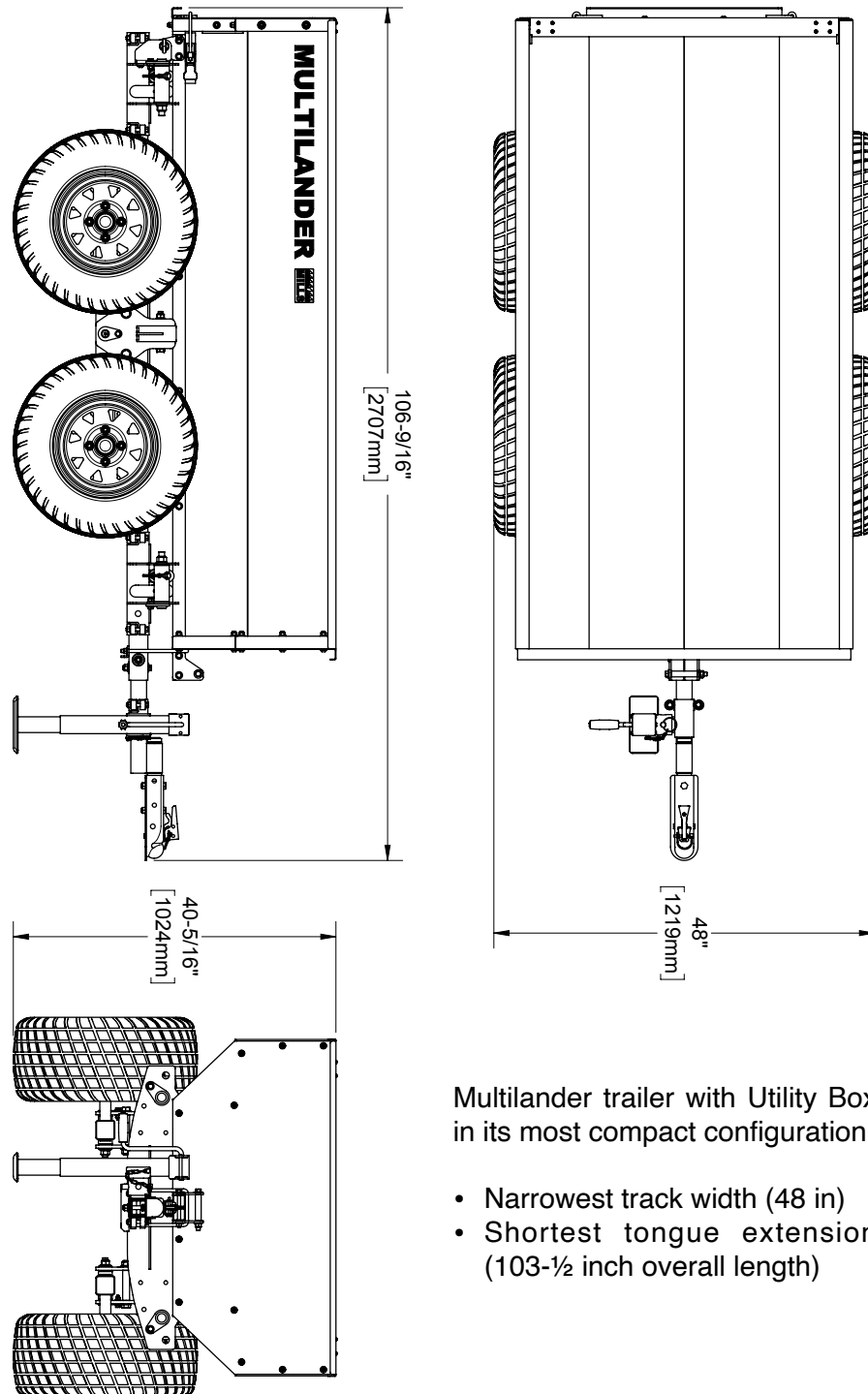


## OVERALL DIMENSIONS





## OVERALL DIMENSIONS—WITH TRAILER



Multilander trailer with Utility Box  
in its most compact configuration:

- Narrowest track width (48 in)
- Shortest tongue extension (103-½ inch overall length)

## UTILITY BOX ASSEMBLY

### 1. TOOLS REQUIRED

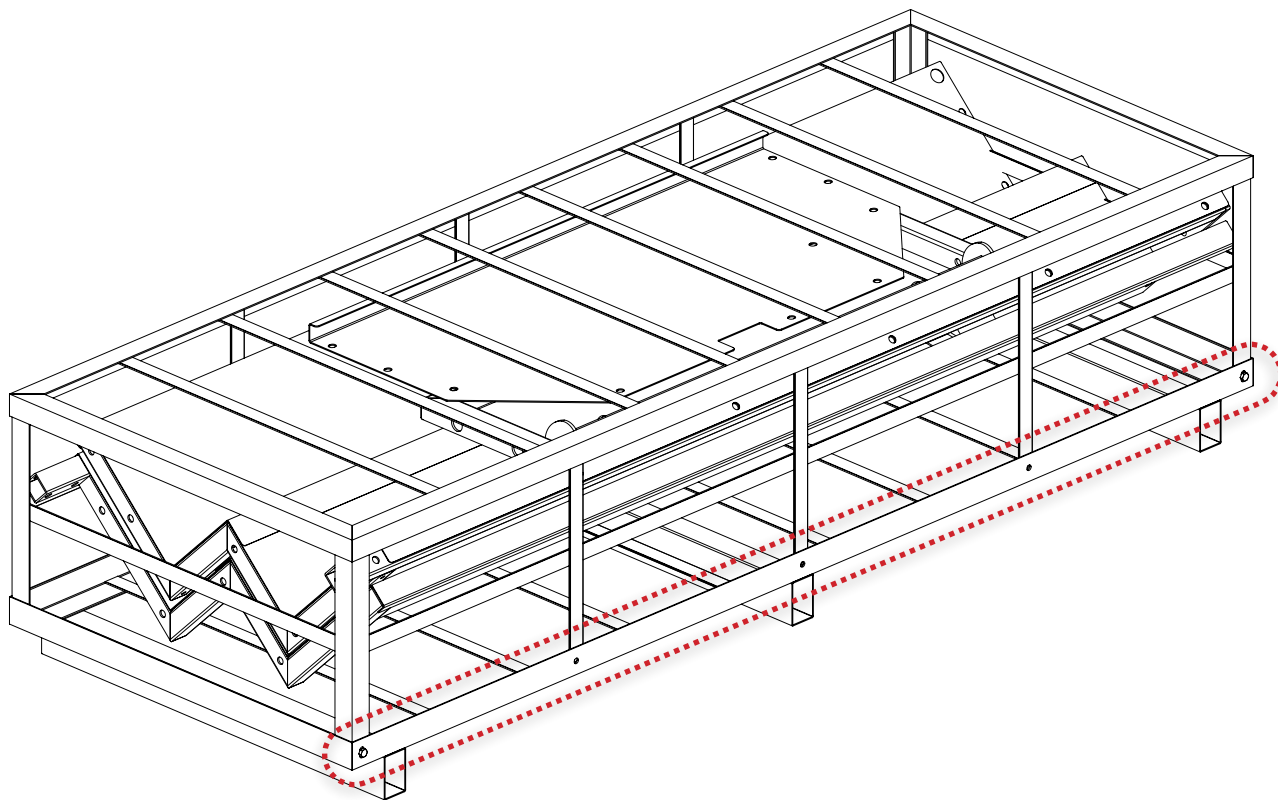
Tool	Specification
Wrench/Socket	8 mm
Wrench/Socket	9 mm
Wrench/Socket	10 mm
Wrench/Socket	13 mm
Wrench/Socket	14 mm
Wrench/Socket	15 mm
Wrench/Socket	18 mm
Hex Key	Set of Metric Hex Keys (e.g. 2-10 mm)
Adjustable Wrench	Variable
Torque Wrench	Capable of 161 ft•lb (218 N•m)





## 2. UNPACKING

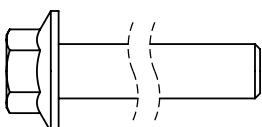
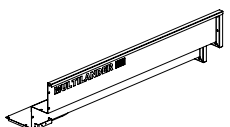
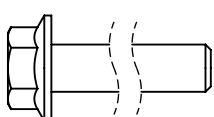
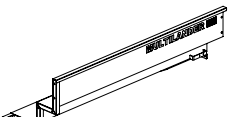
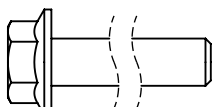
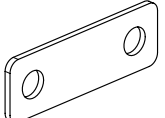
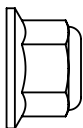
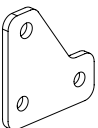

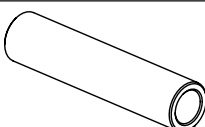
The Multilander utility box ships in a metal frame crate with a cardboard cover. Lift off the cover and remove all the fasteners along the bottom edge of the front/rear of the skid as indicated below.



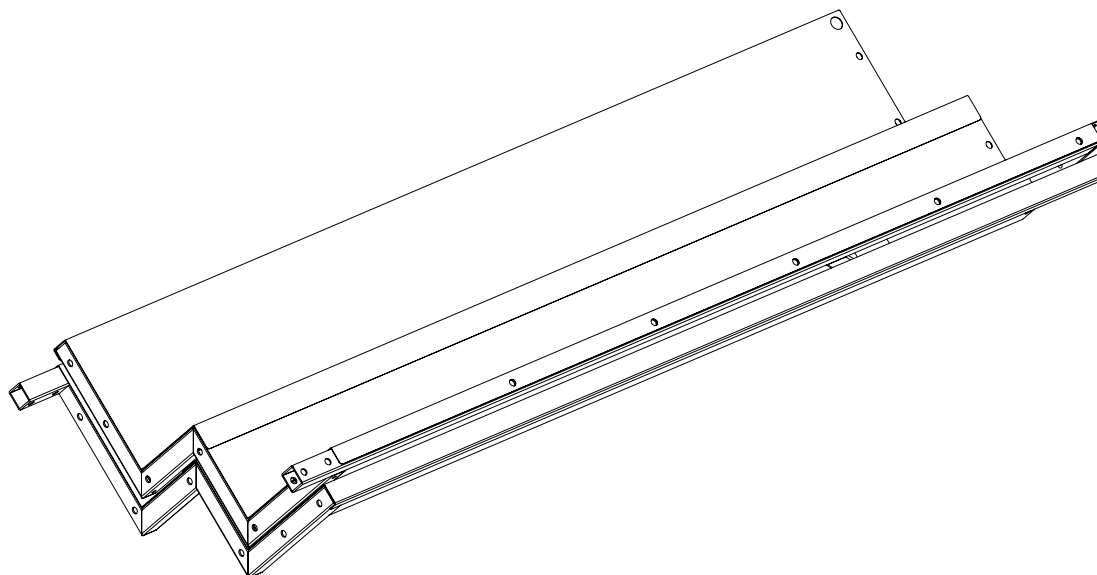
Lift the top crate frame off the bottom skid and remove all the components and boxes. Discard the crate as it is not required for assembly.

### 3. SIDE WALLS

Using the hardware listed below, assemble the two (2) side walls together. Do not tighten any hardware until instructed during the final assembly step.

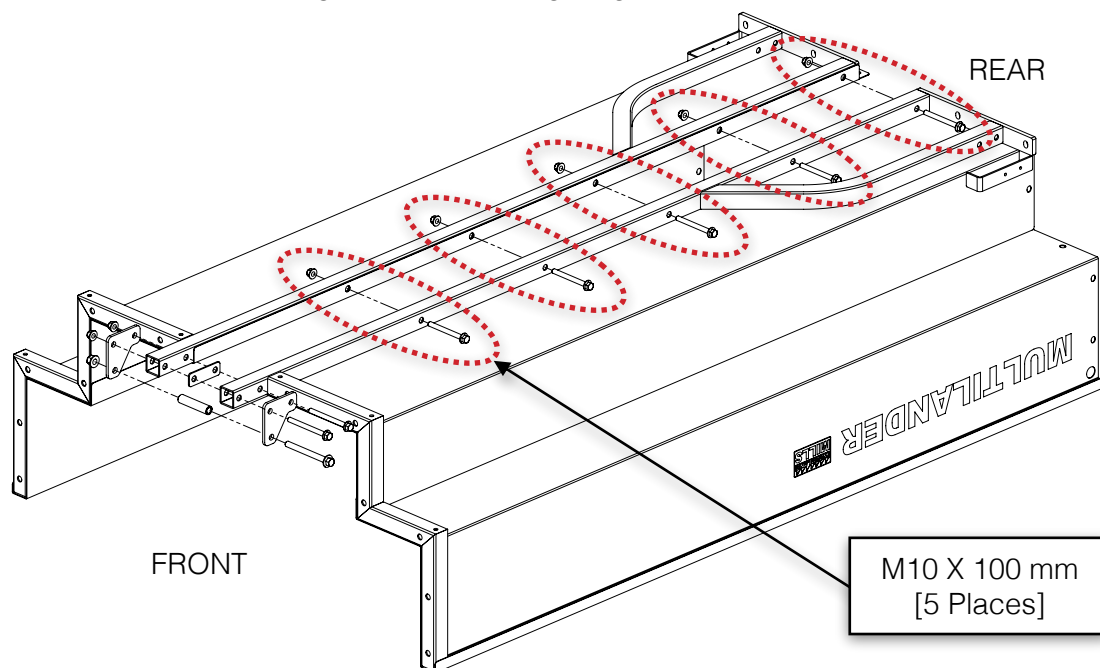
1x	M12 X 120 mm Flanged Hex Bolt		1x	Right Side Wall	
2x	M10 X 110 mm Flanged Hex Bolt		1x	Left Side Wall	
5x	M10 X 100 mm Flanged Hex Bolt		1x	Spacer Plate	
1x	M12 Flanged Lock Nut		2x	Lifting Plate	
7x	M10 Flanged Lock Nut		1x	Hook Collar	

The side walls come packed nested together in the crate as shown below.

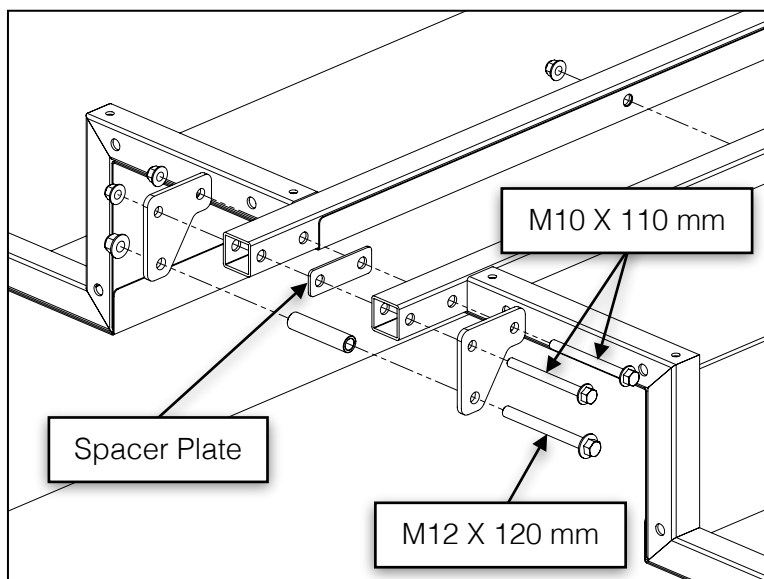




Assembly of the utility box is easiest when built upside down. Turn both side walls upside down and align the holes running down the spine using the five (5) M10 X 100 mm bolts and M10 lock nuts as shown below. Only tighten the bolts *finger tight*.



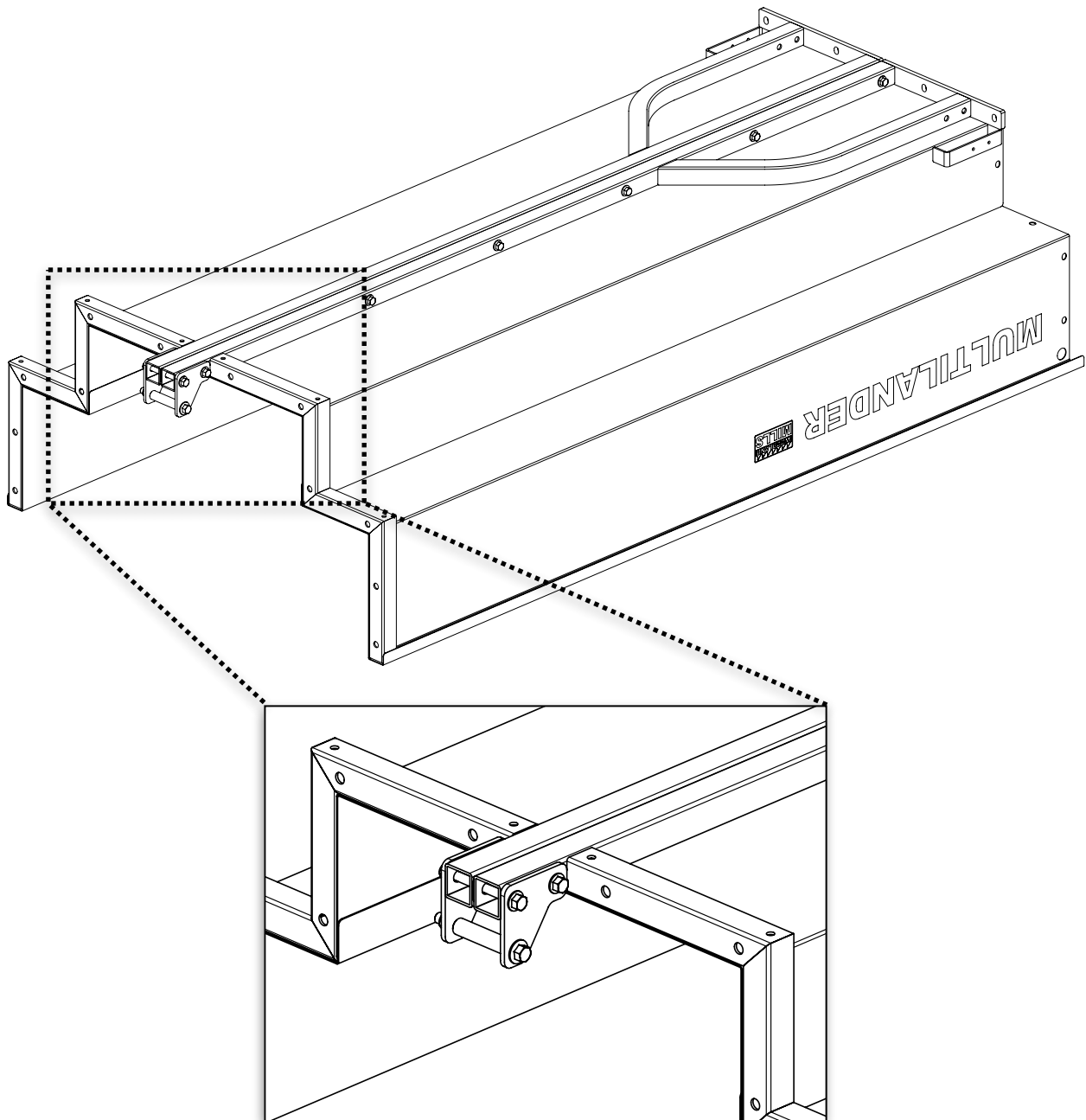
At the front of the utility box, ensure the spacer plate is sandwiched between the two side walls before bolting the two halves together with the two (2) lifting plates.



Use the two (2) M10 X 110 mm bolts and lock nuts and the M12 X 120 mm bolt and lock nut to fasten the two (2) lifting plates and hook collar as shown above.

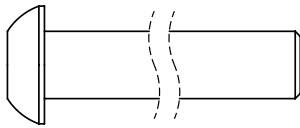
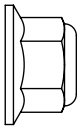
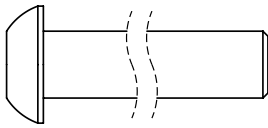
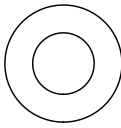
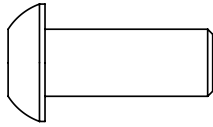
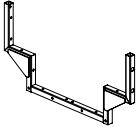


Ensure all bolts are just finger tight. Over-tightening could prevent part alignment during the next assembly steps.

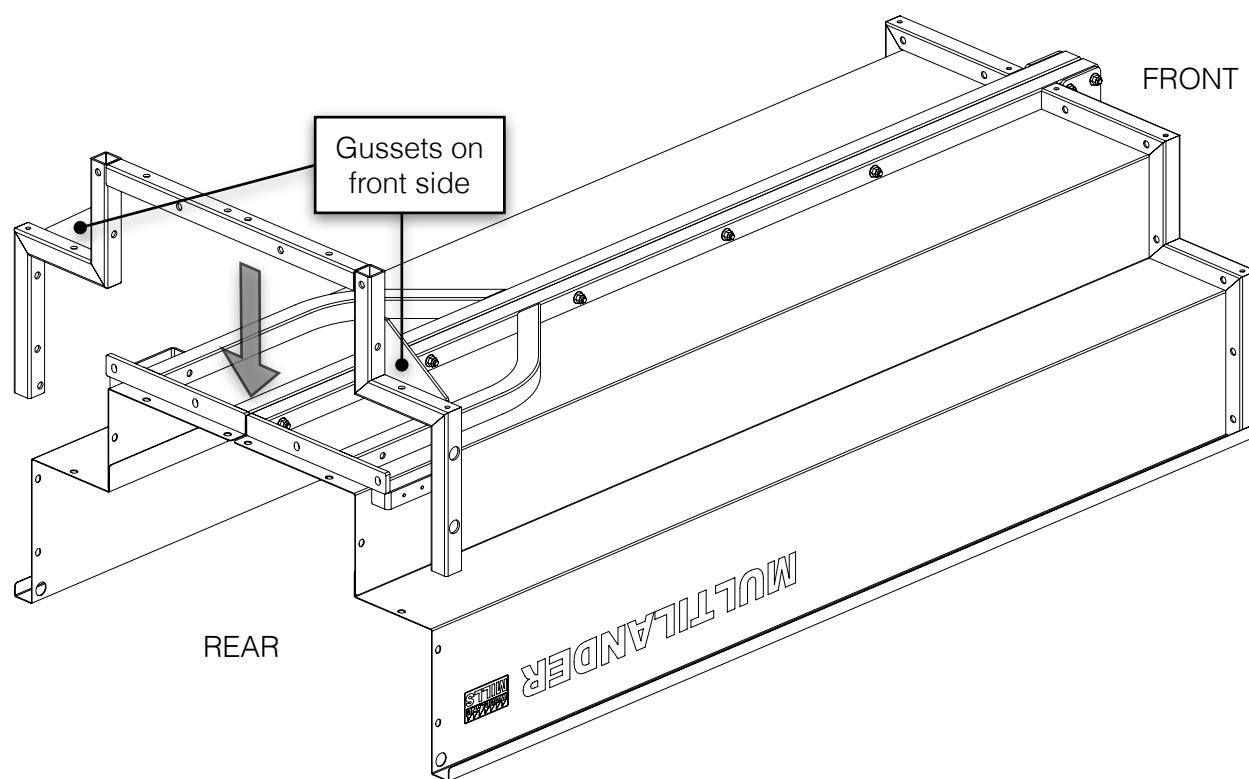


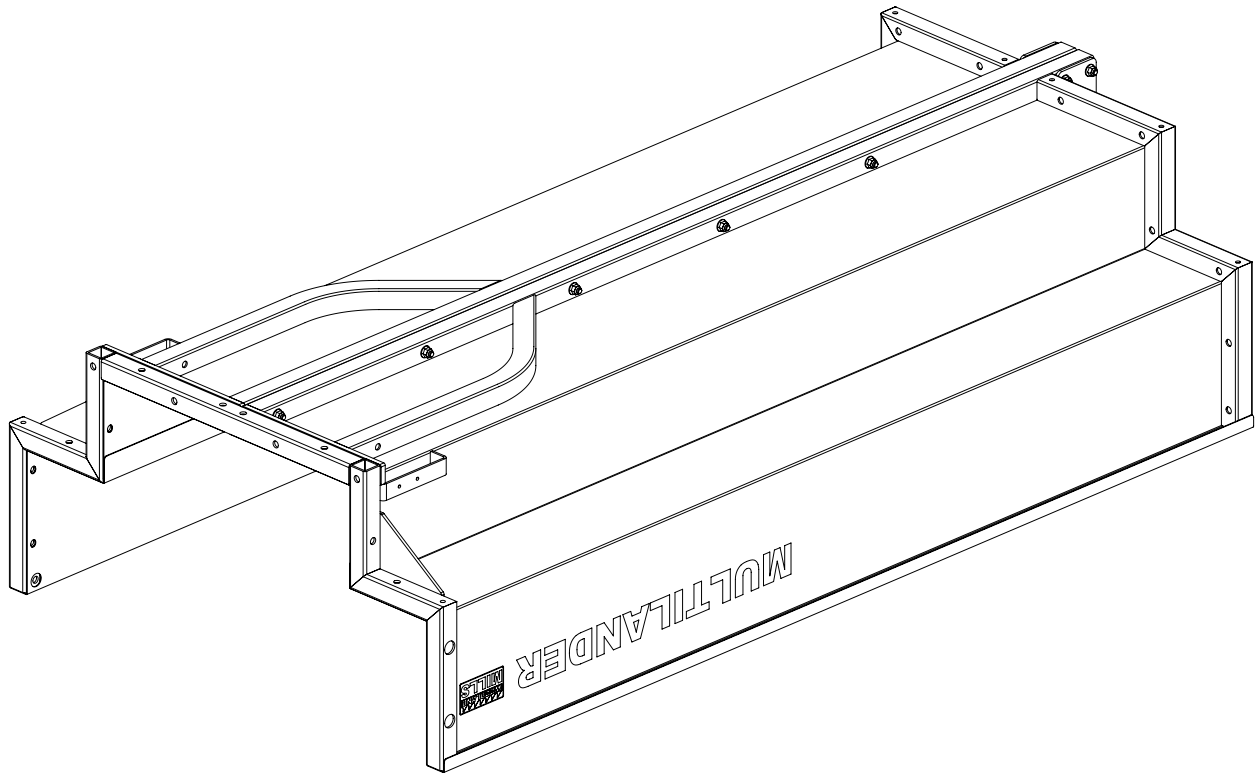
## 4. TAILGATE FRAME

Using the hardware listed below, assemble the tailgate frame to the side walls. Do not tighten any hardware until instructed during the final assembly step.

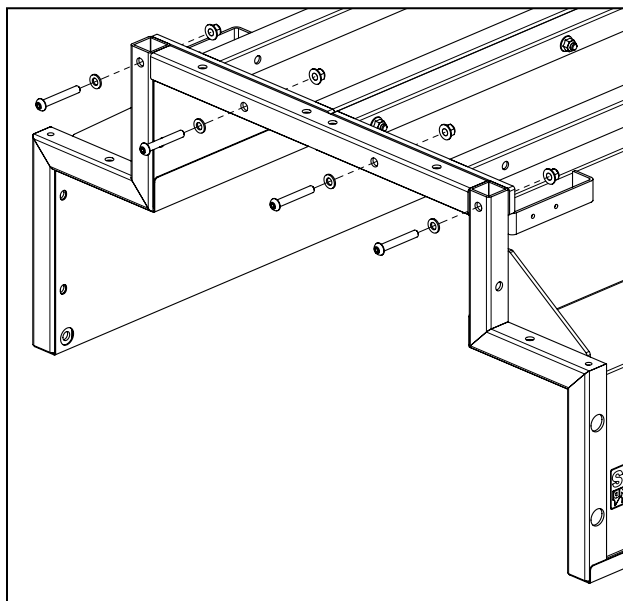
4x	M10 X 70 mm Button Head Screw		16x	M10 Flanged Lock Nut	
8x	M10 X 60 mm Button Head Screw		16x	M10 Flat Washer	
4x	M10 X 25 mm Button Head Screw		1x	Tailgate Frame	

Slide the tailgate frame down over the two (2) side walls until both walls are fully nested within the frame as shown on the next page. Note that the two gussets on the tailgate frame must face towards the front of the utility box.

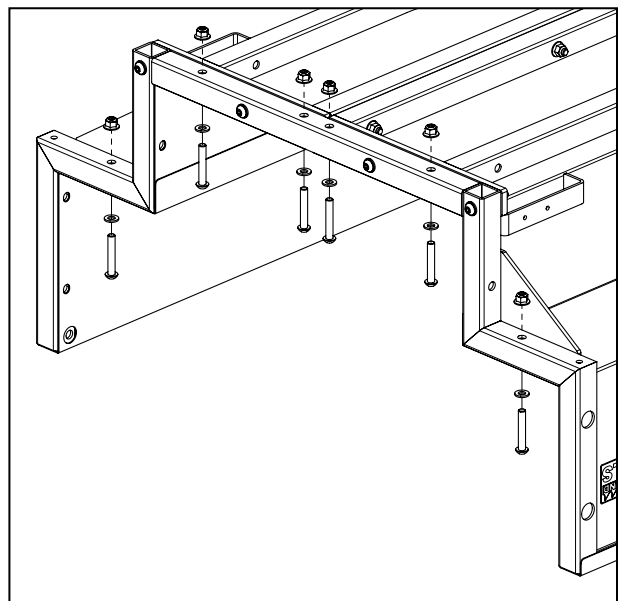




With the tailgate frame in position, insert the four (4) M10 X 70 mm screws, washers, and lock nuts along the bottom of the tailgate frame as shown ***below-left***. Then insert six (6) M10 X 60 mm screws, washers, and lock nuts through the bottom faces of the side walls and then through the tailgate frame as shown ***below-right***.

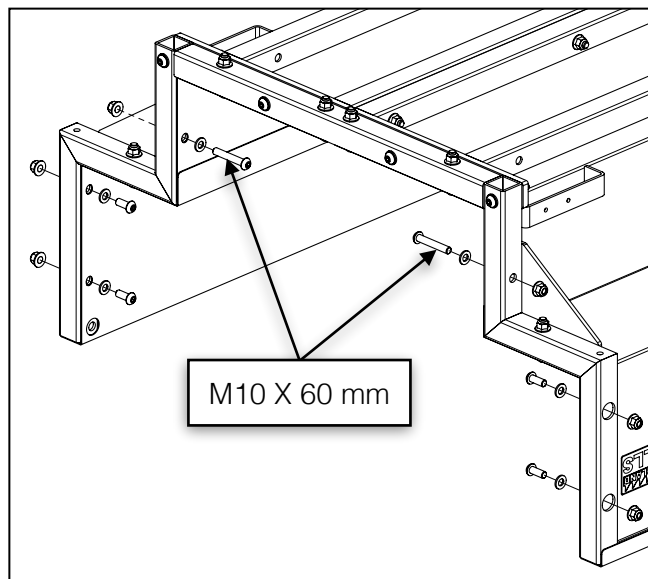


**M10 X 70 MM SCREWS (4)**



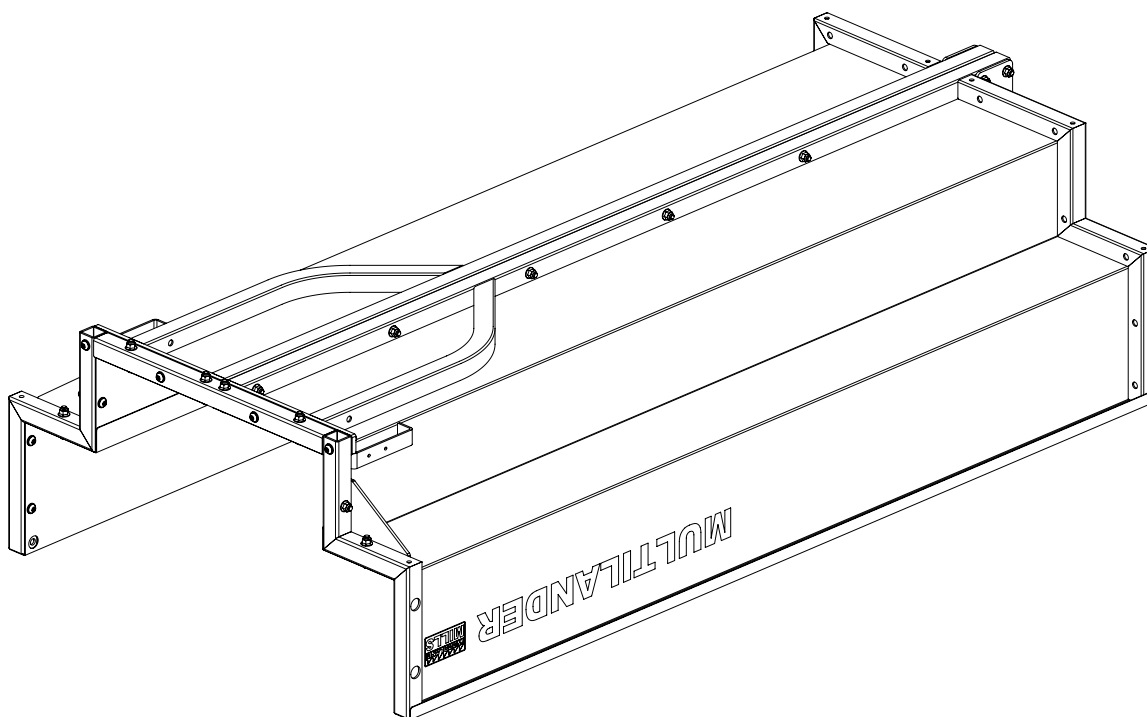
**M10 X 60 MM SCREWS (6)**

Insert the final two (2) M10 X 60 mm screws, washers, and lock nuts through the lower side face of each wall. Insert the four (4) M10 X 25 mm screws, washers, and lock nuts through the upper side faces of both walls.



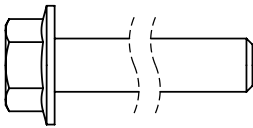
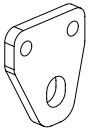
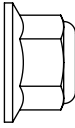
**M10 X 60 MM (2) & M10 X 25 MM SCREWS (4)**

Remember, do not fully tighten any hardware—hand tight only.

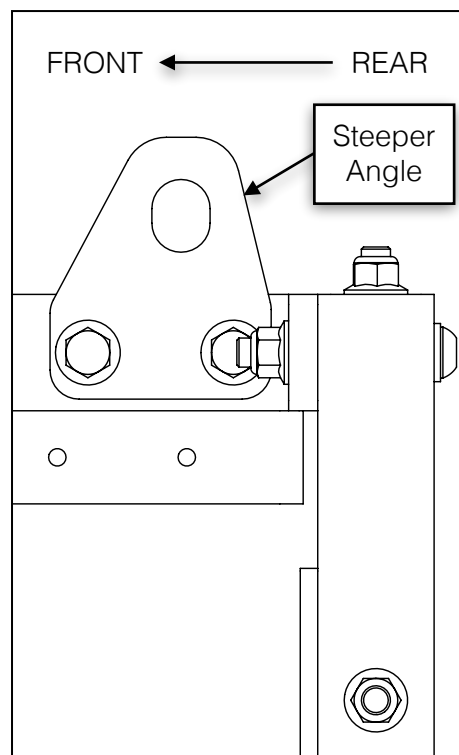
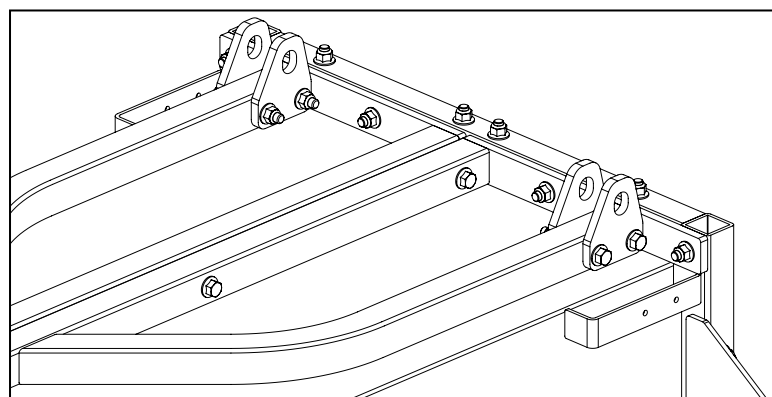
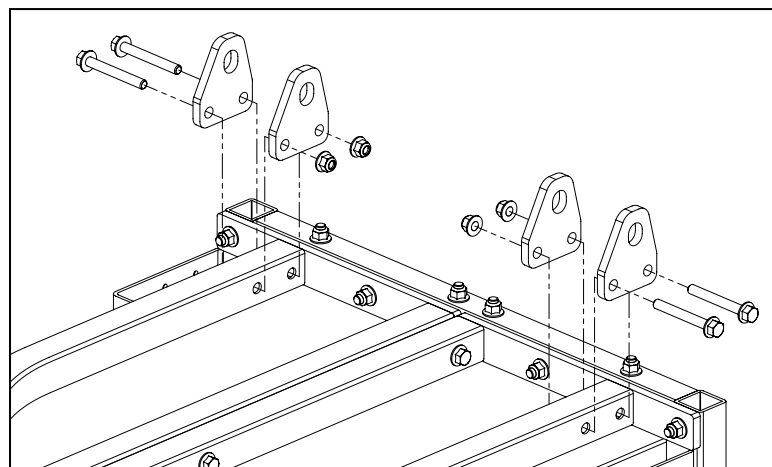


## 5. HINGE PLATES

Using the hardware listed below, assemble the hinge plates to the bottom of the side walls. Torque all four (4) bolts per the table in section, **BOLT TORQUE SPECIFICATIONS**.

4x	M10 X 80 mm Flanged Hex Bolt		4x	Hinge Plate	
4x	M10 Flanged Lock Nut				

Assemble a pair of hinge plates to the bracing on the bottom side of each wall. Use two (2) M10 X 80 mm bolts and lock nuts. Fully tighten these bolts. Note hinge plate profile orientation (see ***below-right***)

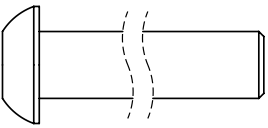
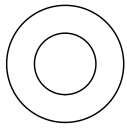
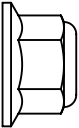
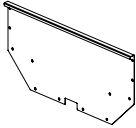


**NOTE HINGE PLATE PROFILE —  
STEEPER ANGLE FACES REAR  
OF UTILITY BOX**

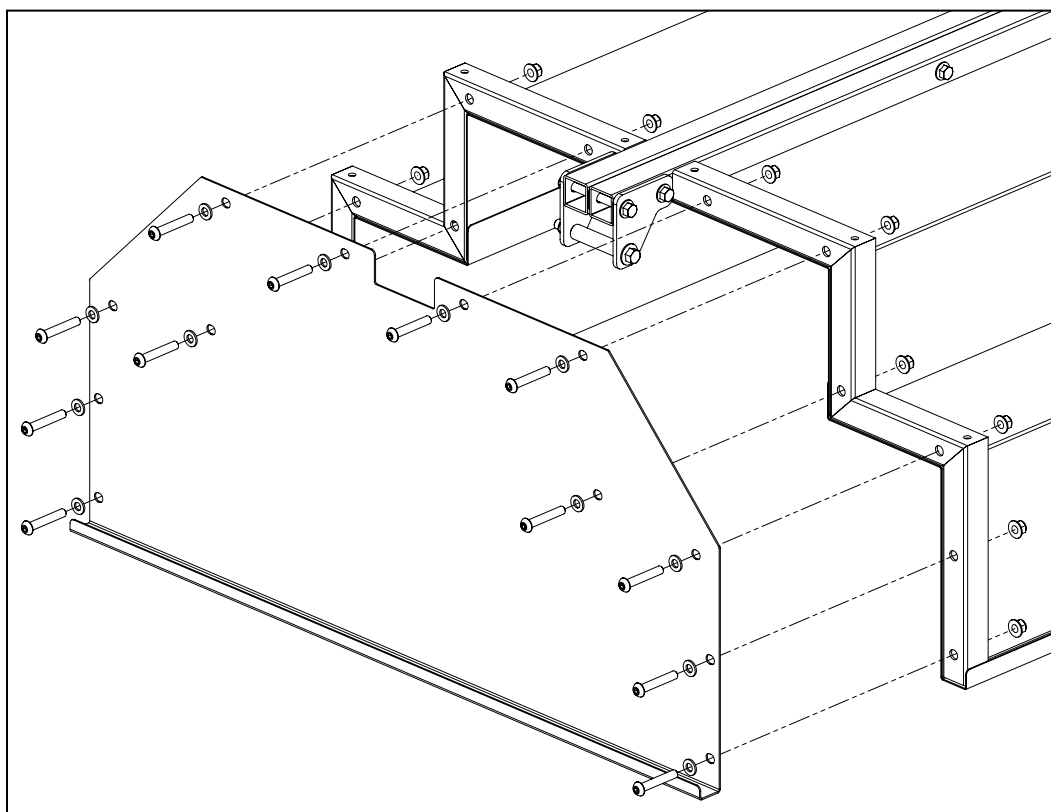


## 6. FRONT WALL

Using the hardware listed below, assemble the front wall to the side walls. Do not tighten any hardware until instructed at the end of this step.

12x	M10 X 60 mm Button Head Screw		12x	M10 Flat Washer	
12x	M10 Flanged Lock Nut		1x	Front Wall	


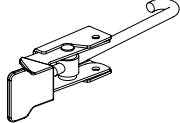
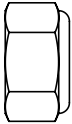
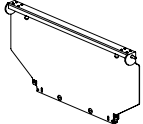
Insert the twelve (12) M10 X 60 mm screws, washers, and lock nuts through the front wall into the side walls as shown below.



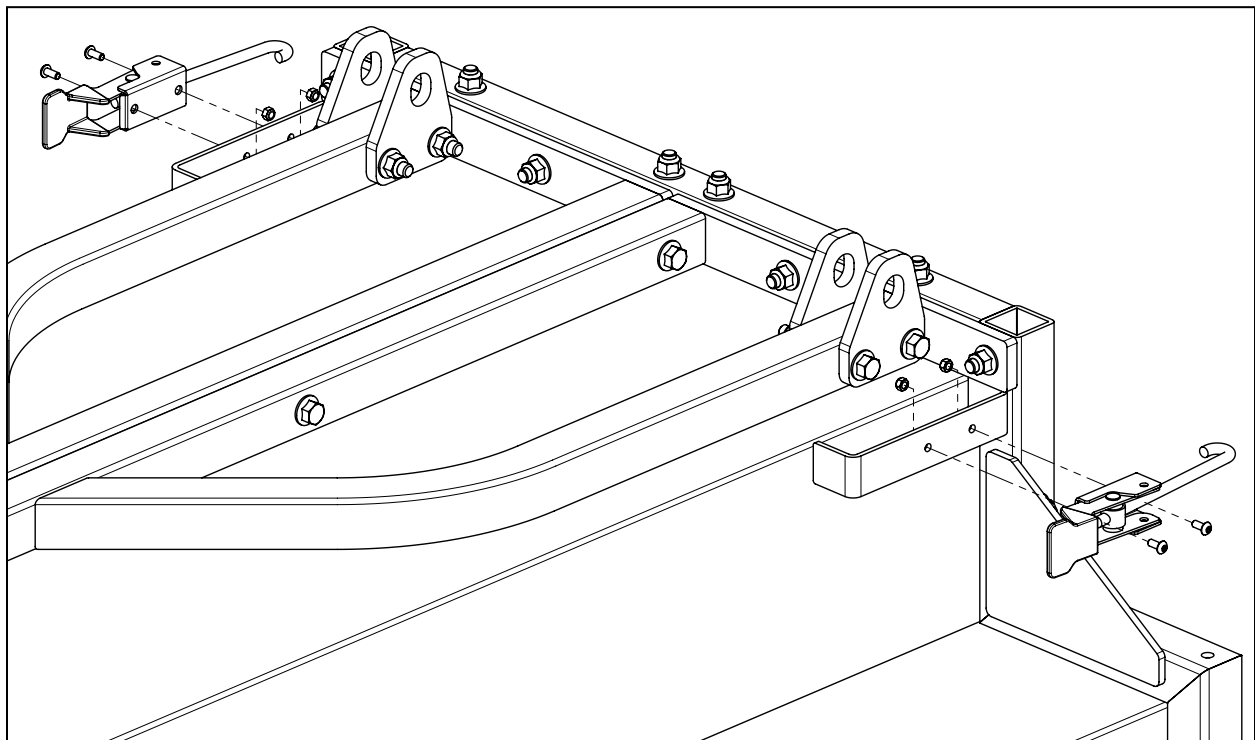
**Once all the screws are inserted into the front wall, torque all the utility box hardware from this and prior steps.**

## 7. TAILGATE

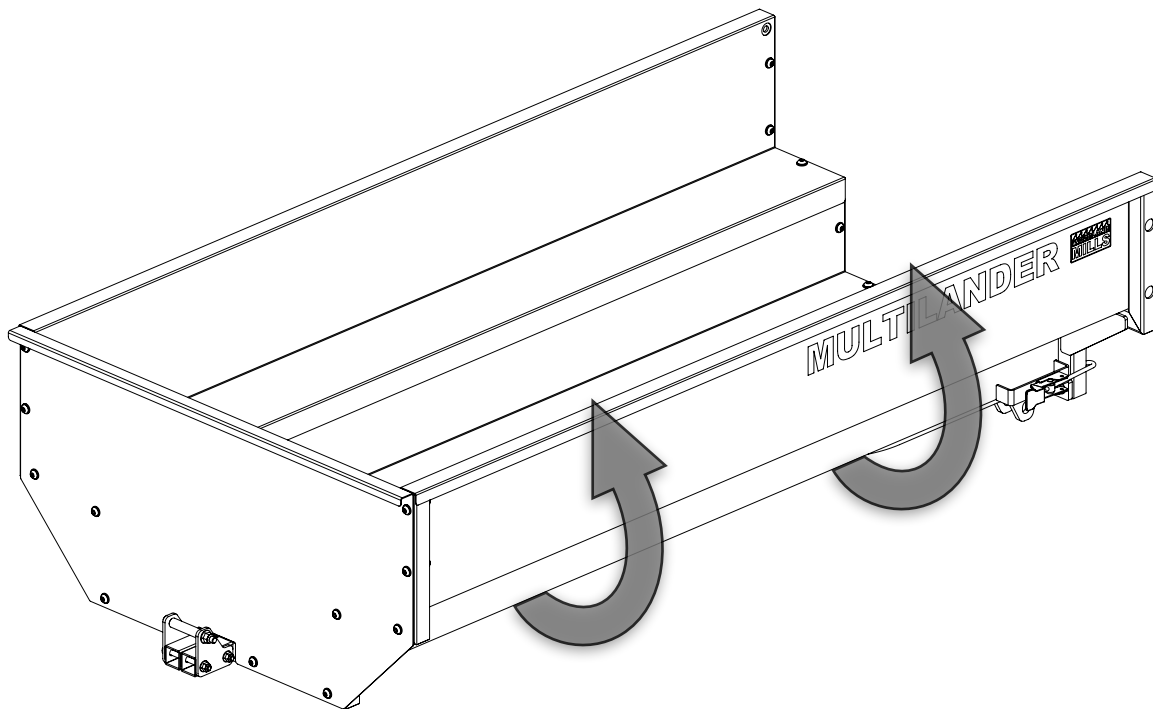
Using the hardware listed below, assemble the hook latches and tailgate to the side walls.

4x	M5 X 12 mm Button Head Screw		2x	Hook Latch	
4x	M5 Lock Nut		1x	Tailgate	

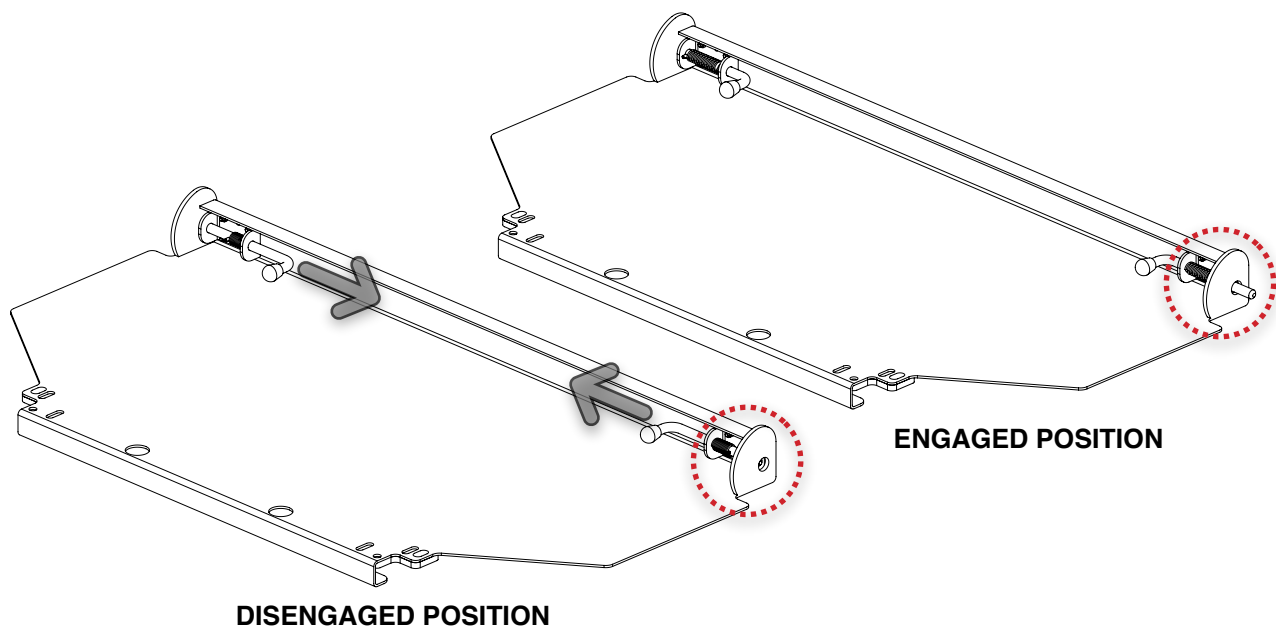
Assemble the two (2) hook latches to the brackets on each side wall using two (2) M5 X 12 mm screws and lock nuts per latch.



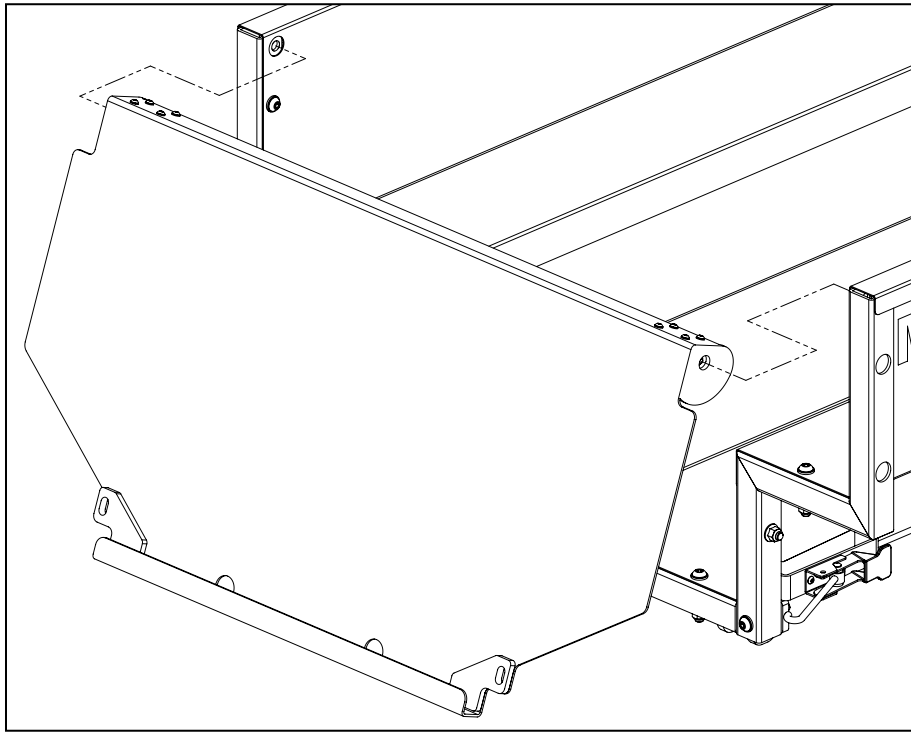
With assembly of the utility box complete, rotate it 180° until it is sitting right-side up.



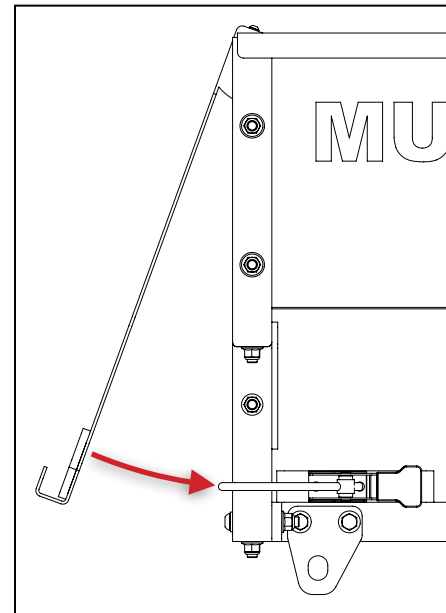
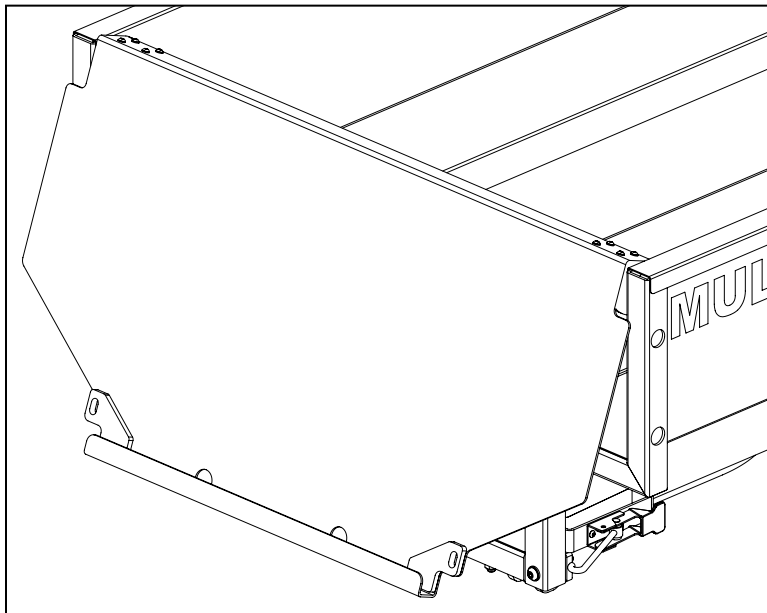
Two (2) locking pins come pre-assembled to the tailgate which are used to engage/disengage it with/from the utility box. By default the pins are in the engaged position. Each pin is pulled towards the centre of the tailgate until it no longer protrudes in order to disengage them as shown below.



To install the tailgate, disengage both locking pins.

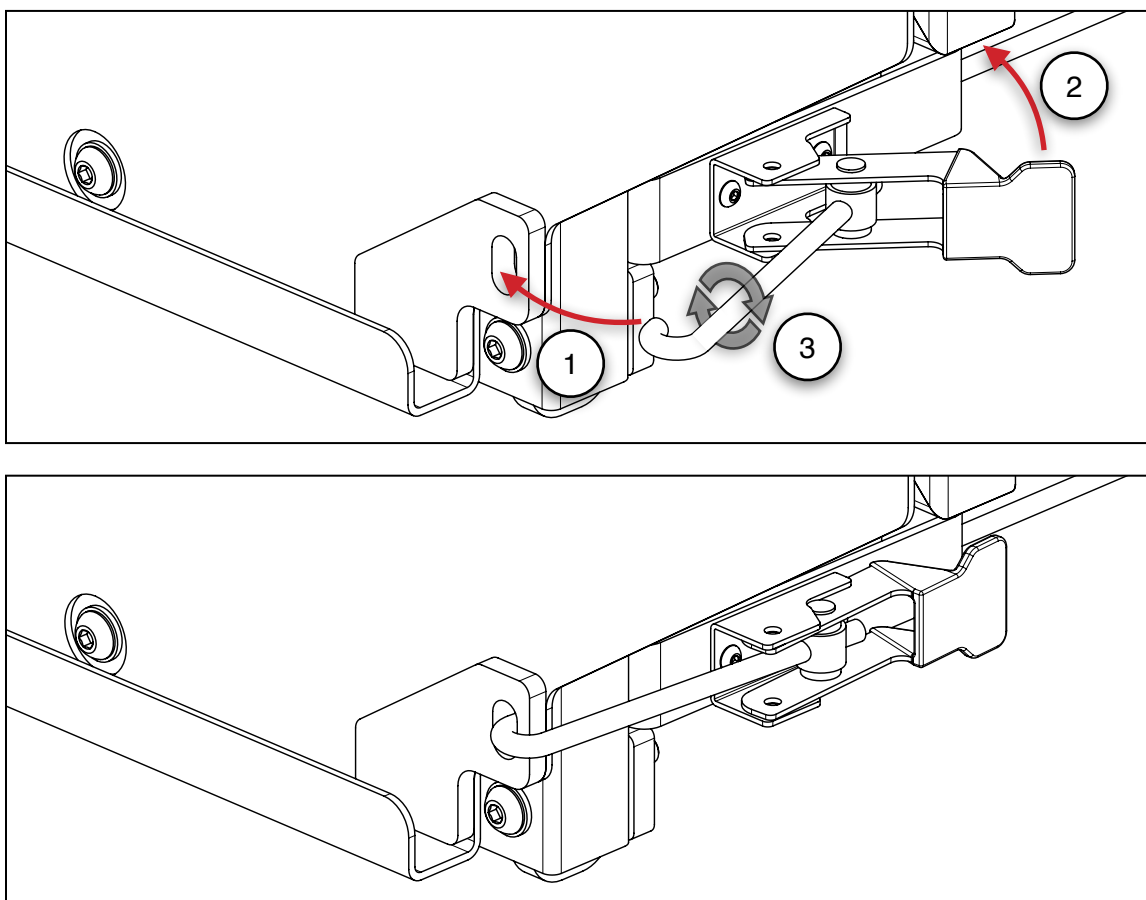


Position the top of the tailgate until the locking pins line up with the holes at the top of each side wall. Release the pins so they fully engage with the side walls and then rotate the tailgate down into position.




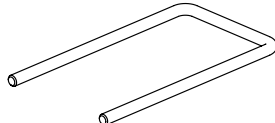
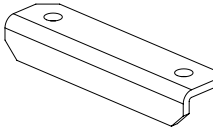
Secure the tailgate to the utility box with the two (2) hook latches at the bottom of each side wall. Connect the hook to the slot in the rear of the tailgate (*see #1 below*) and then close the latch (*see #2 below*).

Adjust each latch by first disengaging the latch and then threading the hook in or out (*see #3 below*) until it pulls the tailgate tightly to the utility box when latched.

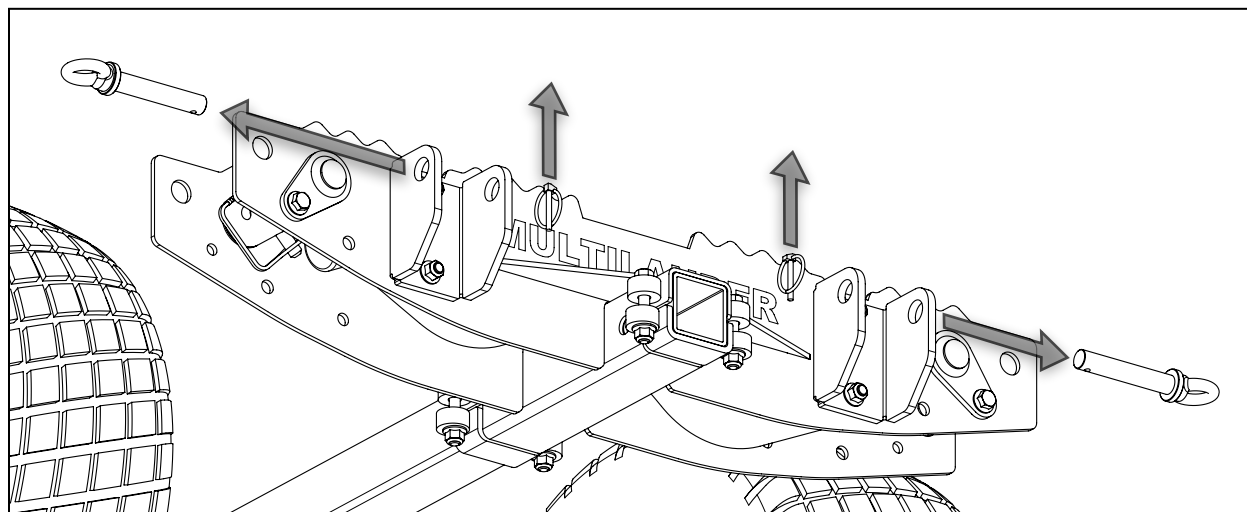


## 8. UTILITY BOX TO TRAILER

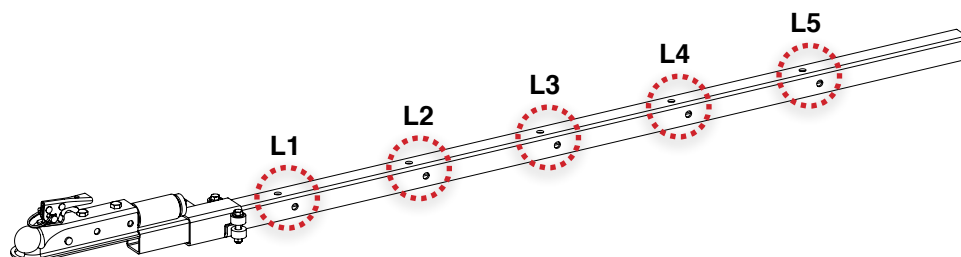
After assembly of the utility box is complete, mate it to the Multilander trailer using the hardware listed below.

2x	M10 Flanged Lock Nut		1x	Lock-Down Clamp U-Bolt	
			1x	Lock-Down Clamp	

Remove both linch pins and hinge pins from the hinge brackets on the rear log rack of the Multilander trailer. The four (4) green logging arms on the trailer must be in the stowed (down) position.

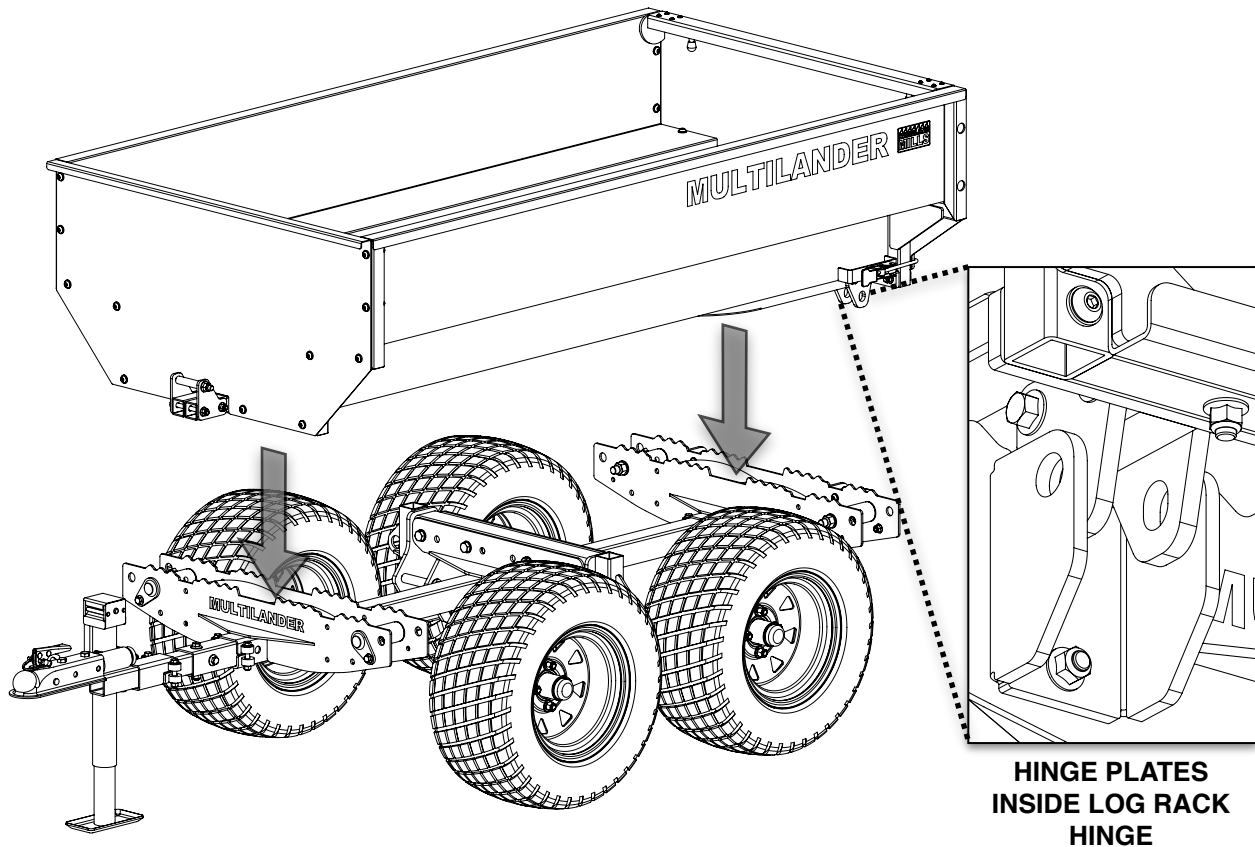


When the Multilander trailer is used with only the utility box and no boom and winch, it is recommended the tongue extension length be set to **L1**. See **MULTILANDER OPERATOR'S MANUAL**, section, **Tongue Extension Configurations**, for more information.

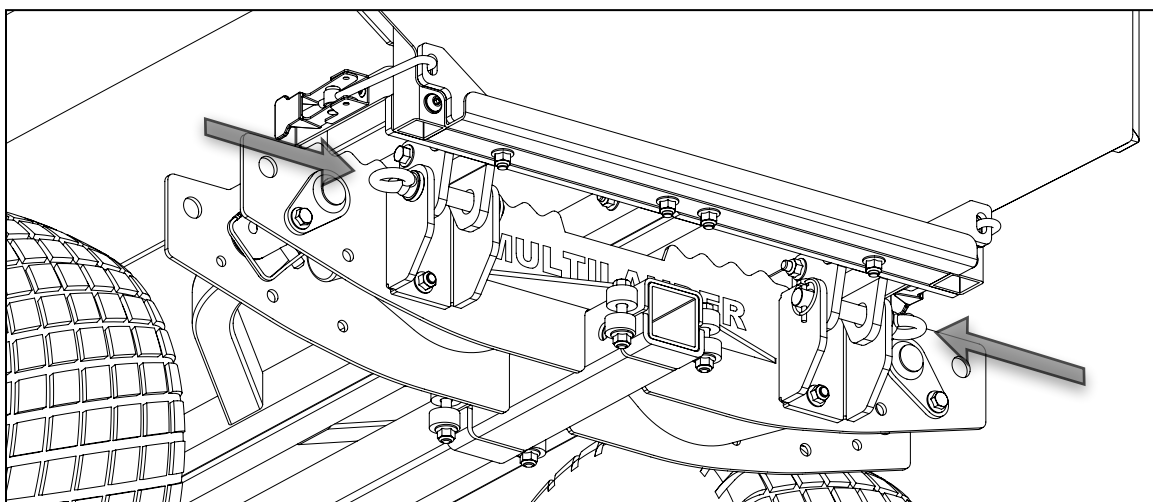




With the assistance of another person, carry the utility box over to the trailer and set it down onto the log racks. Align the hinge holes in the utility box with those on the trailer making sure the hinge plates on the utility box sit *inside* the log rack hinges as shown in the detail below.



With the holes aligned, replace both hinge pins and lynch pins as shown below.





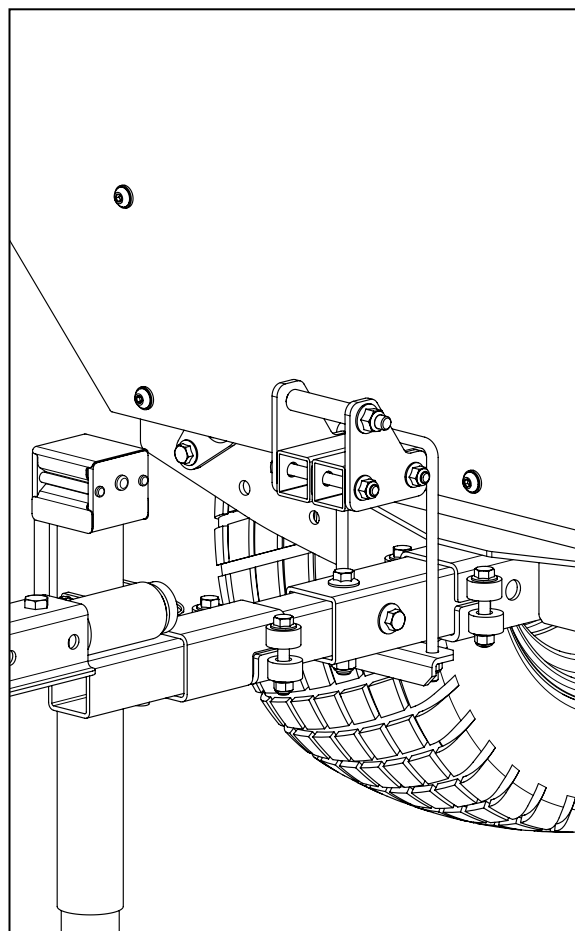
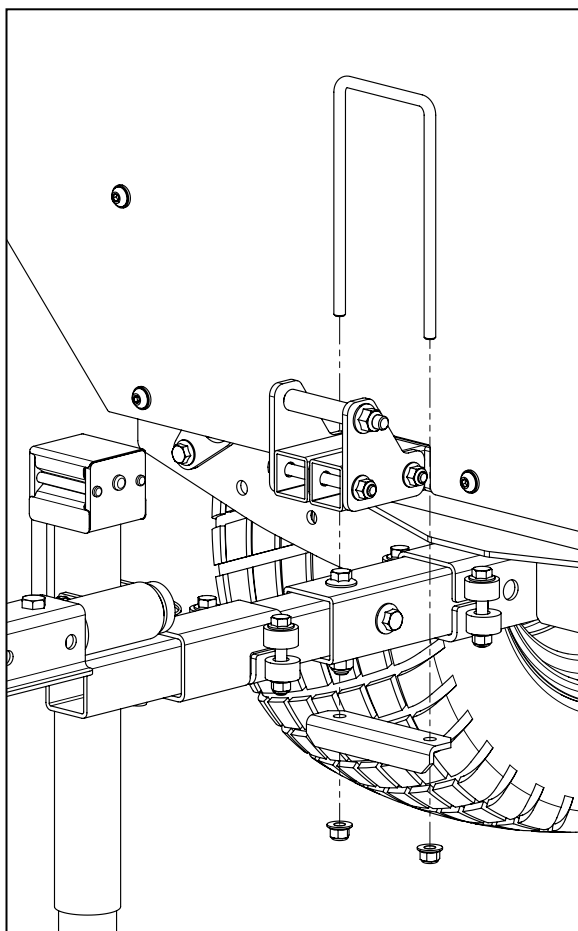
**STOP! If either the boom and winch were purchased, ignore this section.**



**This page is for owners with the *Multilander Trailer with Utility Box* configuration only—if there is no winch and boom kit with your Multilander, follow the instructions on this page.**

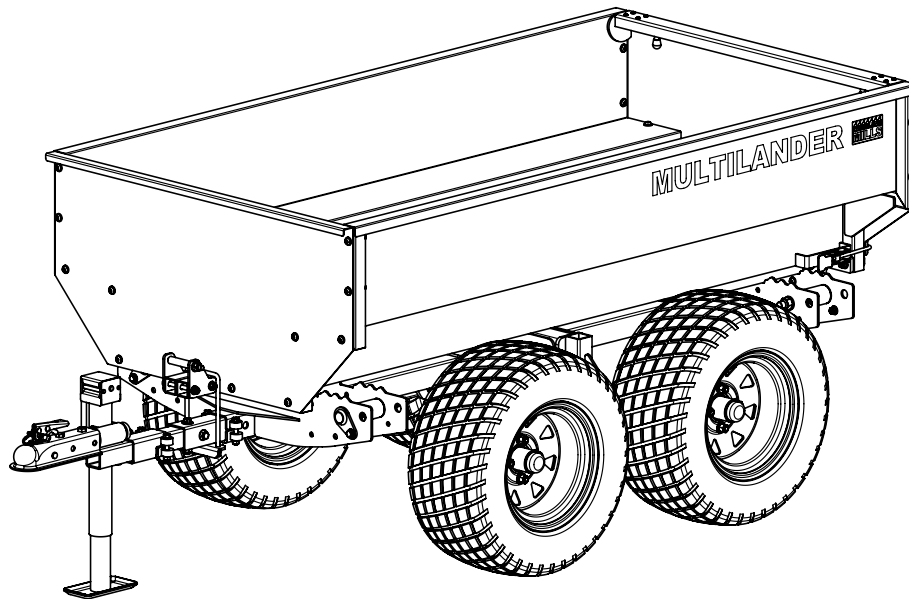
Install the U-bolt over the protruding spine at the front of the utility box. Slide the lock-down clamp up until it is flush with the underside of the chassis and then install the two (2) M10 lock nuts as shown ***below-left***.

When tightening the nuts, tighten the left and right sides incrementally until the clamp fully seats against the bottom of the chassis. Ensure the clamp does not sit askew.

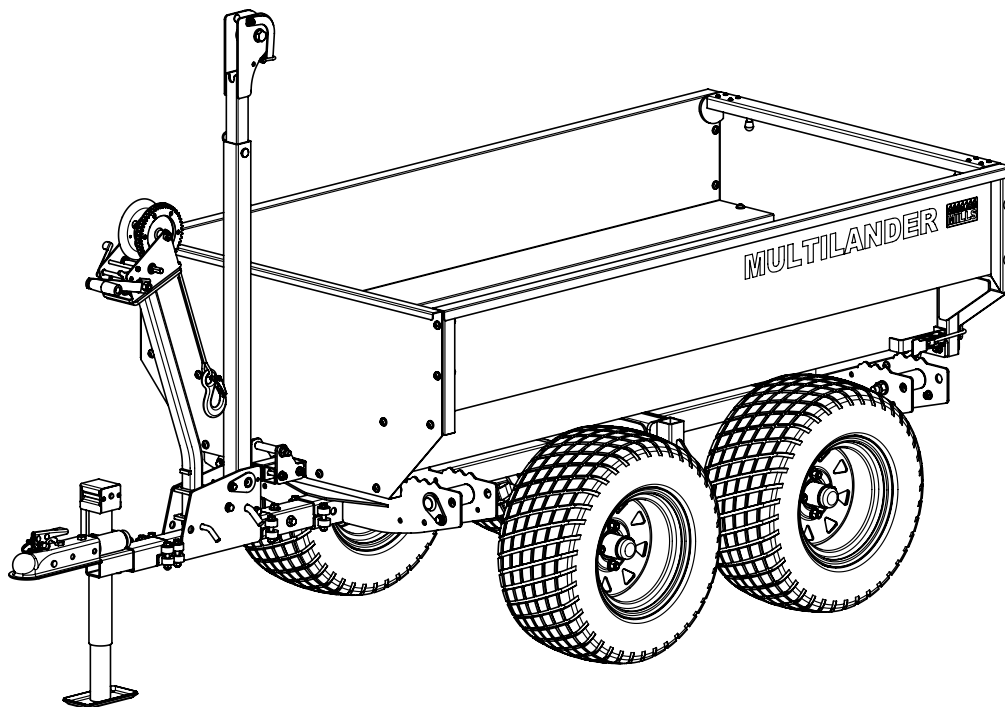




**Multilander Logging Trailer with Utility Box** configuration shown below.



**Multilander Logging Trailer with Utility Dump Box** configuration shown below. Boom and winch kit sold separately.





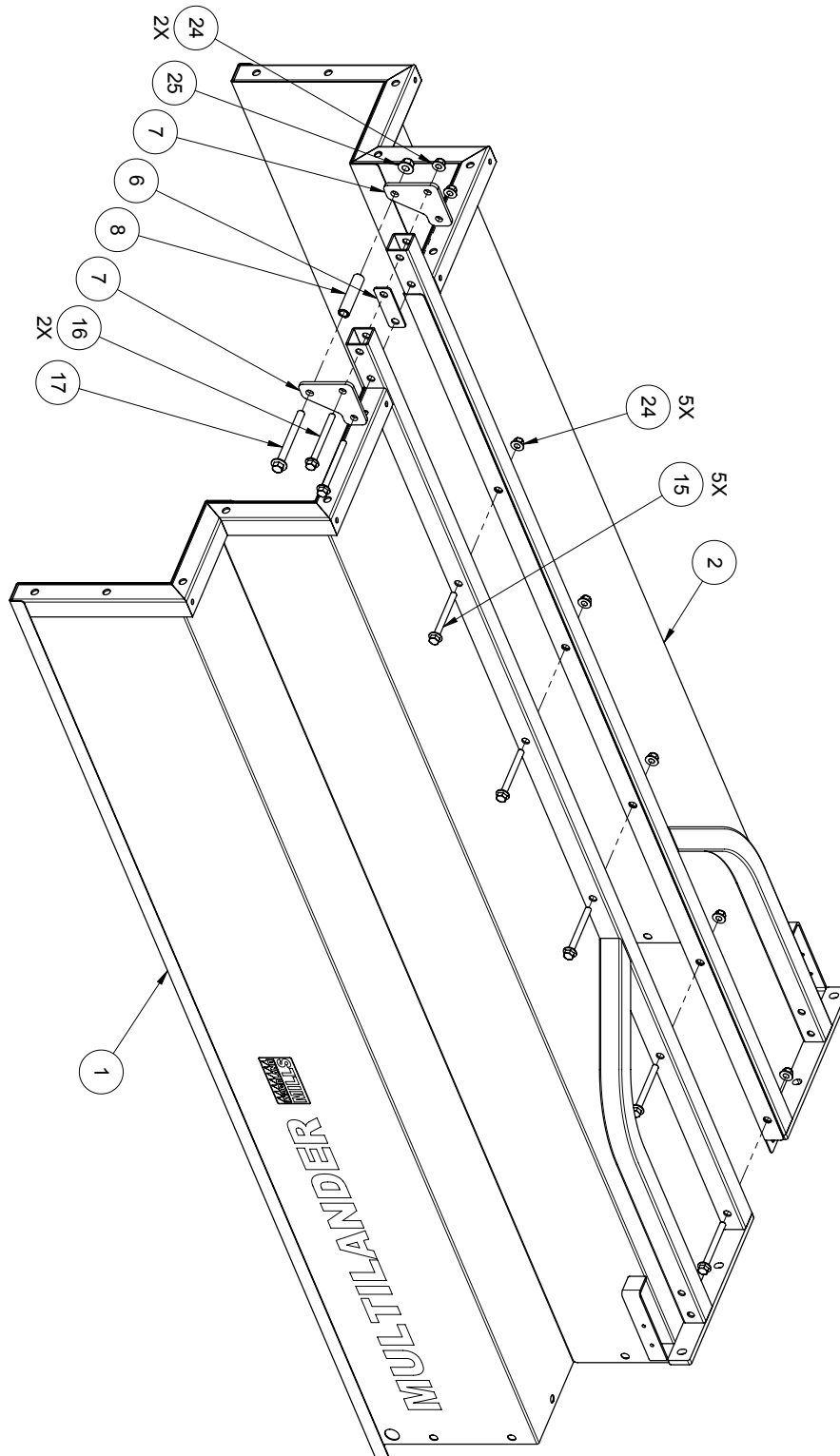
## PARTS LIST

Item	Qty	Part No.	Description
1	1	0002328	SIDE WALL, RIGHT
2	1	0002329	SIDE WALL, LEFT
3	1	0002330	FRONT WALL
4	1	0002331	TAILGATE FRAME
5	1	0002332	TAILGATE
6	1	0002333	SPACER PLATE
7	2	0002334	LIFTING PLATE
8	1	0002335	WINCH HOOK COLLAR
9	4	0002336	HINGE PLATE
10	2	0002337	LOCK PIN ASSEMBLY, 12 mm DIA
11	2	0002338	HOOK LATCH, 8 mm HOOK
12	1	0002339	U-BOLT, 100 X 205 mm ID, M10 X 1.5, 43 mm LG THD (2X)
13	1	0002340	LOCK-DOWN CLAMP
14	4	HDW	HEX BOLT, FLANGED, M10 X 1.5, 80 mm LG, 26 mm LG THD
15	5	HDW	HEX BOLT, FLANGED, M10 X 1.5, 100 mm LG, 26 mm LG THD
16	2	HDW	HEX BOLT, FLANGED, M10 X 1.5, 110 mm LG, 26 mm LG THD
17	1	HDW	HEX BOLT, FLANGED, M12 X 1.75, 120 mm LG, 30 mm LG THD
18	4	HDW	BUTTON HEAD SCREW, M5 X 0.8, 12 mm LG
19	8	HDW	BUTTON HEAD SCREW, M5 X 0.8, 16 mm LG
20	4	HDW	BUTTON HEAD SCREW, M10 X 1.5, 25 mm LG
21	20	HDW	BUTTON HEAD SCREW, M10 X 1.5, 60 mm LG
22	4	HDW	BUTTON HEAD SCREW, M10 X 1.5, 70 mm LG
23	12	HDW	LOCK NUT, M5 X 0.8
24	41	HDW	LOCK NUT, FLANGED, M10 X 1.5
25	1	HDW	LOCK NUT, FLANGED, M12 X 1.75
26	8	HDW	FLAT WASHER, M5
27	28	HDW	FLAT WASHER, M10



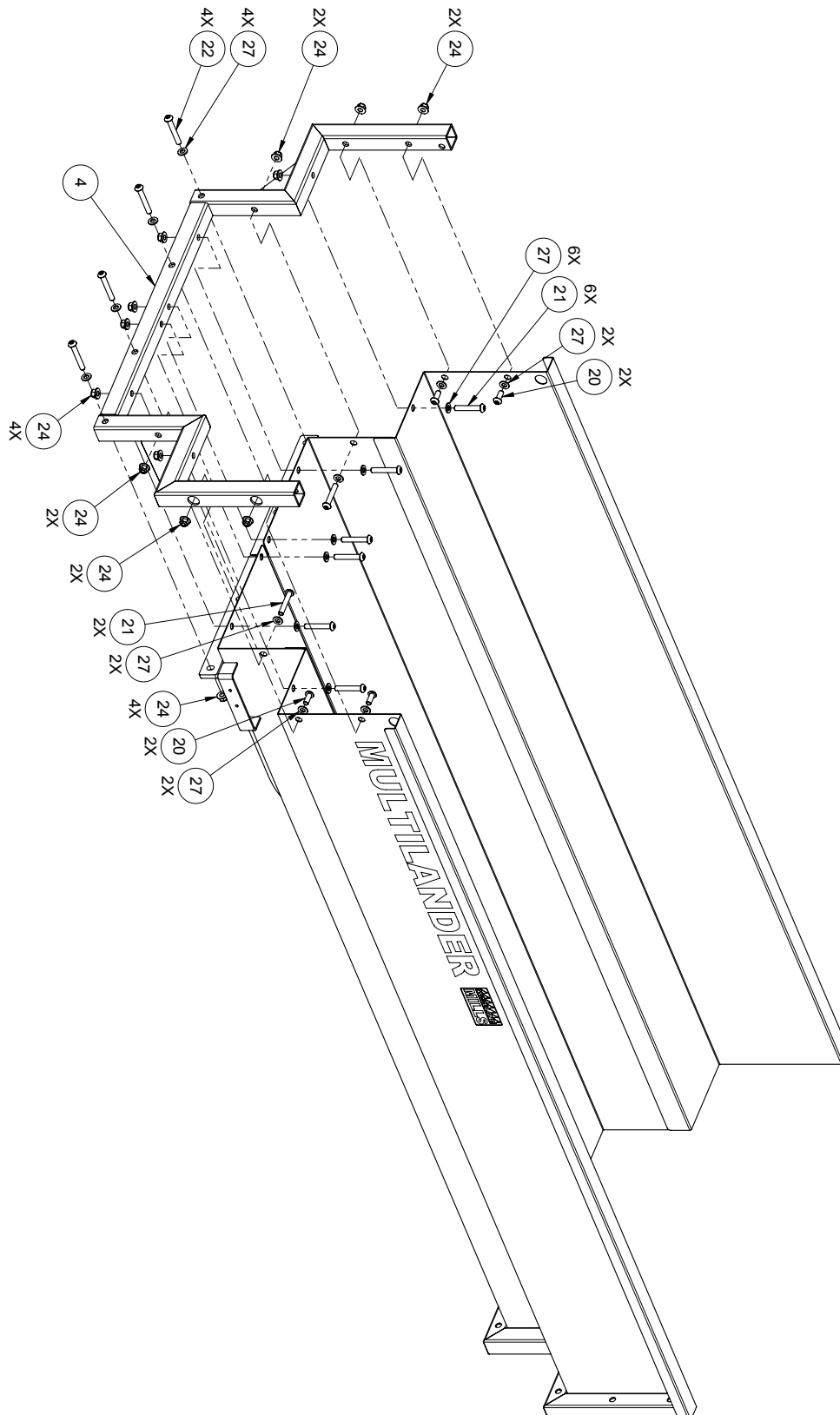
## EXPLODED ASSEMBLY VIEWS

### SIDE WALLS





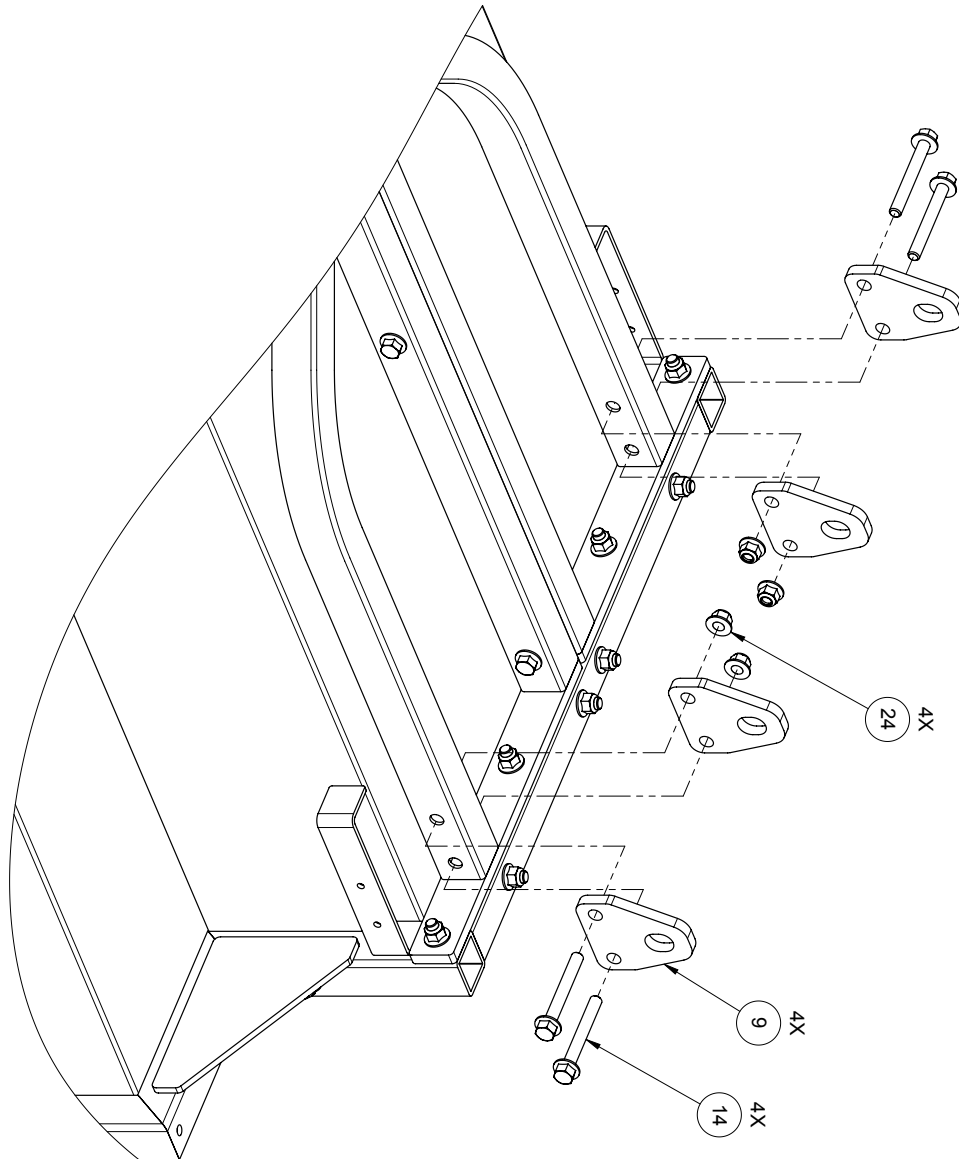
## TAILGATE FRAME





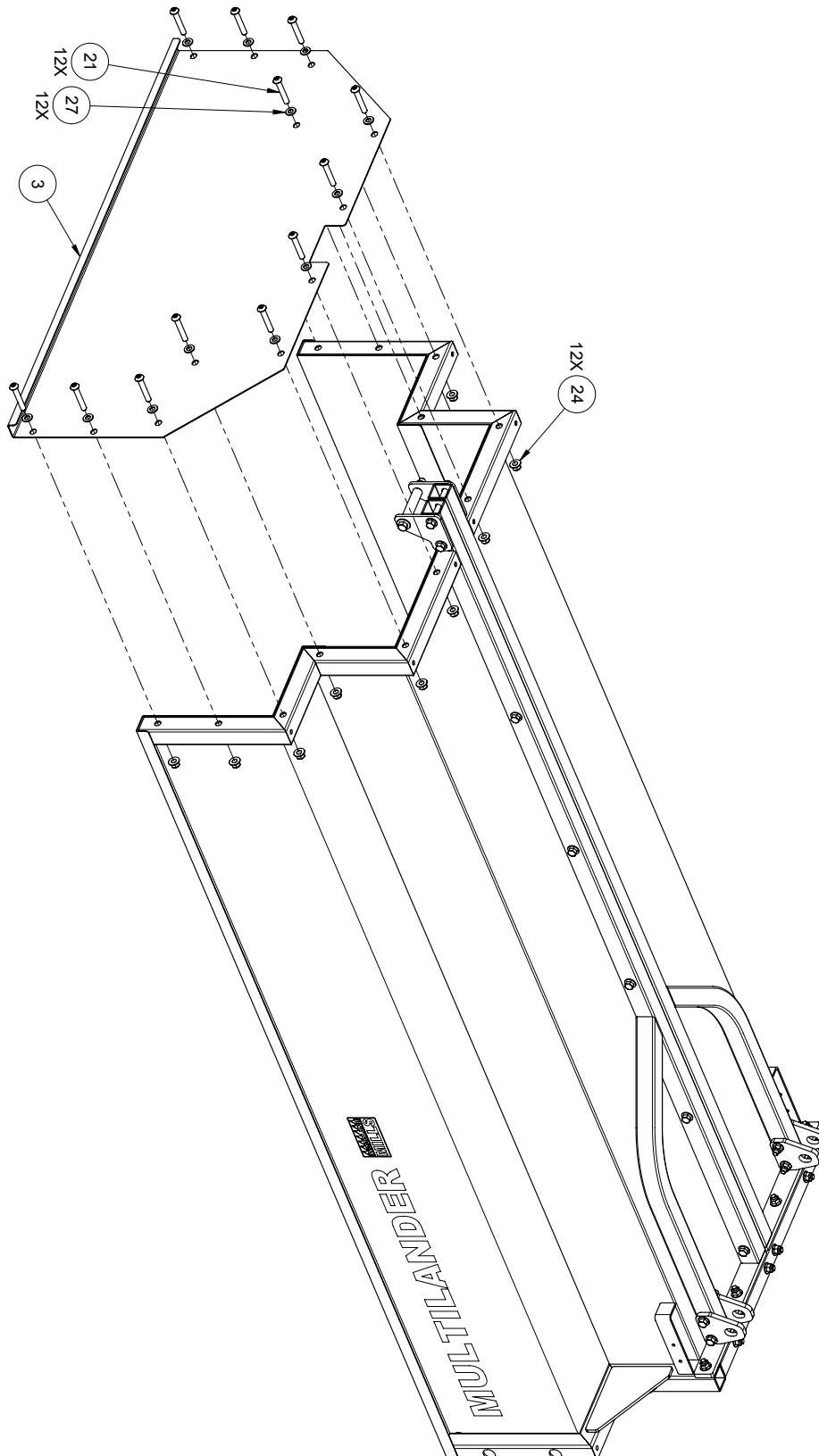


## HINGE PLATES



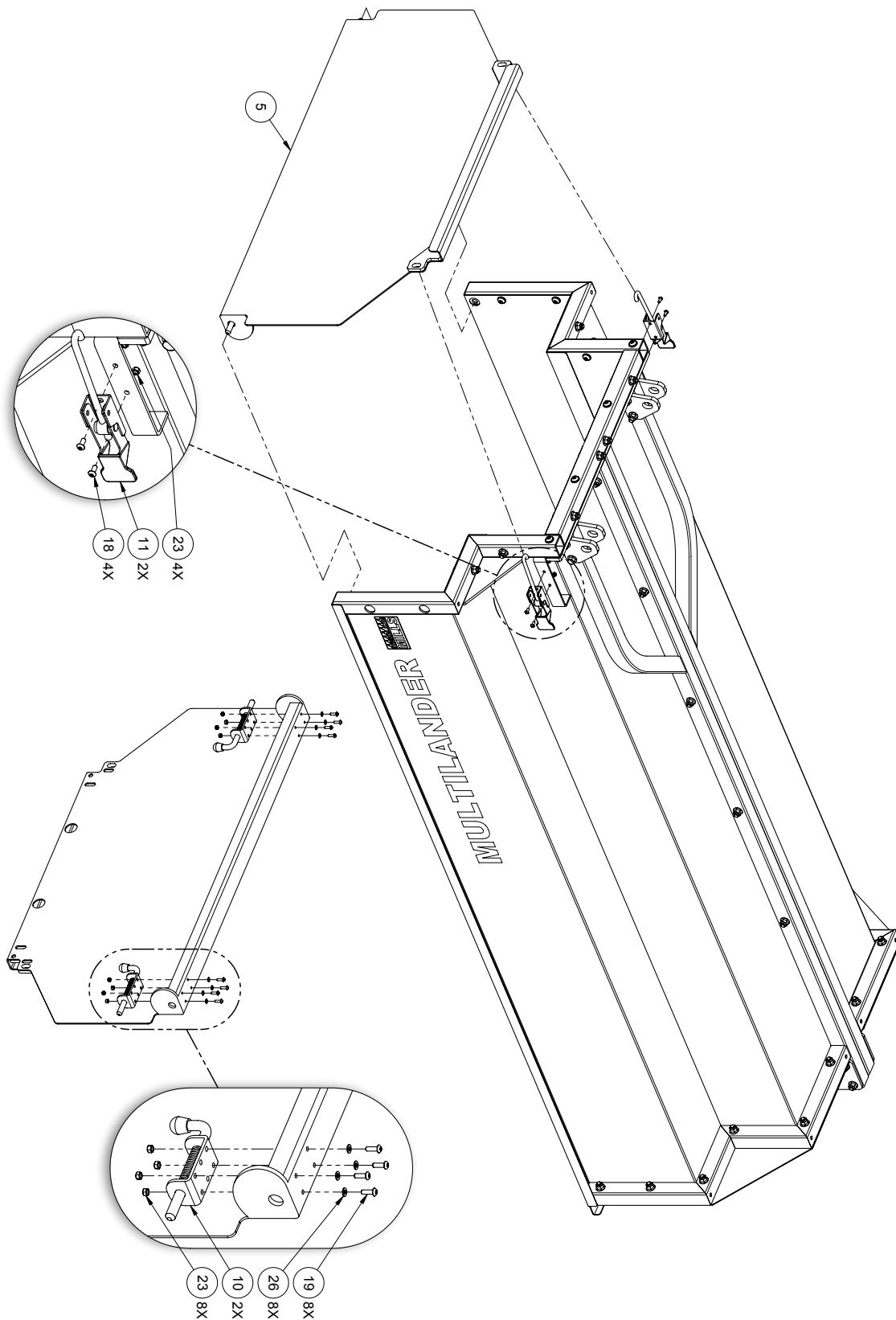


## FRONT WALL



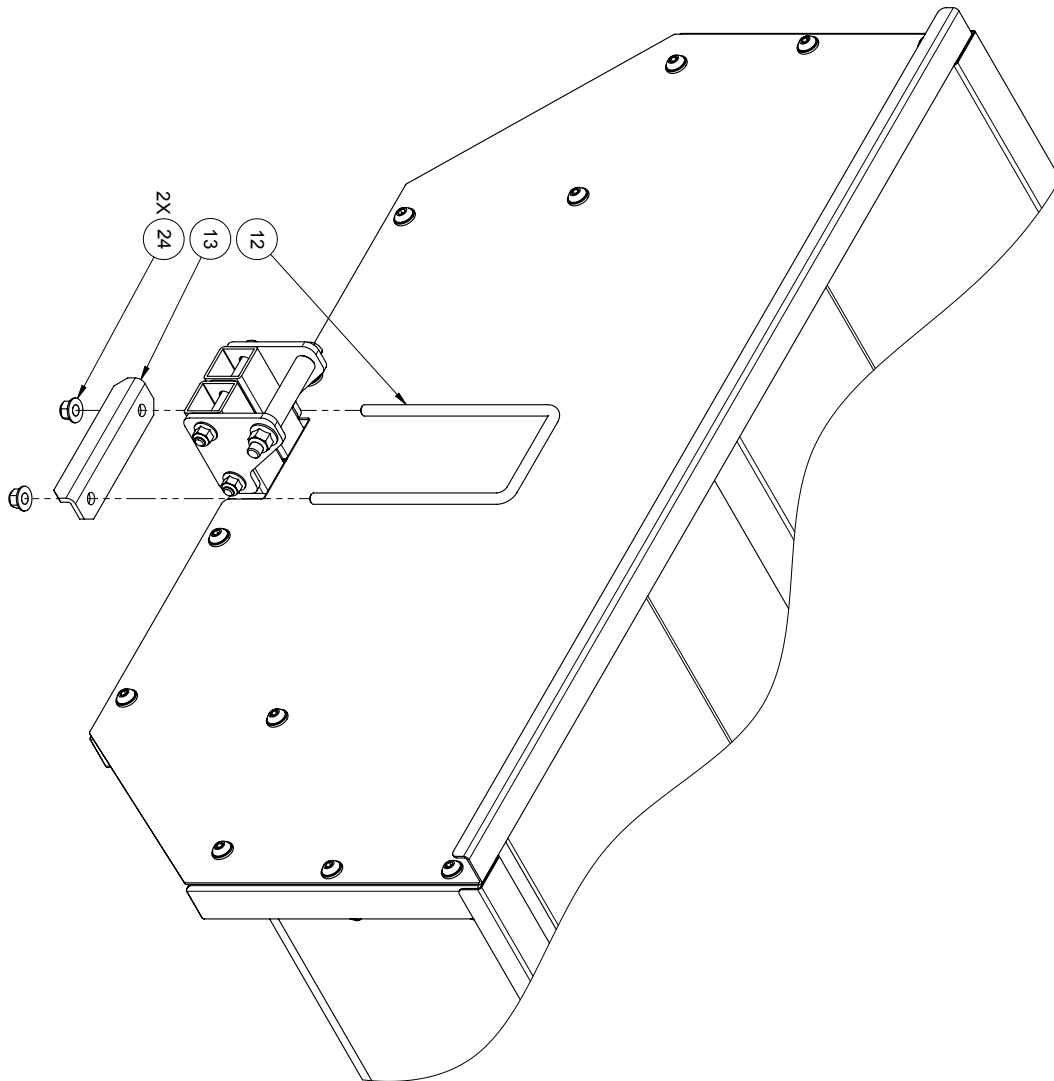


## TAILGATE





## LOCK-DOWN CLAMP





NOTES

Lined area for notes, consisting of 25 horizontal lines.



Lined area for notes or additional information, consisting of 25 horizontal lines.

This page intentionally left blank.



**DISCOVER THE WOODLAND™**