

# TX-9116PS



## **Suggested Tools:**

**(3) Saw Horses**

**Standard Screwdriver**

**Phillips Screwdriver**

**Ratchet with 13/16", 9/16", 3/4" Sockets**

**Torque Wrench**

**7/16", 9/16", 3/4" Open End Wrench**

**Pliers**

**Wire Cutters**

**Square**

**Measuring Tape**

**Electrical Tape**

**Spray Lubricant**

**Utility Knife**

**(4) Wheel Chocks**

## **ASSEMBLY REQUIREMENTS**

**Torque all T-bolt nuts to 35-40 foot pounds.**

**Check all lights before towing.**

**Tire pressure not to exceed recommendation on serial tag.**

**Re-torque wheel nuts after first 25 miles to 80 ft pounds and periodically thereafter.**

**Failure to follow the assembly instructions could result in serious injury or death.**

**Incorrect assembly or modifications to your trailer will void any specific or implied warranty.**

**For questions or assistance assembling your trailer call 800-282-5042.**

# UNPACK AND IDENTIFY THE FOLLOWING PARTS



**Tongue Section**



**Left Side Rail**



**Right Side Rail**



**(2) Front Diagonals**



**Front Crossmember**



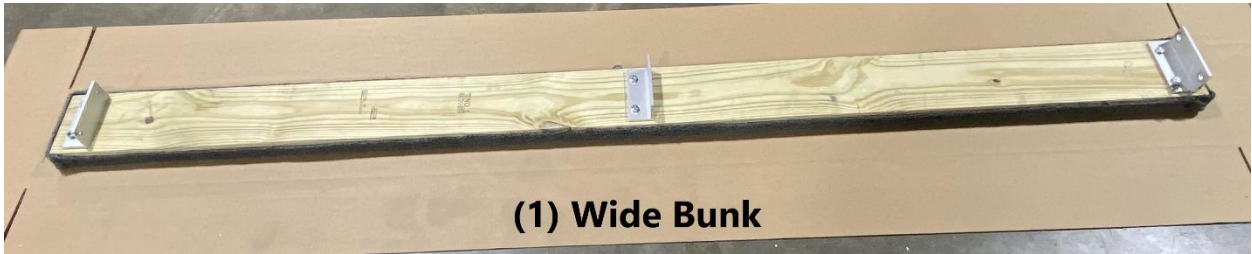
**Middle Crossmember**



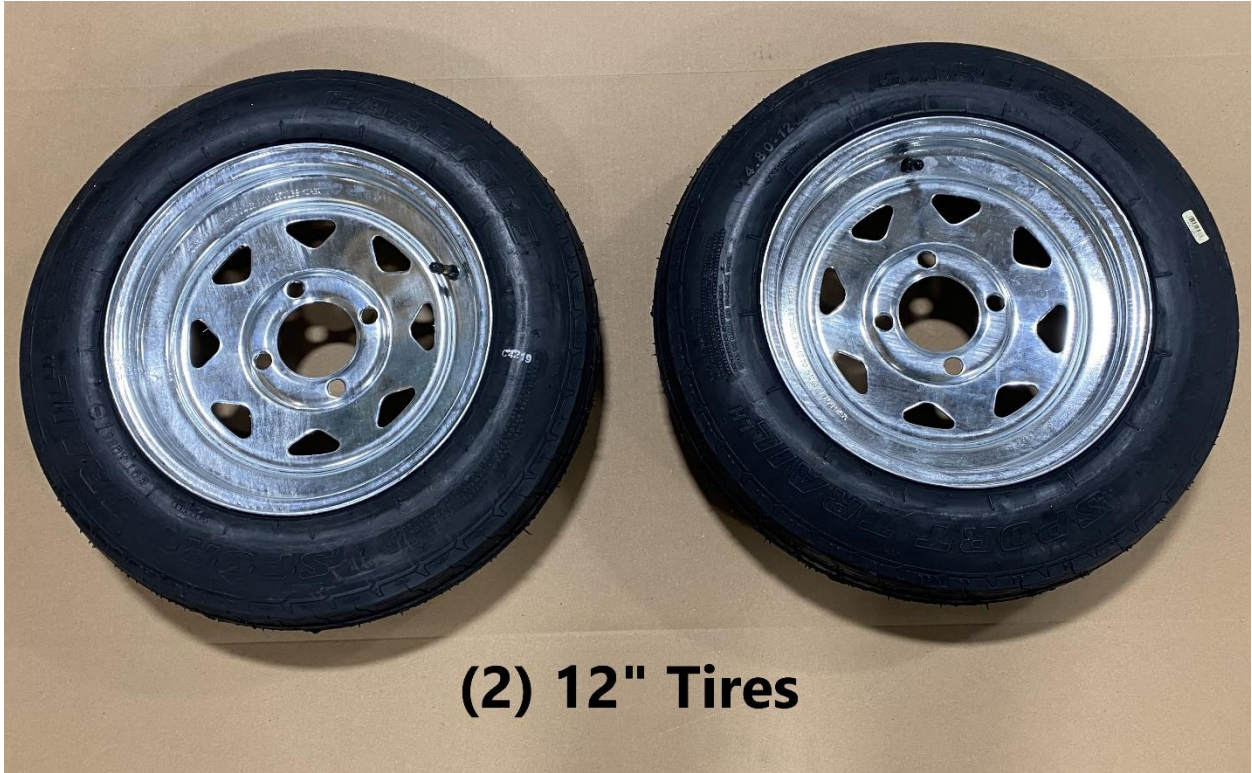
**Rear Crossmember**



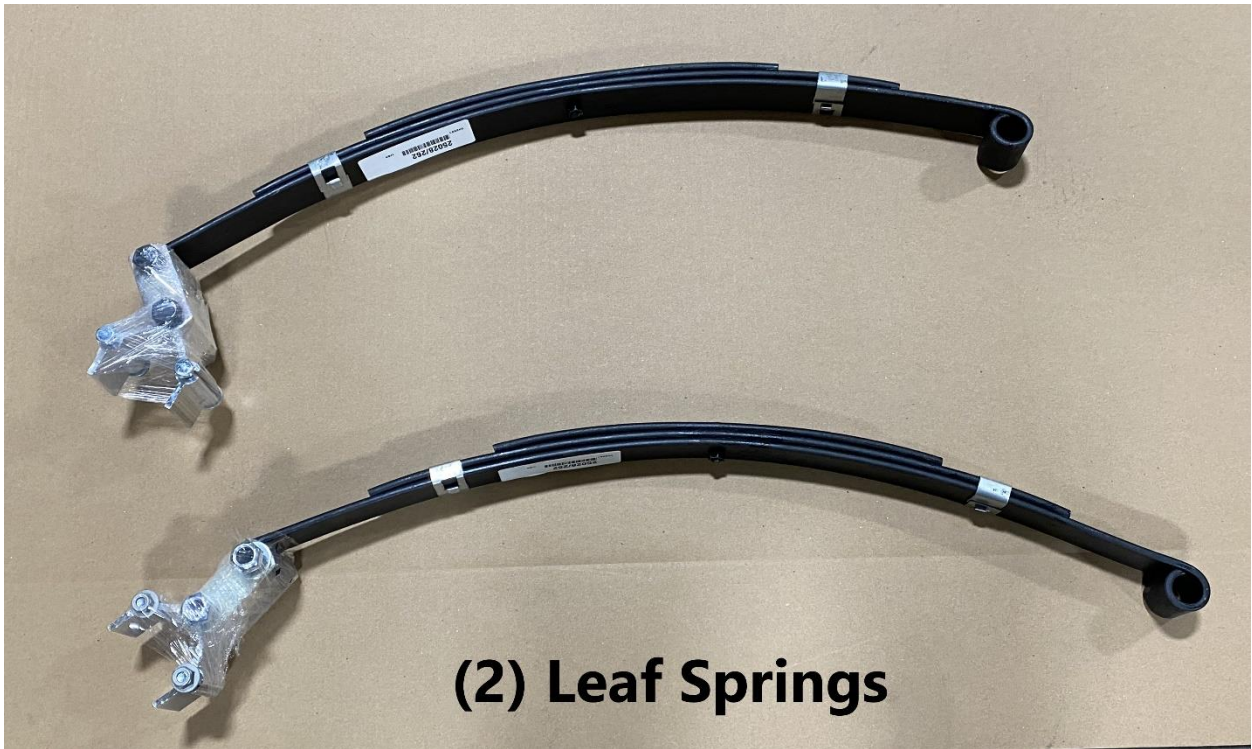
**(4) Long Bunks**



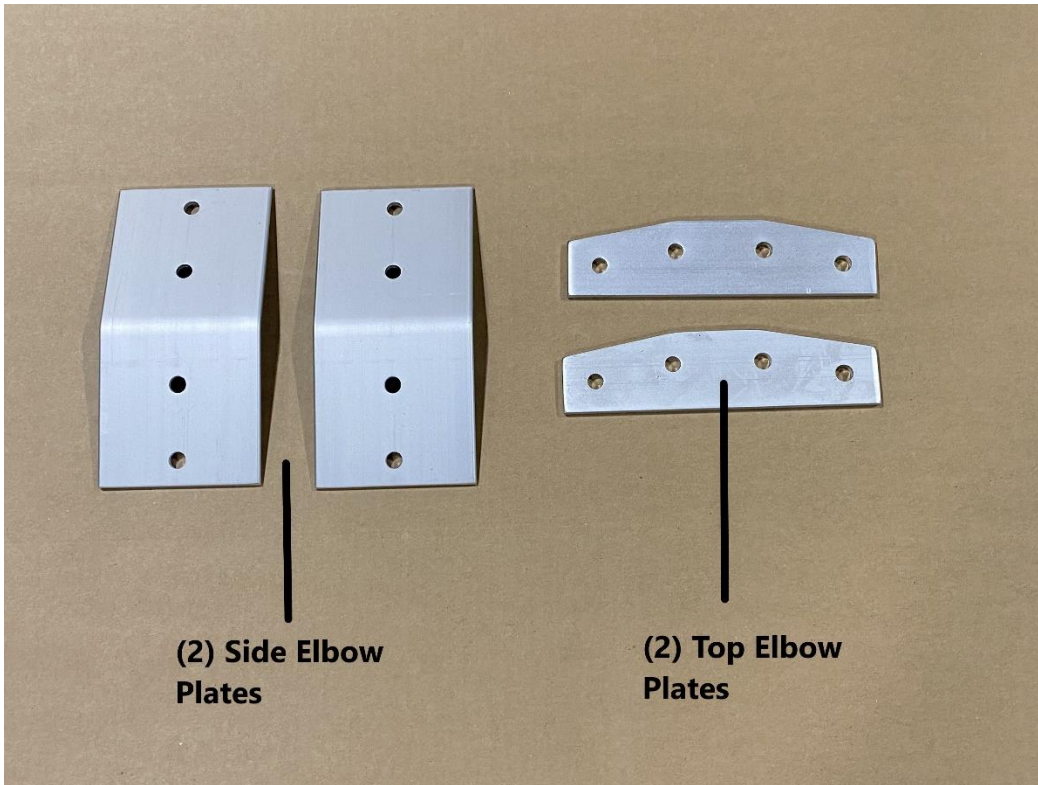
**(1) Wide Bunk**



**(2) 12" Tires**



**(2) Leaf Springs**

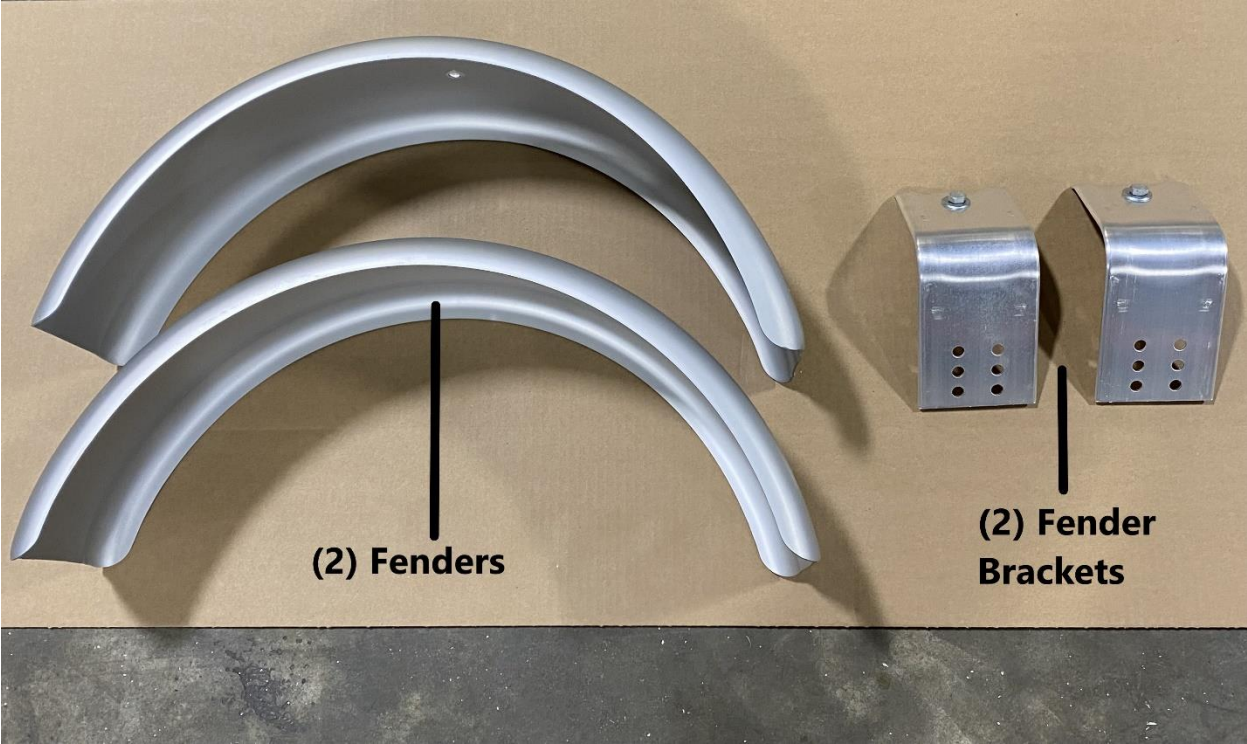


**(2) Side Elbow  
Plates**

**(2) Top Elbow  
Plates**

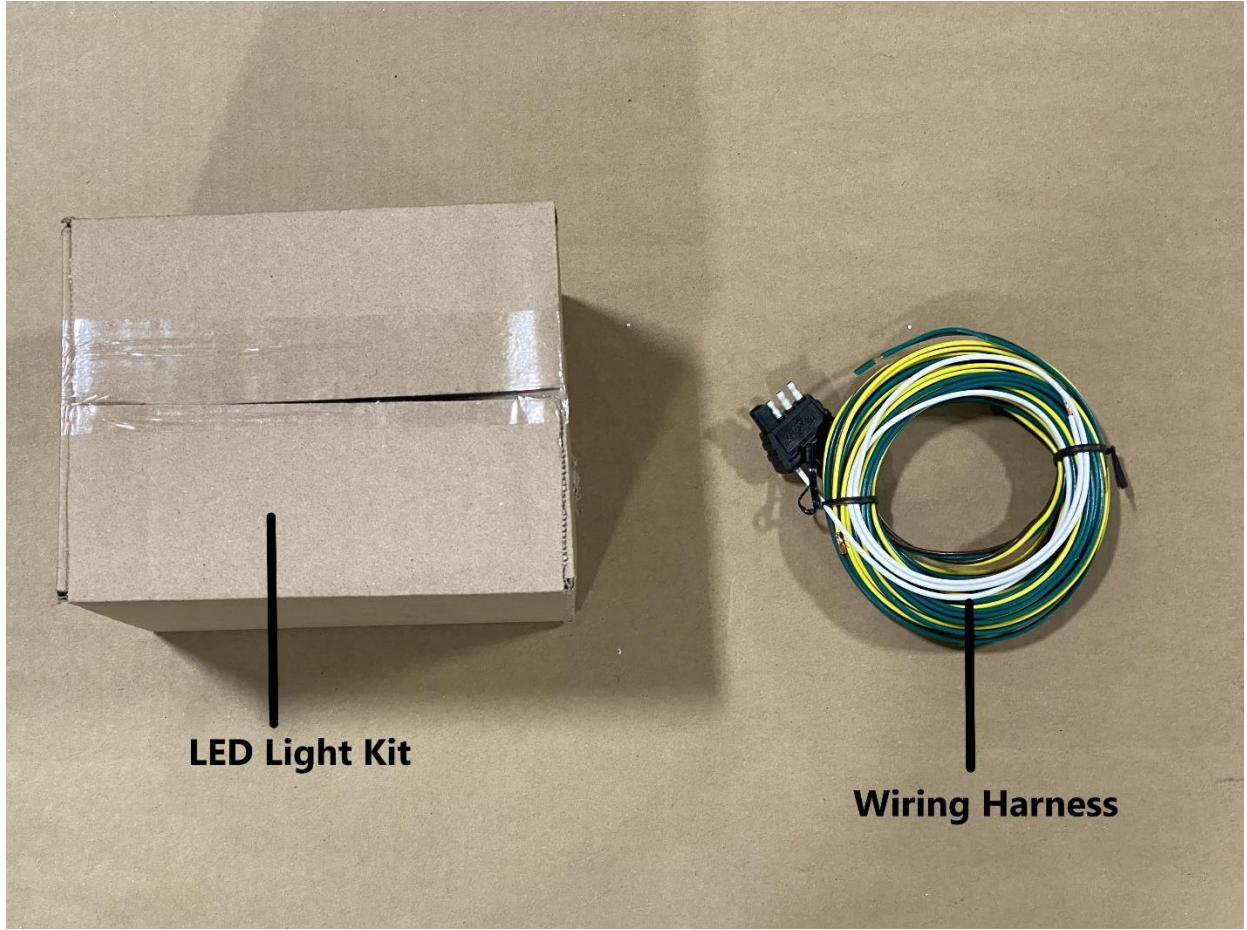


**(2) Tail Light Brackets**



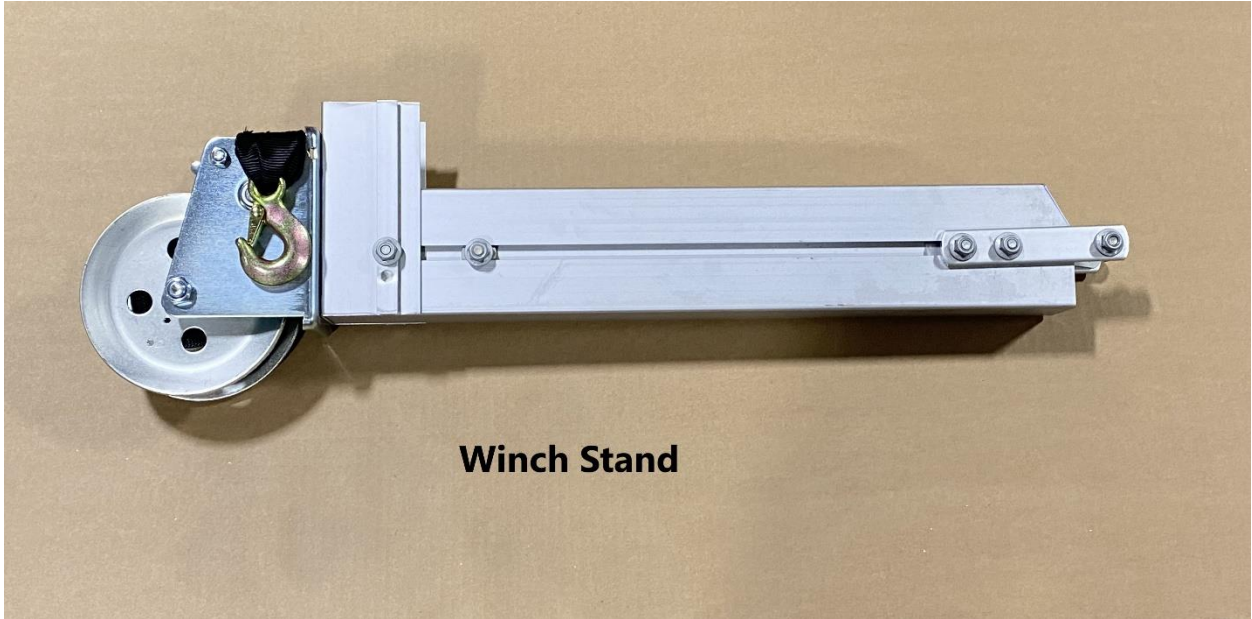
**(2) Fenders**

**(2) Fender Brackets**

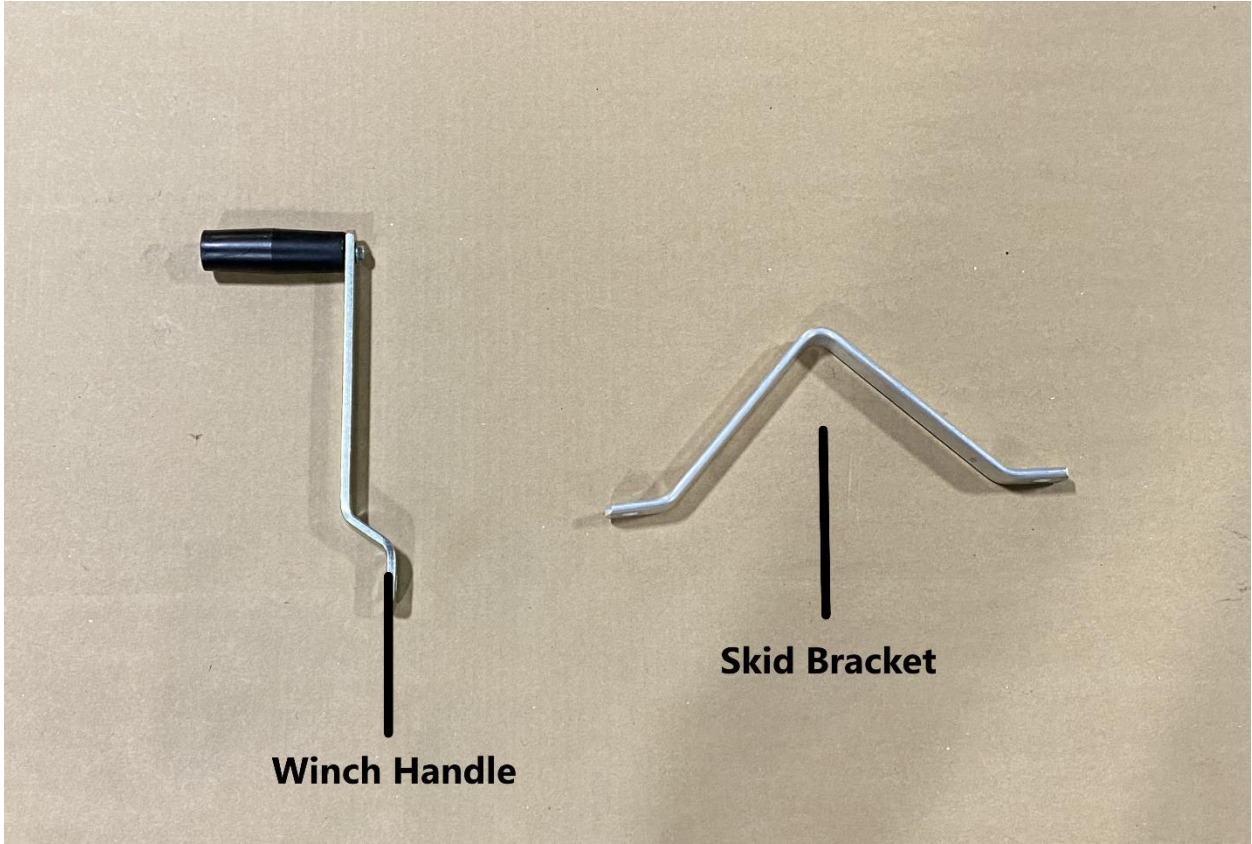


**LED Light Kit**

**Wiring Harness**



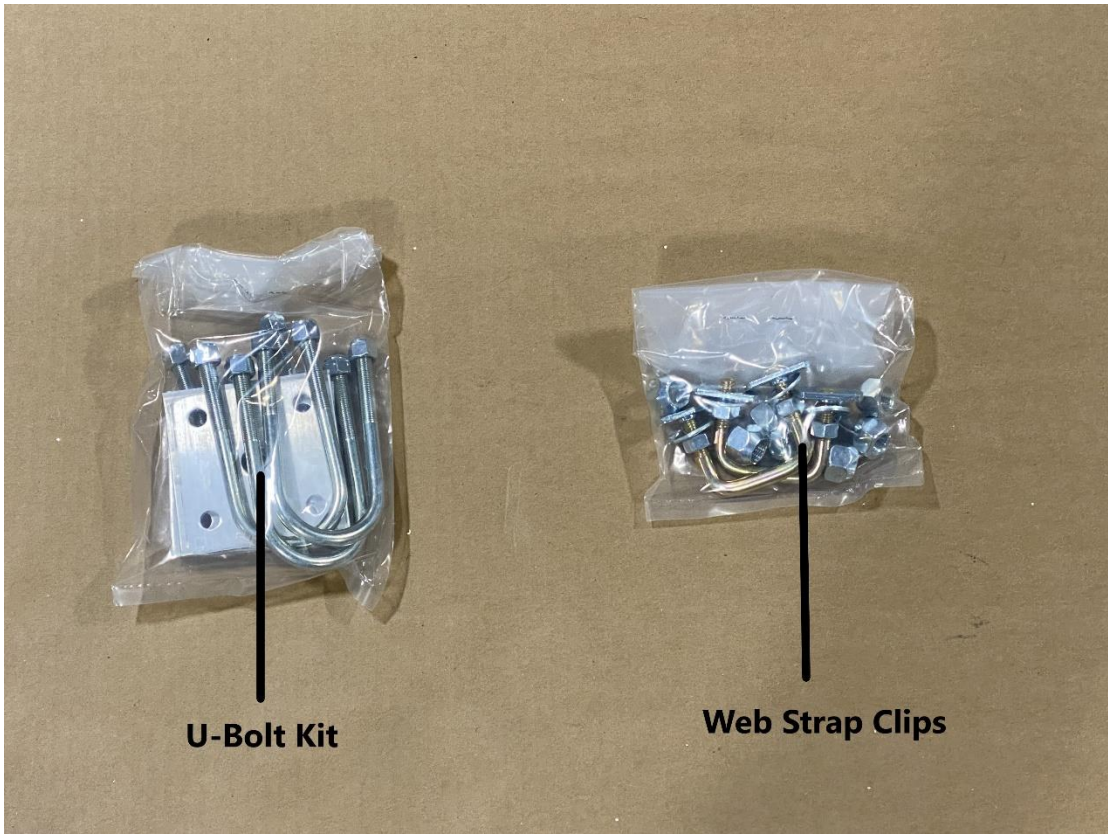
**Winch Stand**



**Winch Handle**

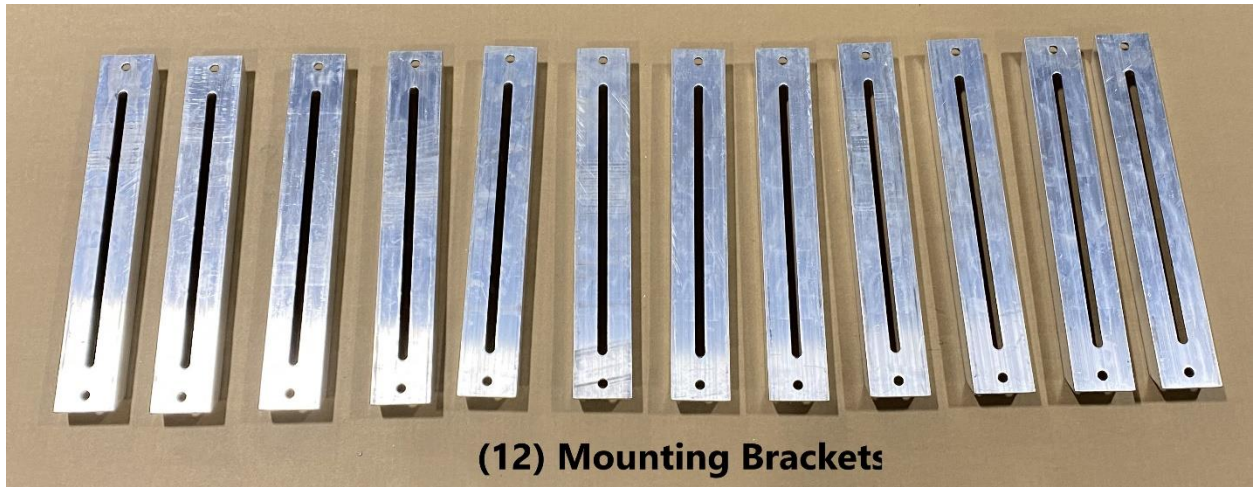
**Skid Bracket**



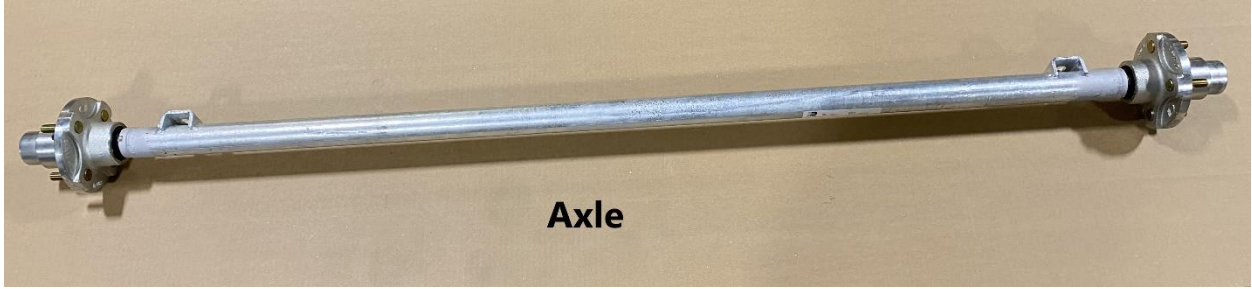


**U-Bolt Kit**

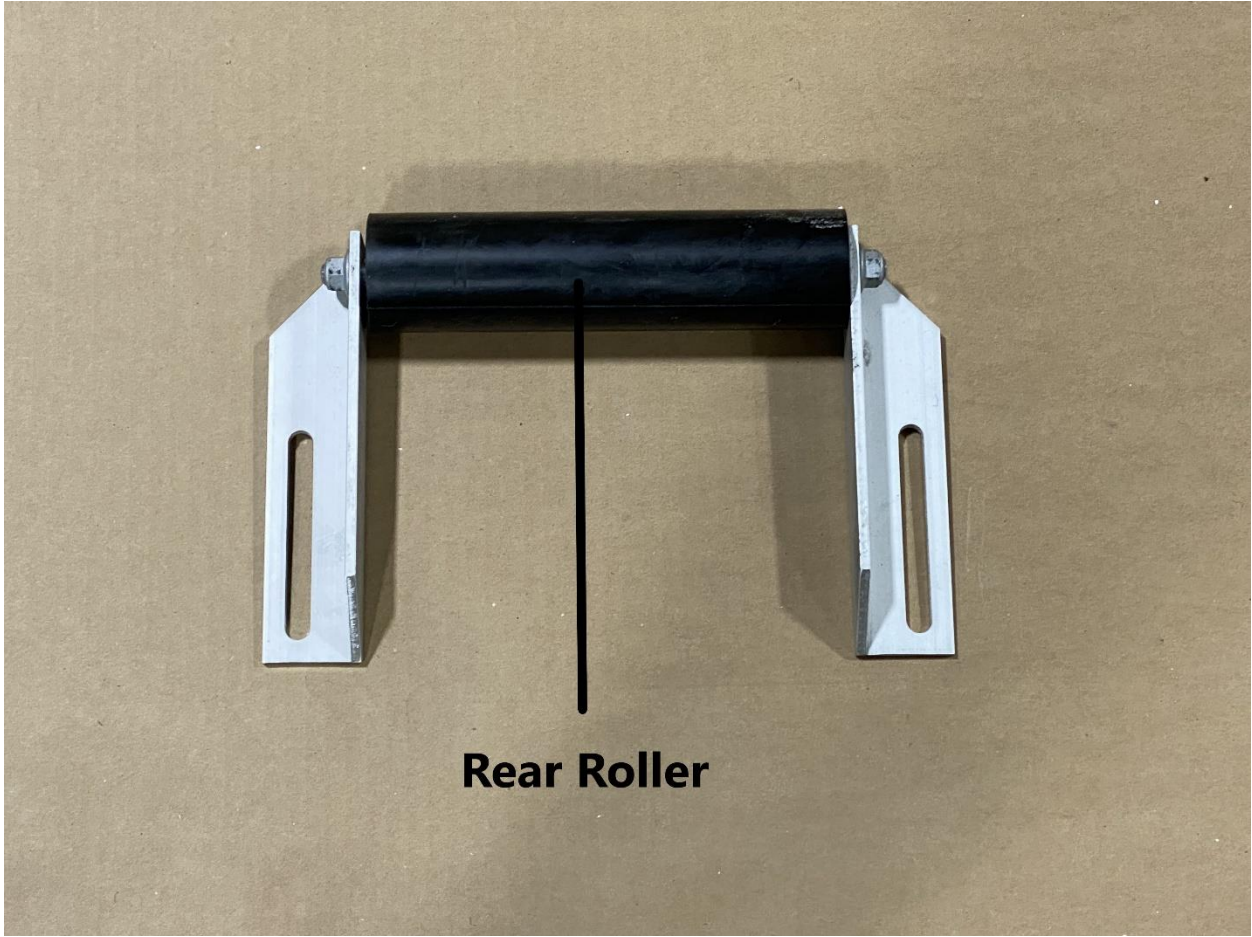
**Web Strap Clips**



**(12) Mounting Brackets**



**Axle**



**Rear Roller**



**Bow Roll**



**Top  
Tongue Support**



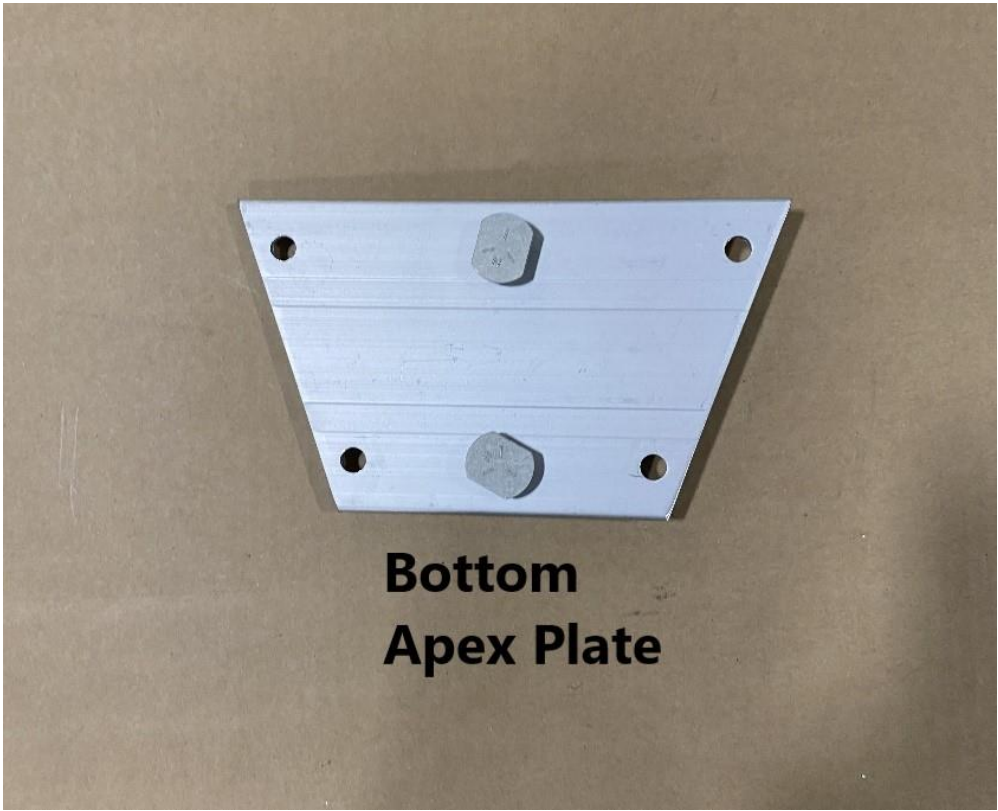
**Bottom  
Tongue Support**



**Hardware Bag**



**Top Apex Plate**

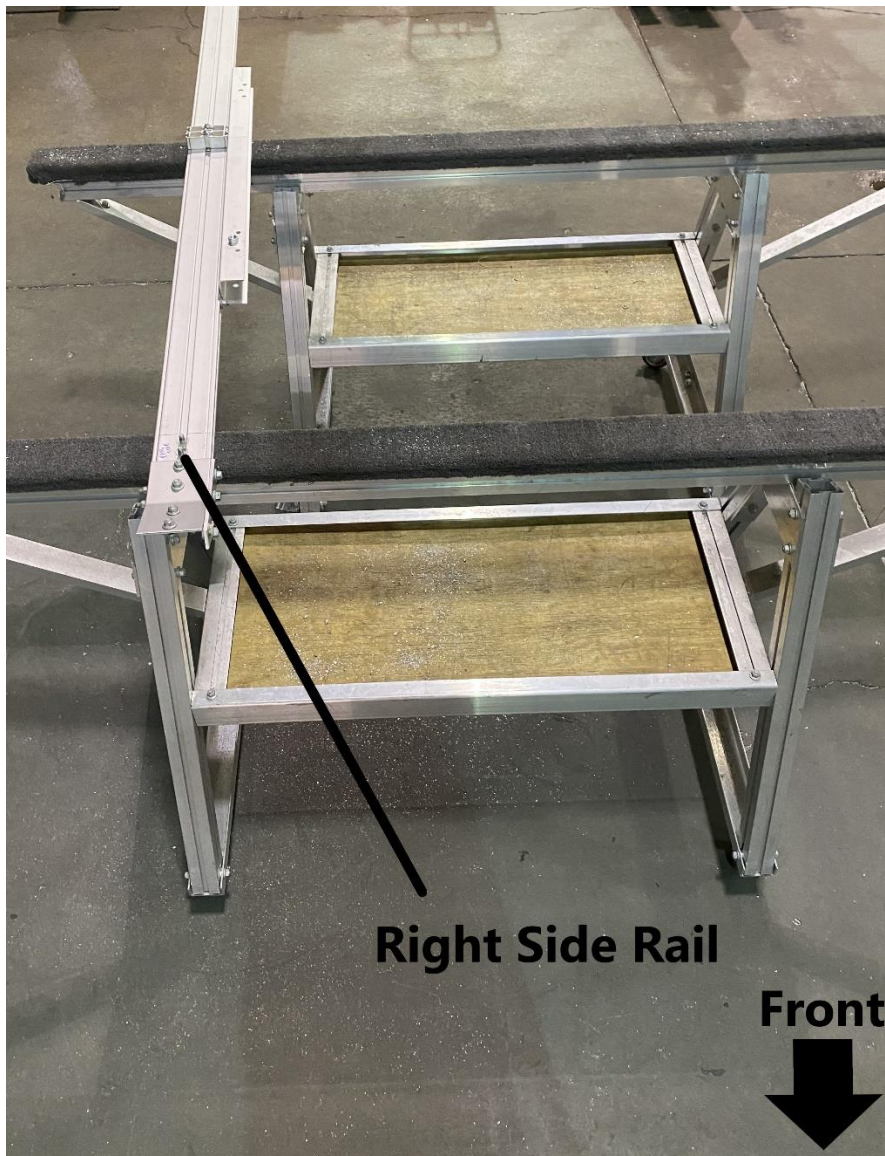


**Bottom  
Apex Plate**

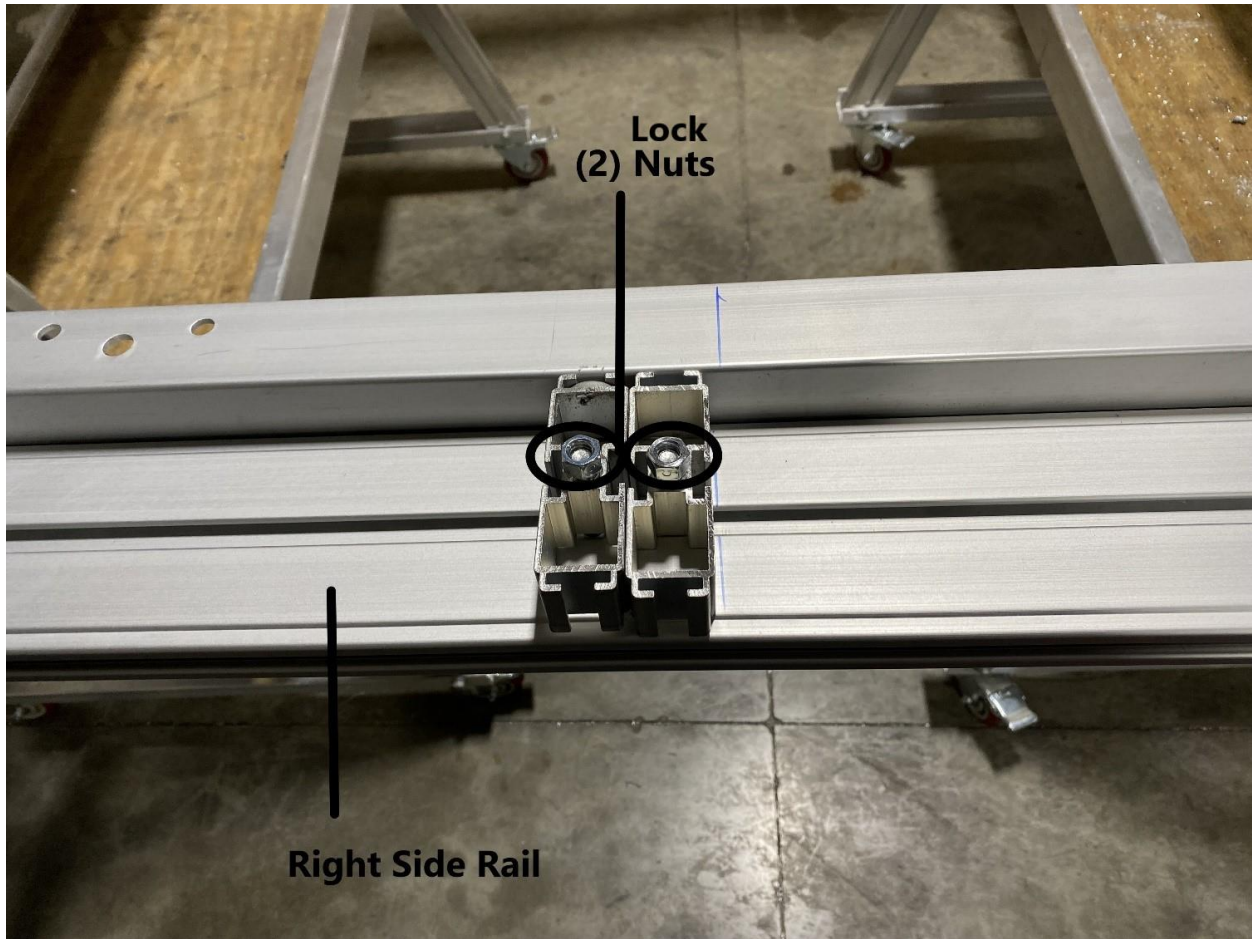
## Assembly - Frame



Locate the right side rail. The right side rail will be marked "pass side".



Place the right side rail on (2) saw horses as shown.

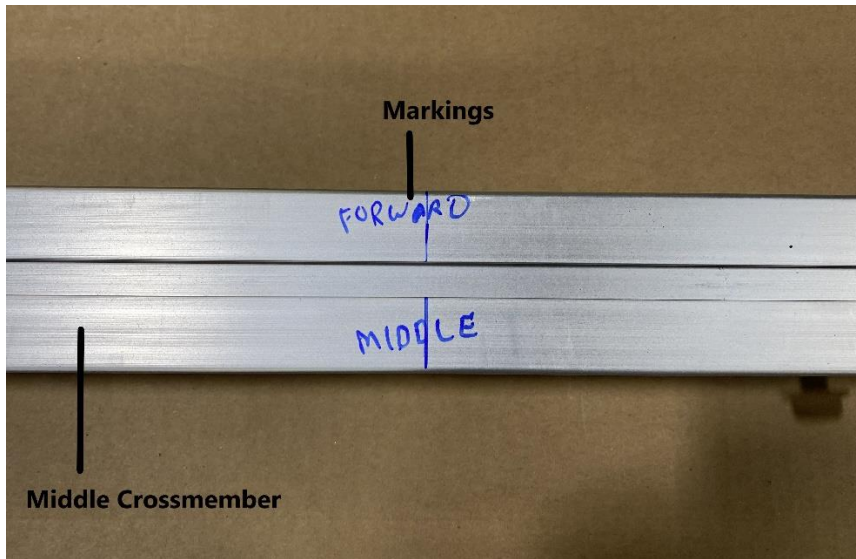


Remove the (2) locknuts on the right side rail using a 9/16" wrench.

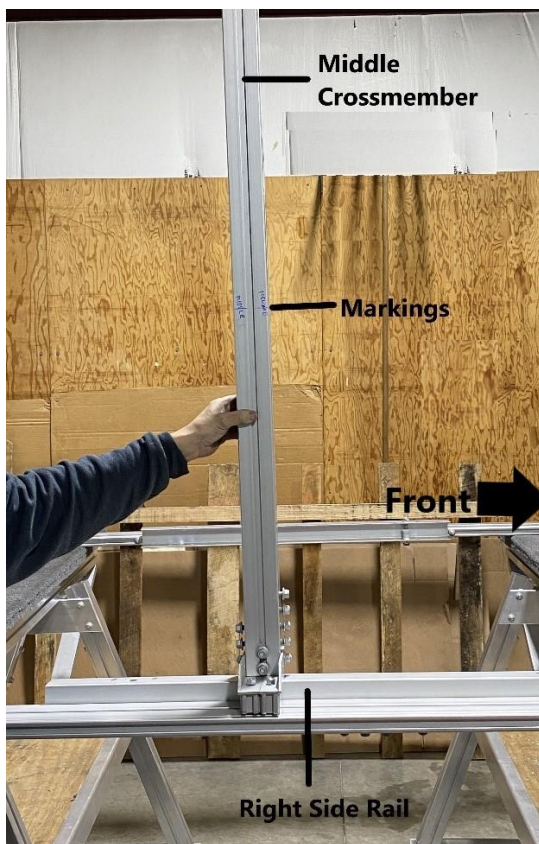


**Middle Crossmember**

Locate the middle crossmember. The middle crossmember will be marked "middle".



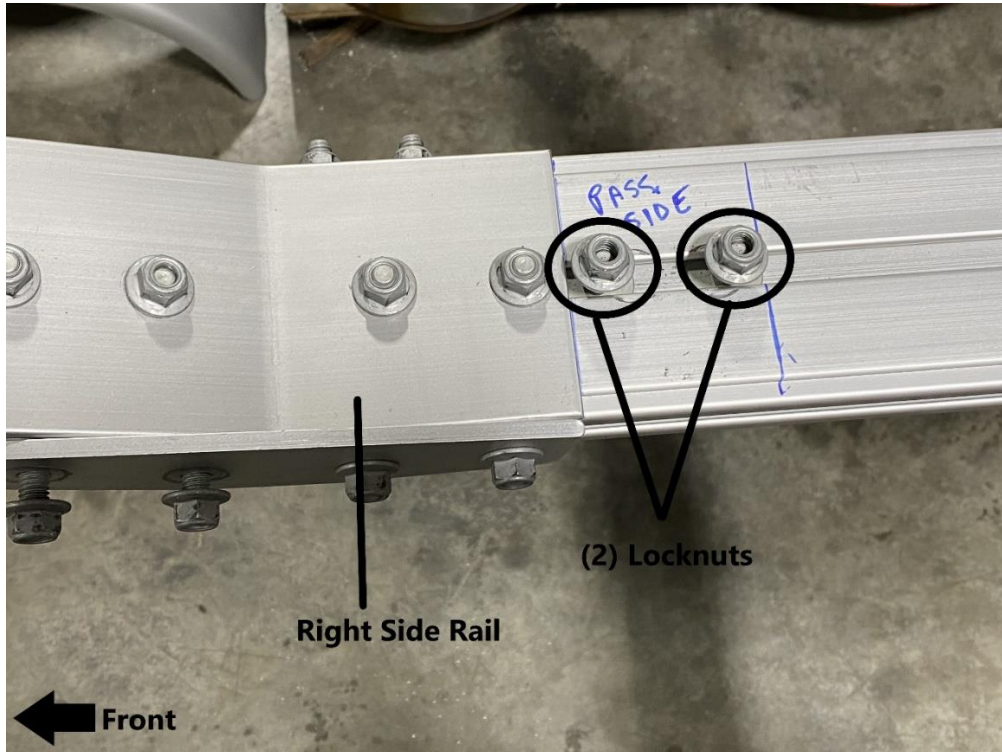
Note the marking “forward” on the middle crossmember. The “forward” side of the middle crossmember will be facing toward the front of the trailer.



Install the middle crossmember to the right side rail as shown, making sure that the forward side of the middle crossmember is facing the front of the trailer. Replace the (2) locknuts that were removed from the right side rail and tighten using a 9/16” wrench.



Place the middle crossmember on the saw horse.

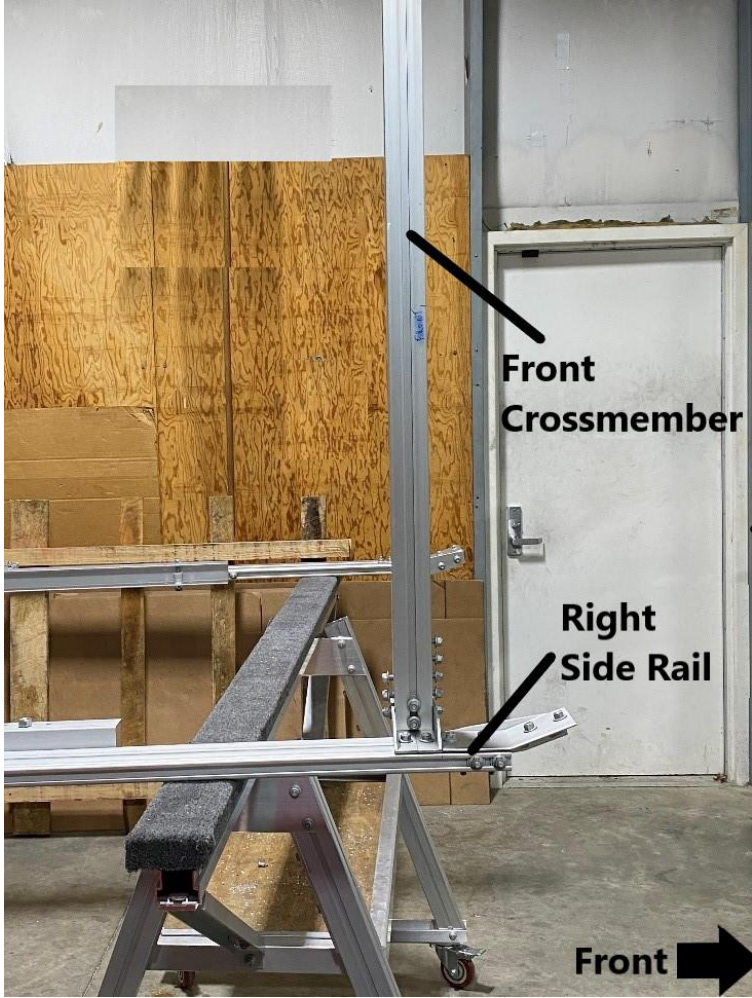


Remove (2) locknuts from the right side rail as shown. These T-Bolts will be used to install the front crossmember.

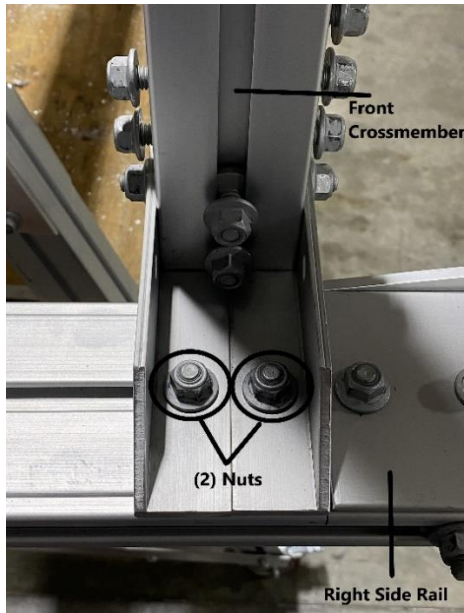




Locate the front crossmember. The front crossmember will be marked “front”.



Install the front crossmember to right side rail as shown, making sure that the “forward” marking is facing towards the front of the trailer.



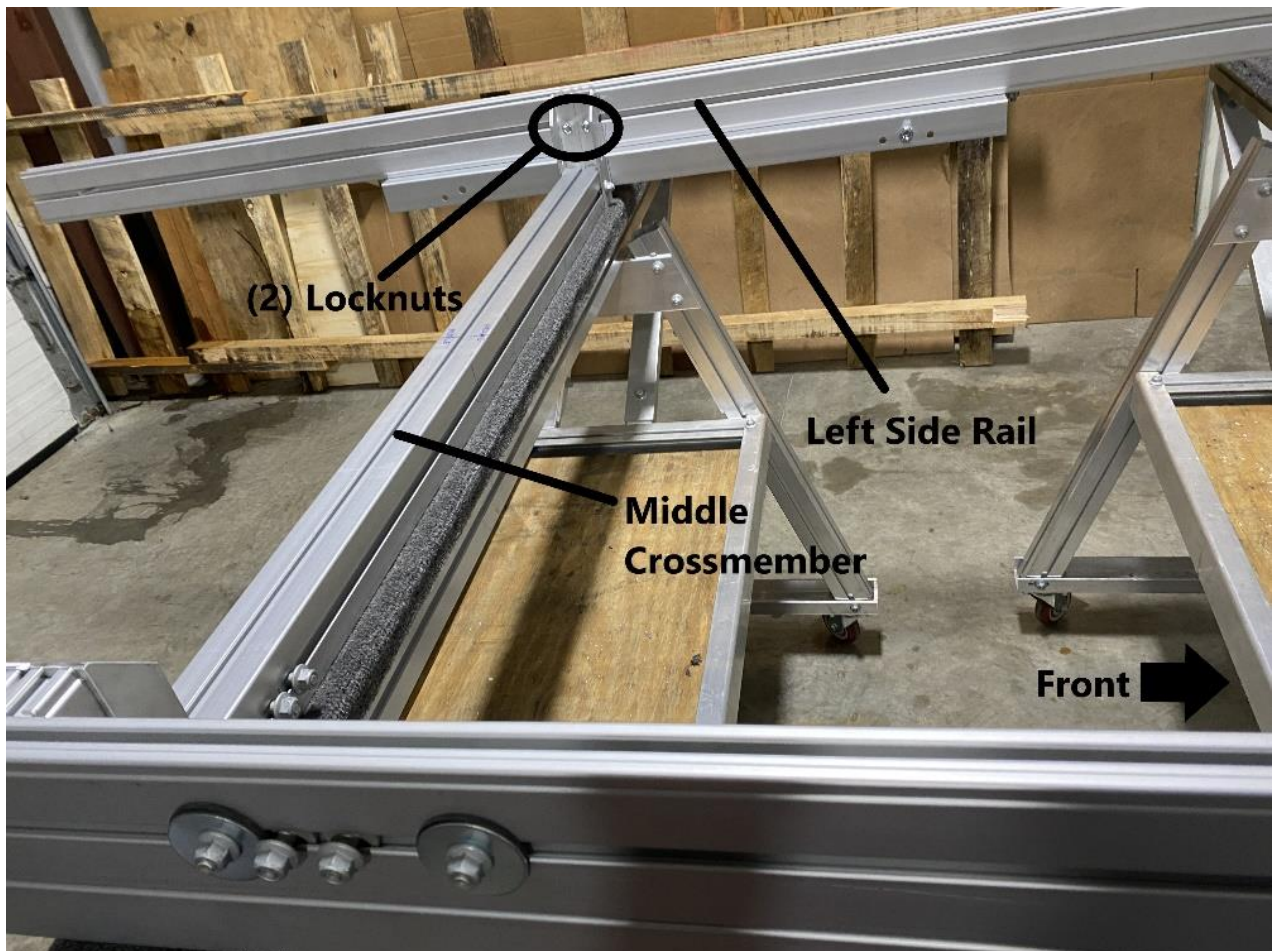
Replace the (2) locknuts and tighten using a 9/16" wrench.



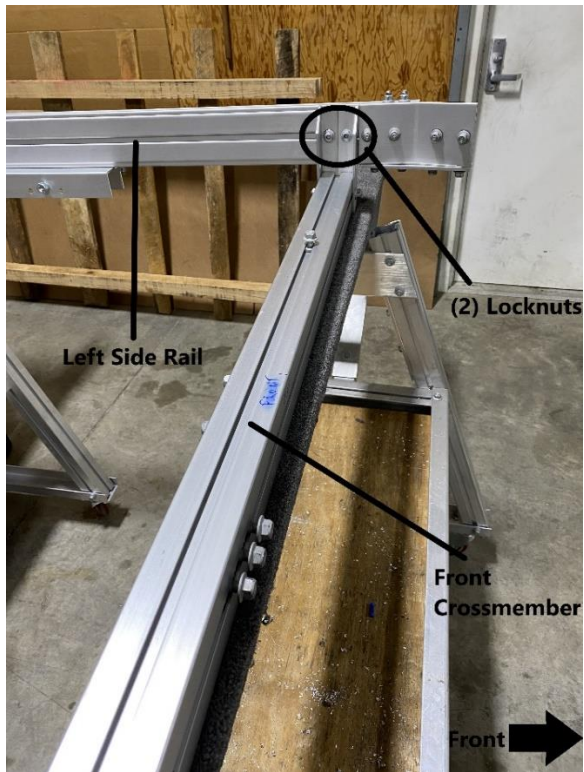
Place the front crossmember on a saw horse. At this point the trailer looks like this.



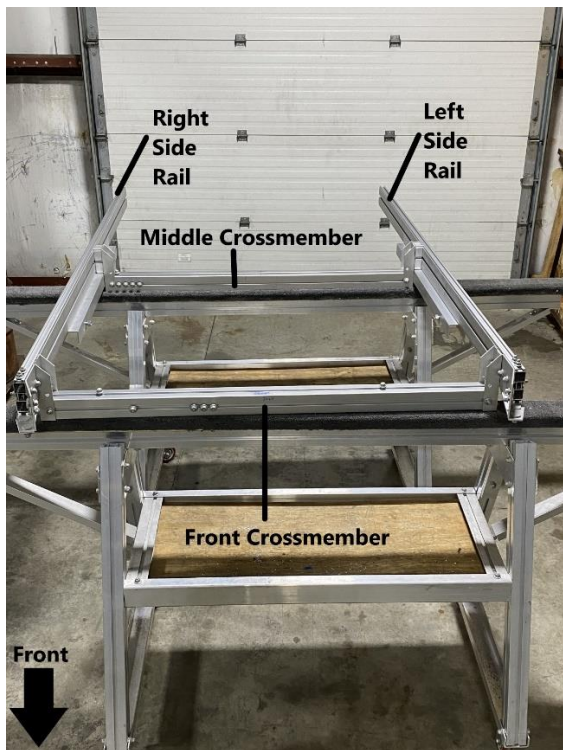
Locate the left side rail. The left side will have a vehicle identification sticker.



Remove the (2) locknuts from the left side rail and install the left side rail to the middle crossmember as shown. Replace the (2) locknuts and tighten using a 9/16" wrench. Note that the vehicle identification sticker will be facing towards the outside of the trailer.



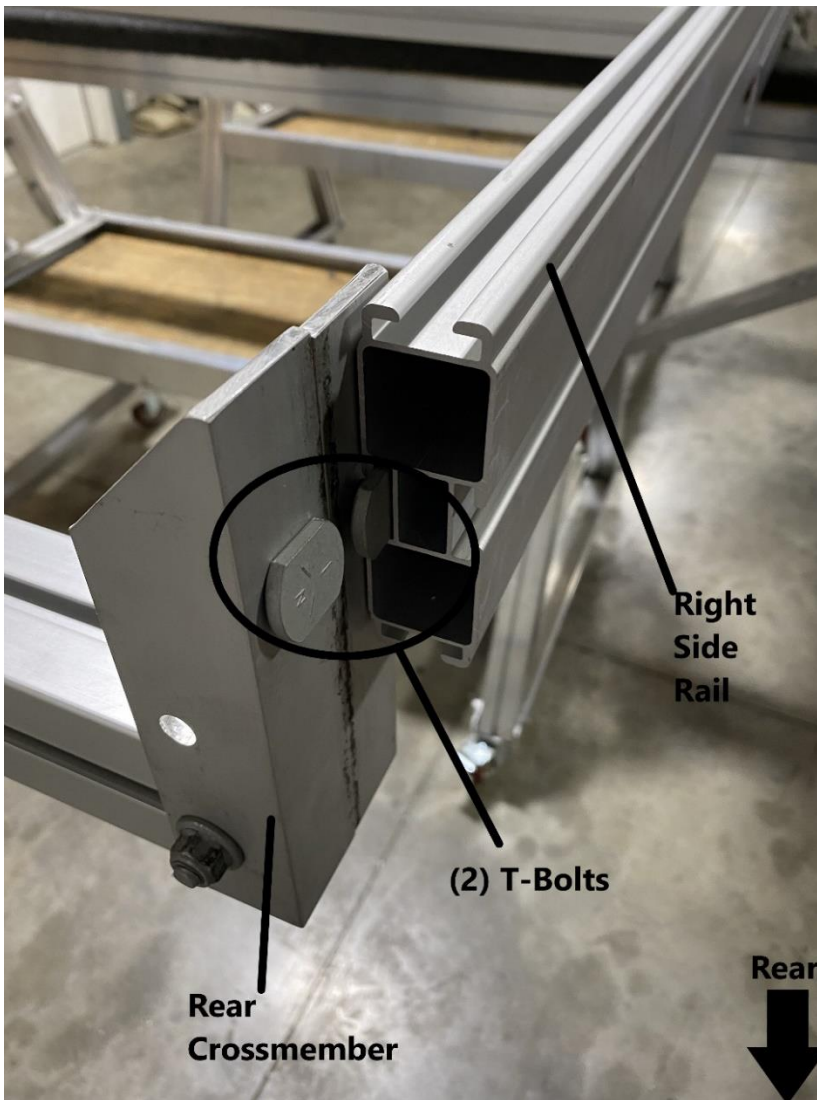
Remove the (2) locknuts from the left side rail and install the left side rail to the front crossmember as shown. Replace the (2) locknuts and tighten using a 9/16" wrench.



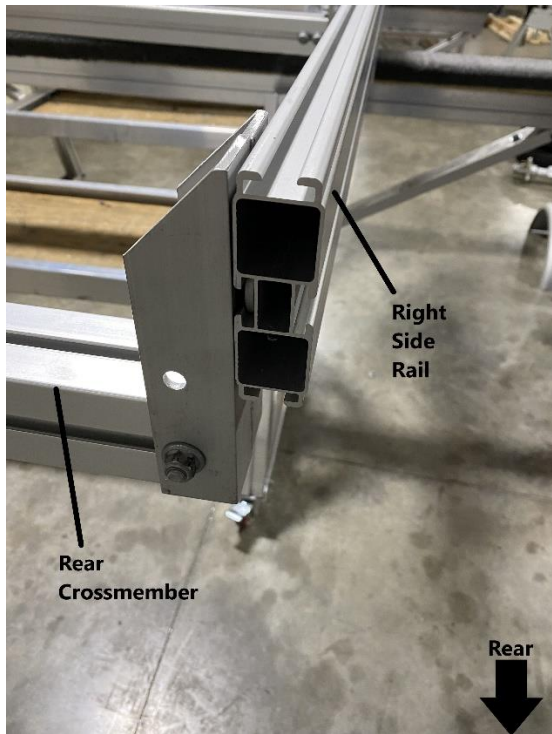
At this point the trailer looks like this.



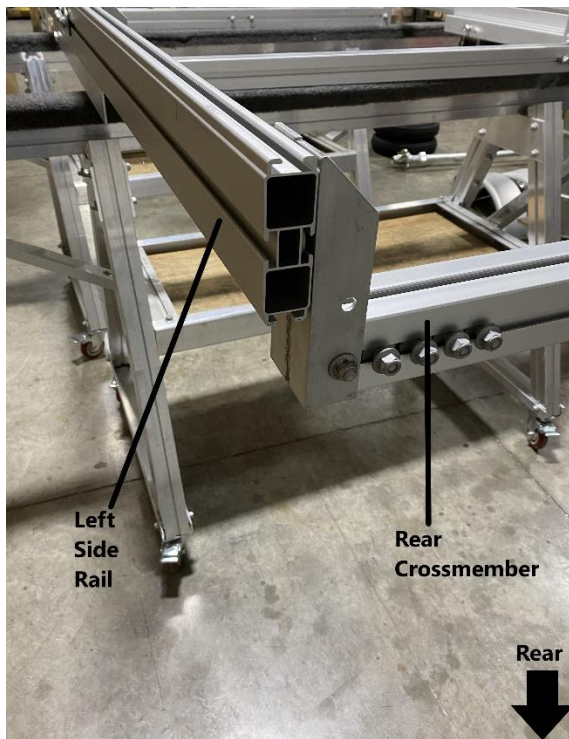
Locate the rear crossmember. This crossmember will be marked "rear".



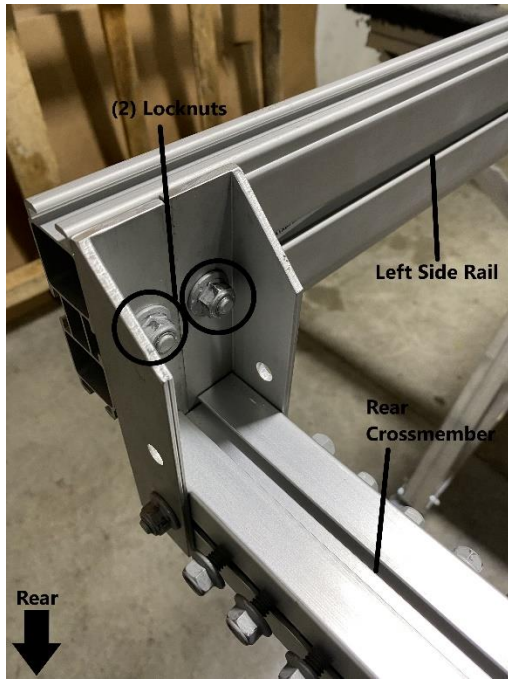
Slide the (2) T-Bolts of the rear crossmember into the middle groove of the right side rail as shown.



Continue sliding the (2) T-Bolts into the groove of the right side rail until the rear crossmember is flush with the right side rail.



Repeat this process to install the left side rail to the rear crossmember.



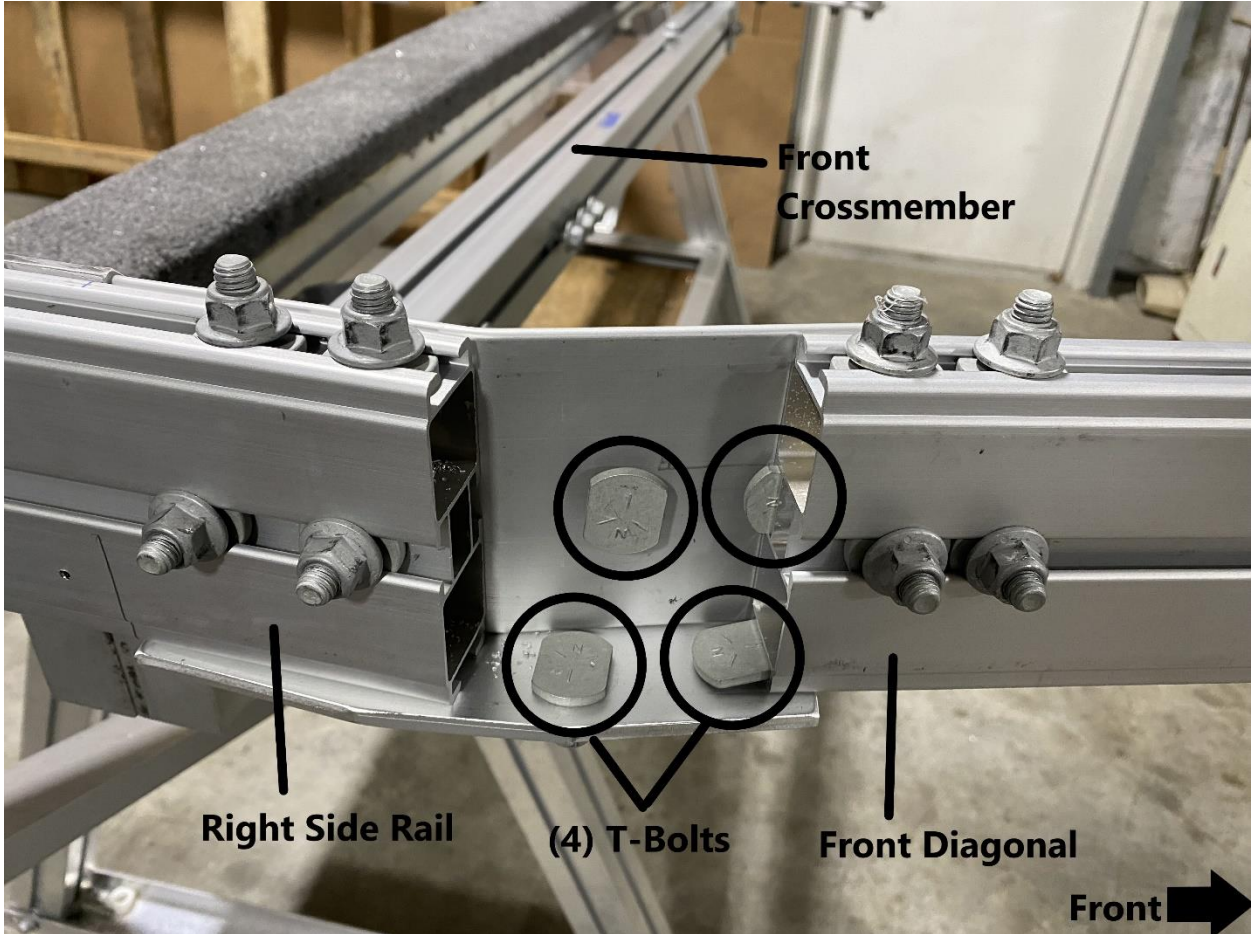
**Tighten the (2) locknuts on the rear crossmember using a 9/16" wrench. Repeat this process for the other side.**



**At this point the trailer looks like this.**

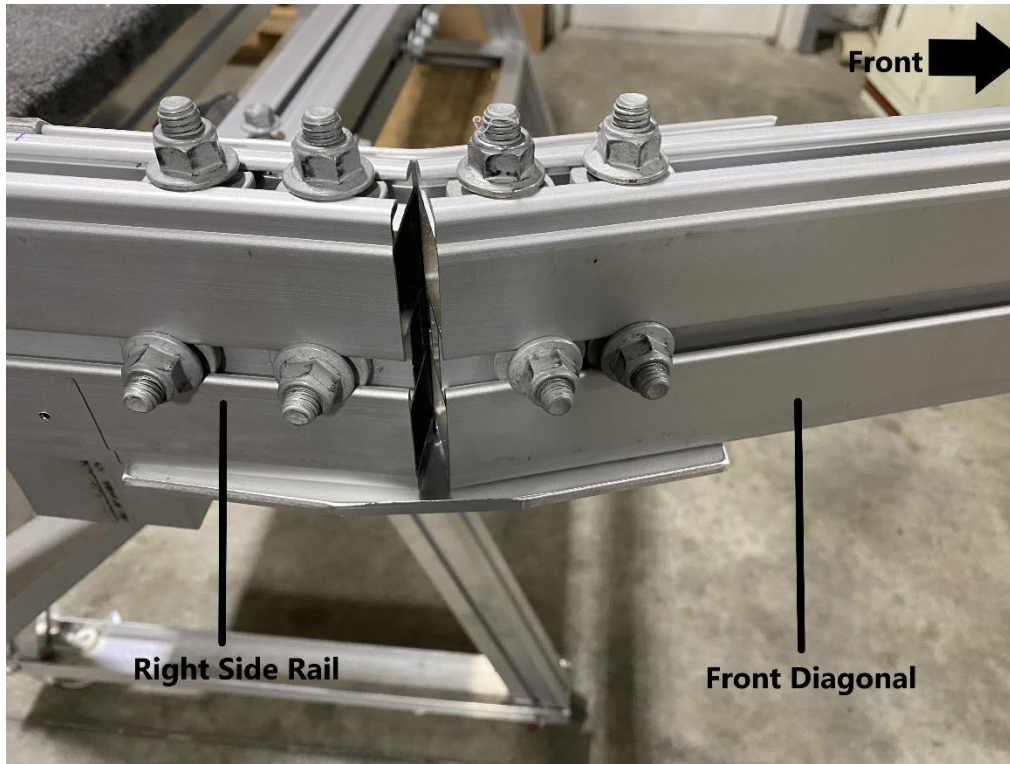


Locate the (2) front diagonals. The front diagonals will be marked “top” and “inside”. This will show which side is facing upward and which side will be facing the inside of the trailer.

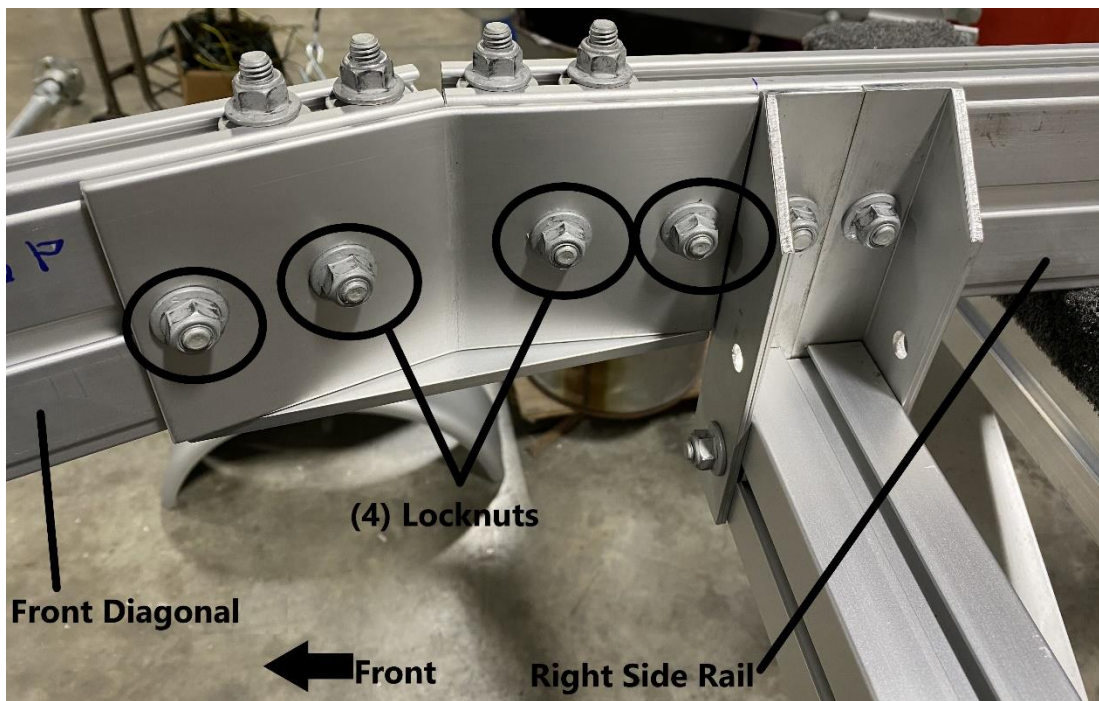


A third saw horse will be needed for the front diagonals. Slide the (4) T-Bolts of the right side rail into the middle and bottom grooves of the front diagonal. Make sure the front diagonal is installed correctly using the markings “top” and “inside”.





Continue sliding the front diagonal as shown.



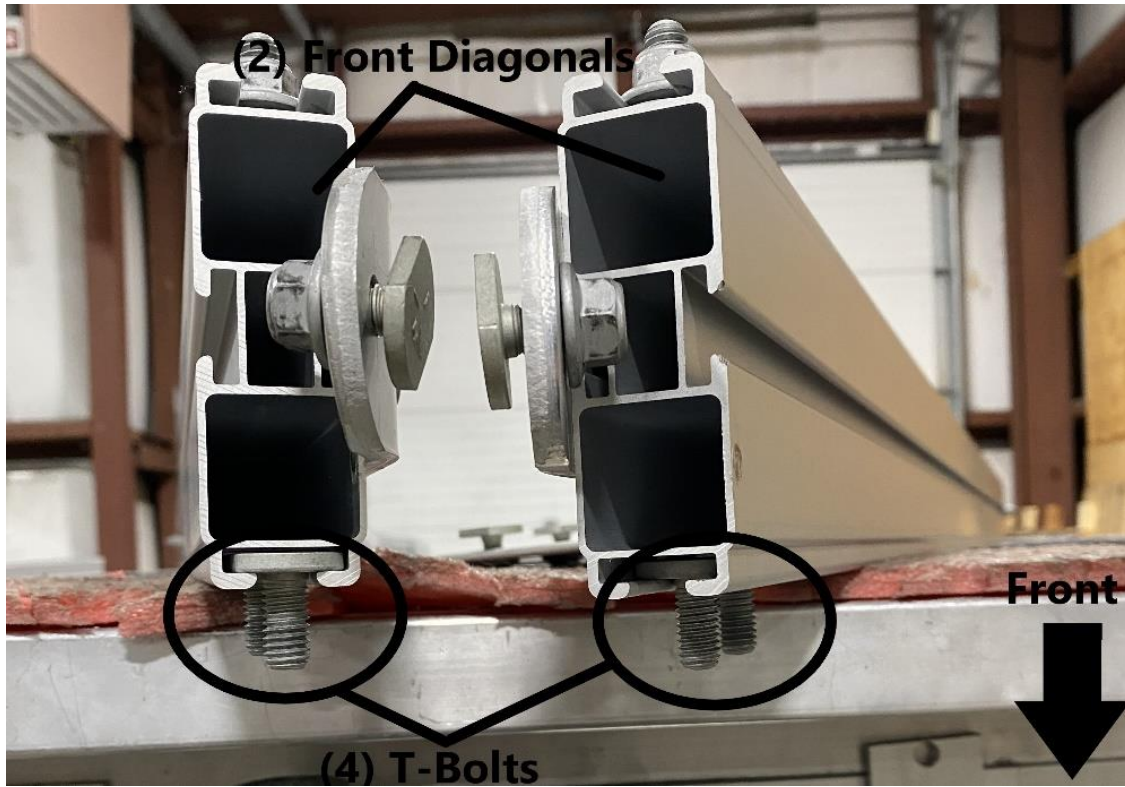
Tighten the (4) locknuts using a 9/16" wrench.



**Repeat the process to install a second front diagonal. At this point the trailer will look like this.**



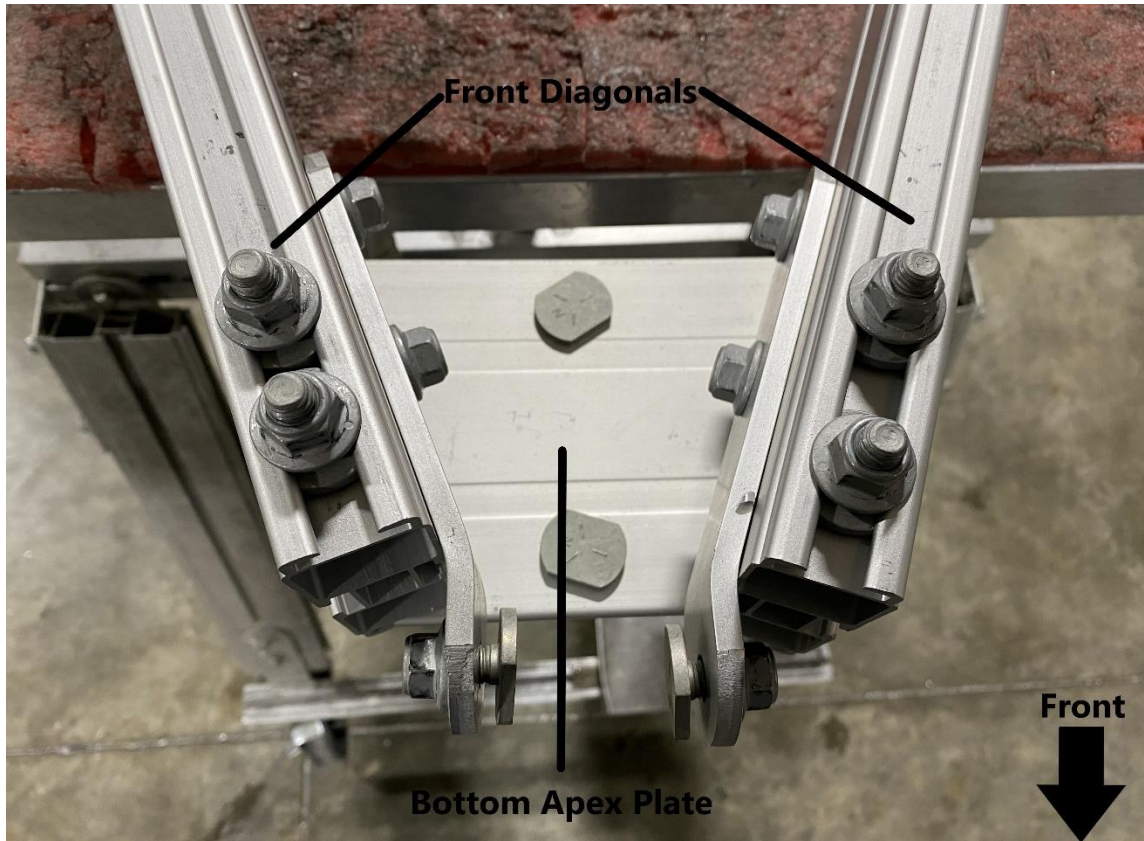
**Locate (4) T-Bolts and (4) locknuts found in the hardware bag.**



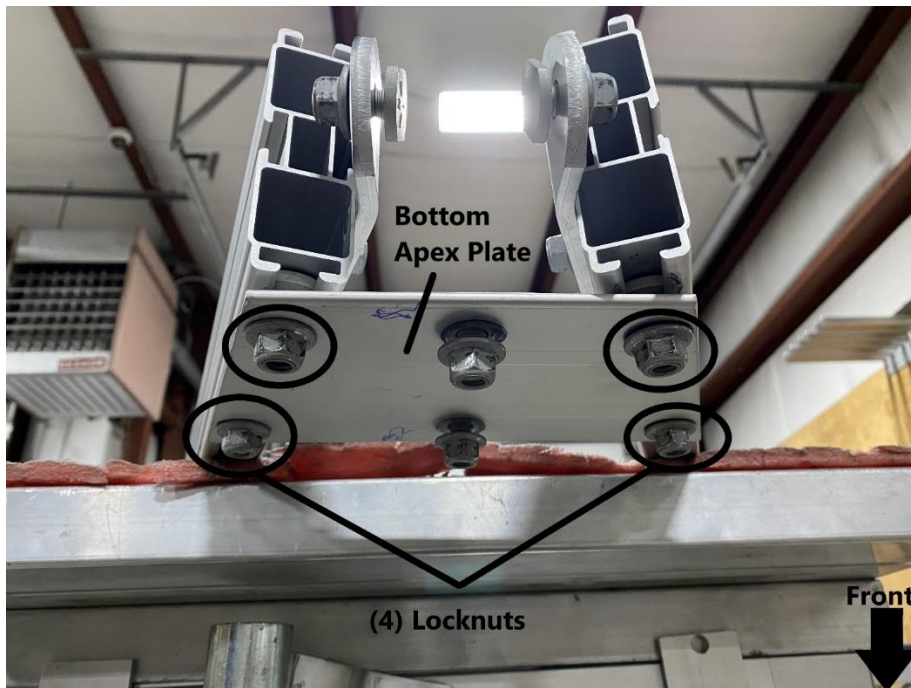
Insert (4) T-Bolts into the bottom grooves of the front diagonal as shown.



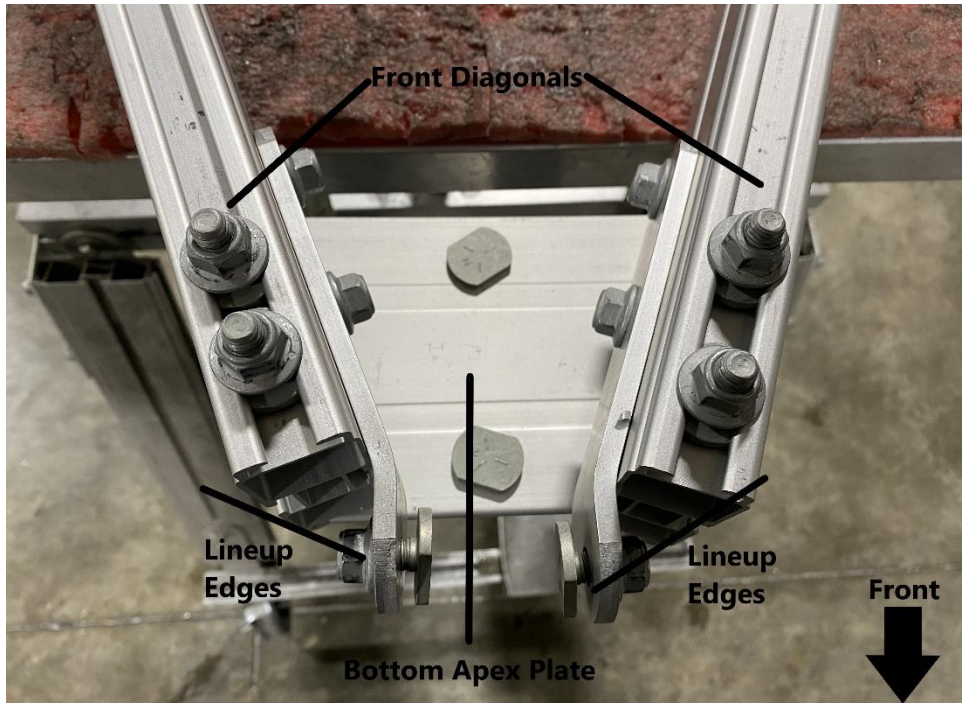
Locate the bottom apex plate.



Using the (4) T-bolts installed on the bottom grooves of the front diagonals, install the bottom apex plate as shown.



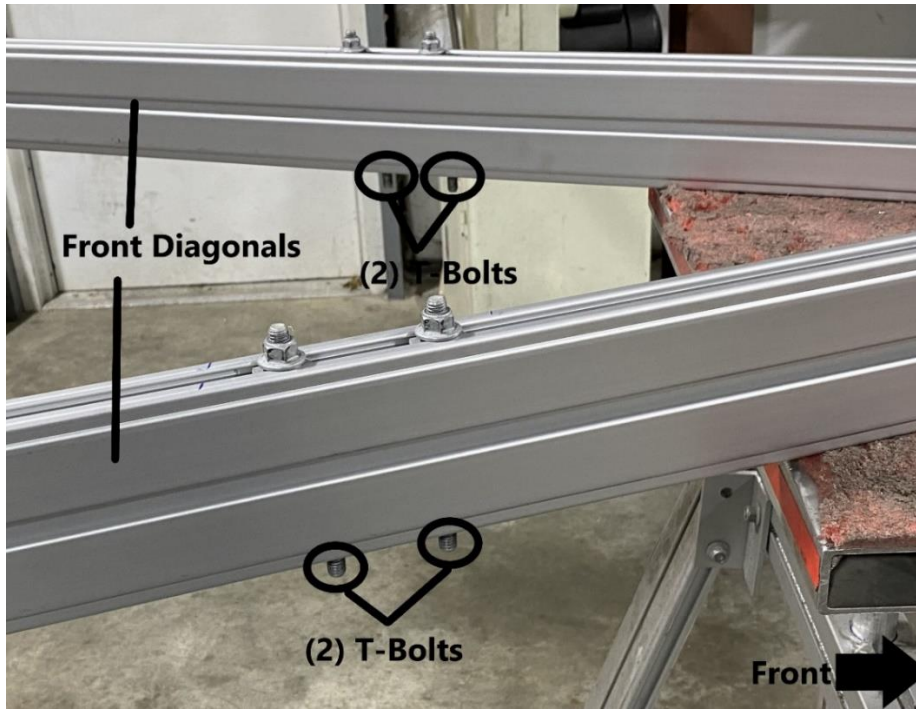
Loosely place (4) locknuts on the (4) t-bolts. Do not tighten yet.



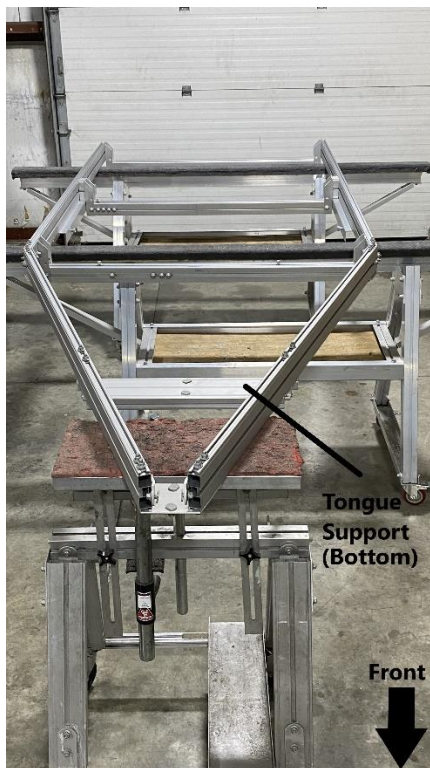
The edges of the bottom apex plate will now need to be lined up with the edges of the front diagonals. Once the edges are lined up, tighten the (4) locknuts with a 9/16" wrench.



Locate the bottom tongue support.



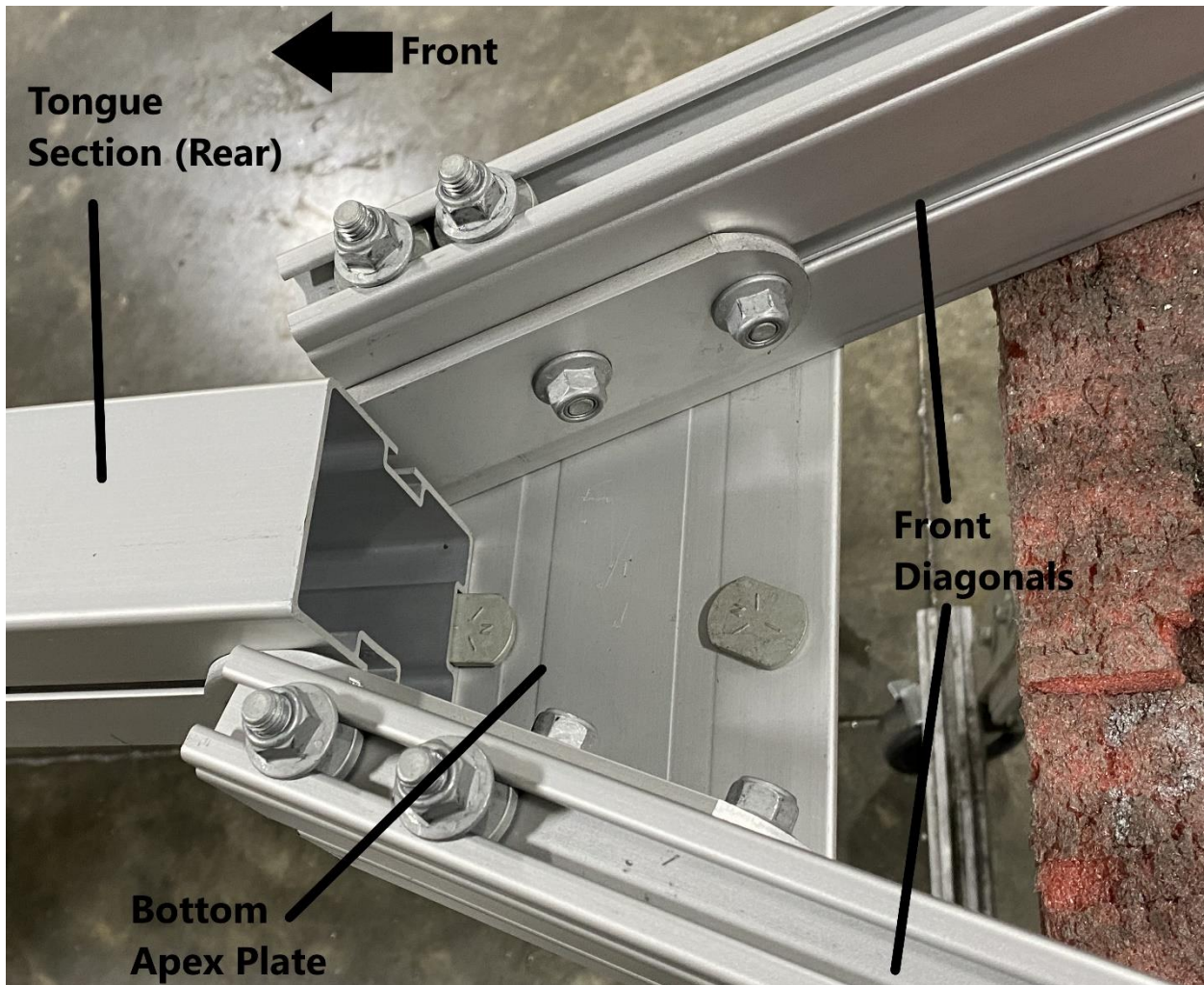
Locate the (4) T-Bolts installed on the bottom groove the front diagonals. Remove the locknuts using a 9/16" wrench.



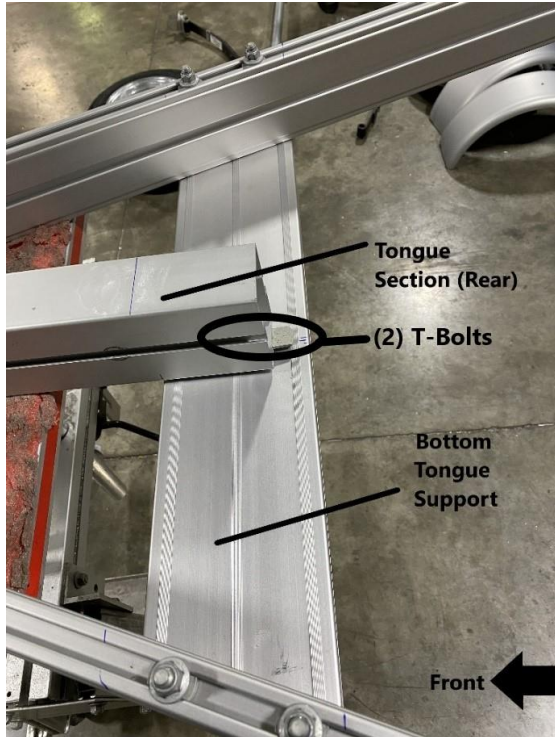
Install the bottom tongue support as shown. Replace (4) locknuts on the T-Bolts and tighten using a 9/16" wrench.



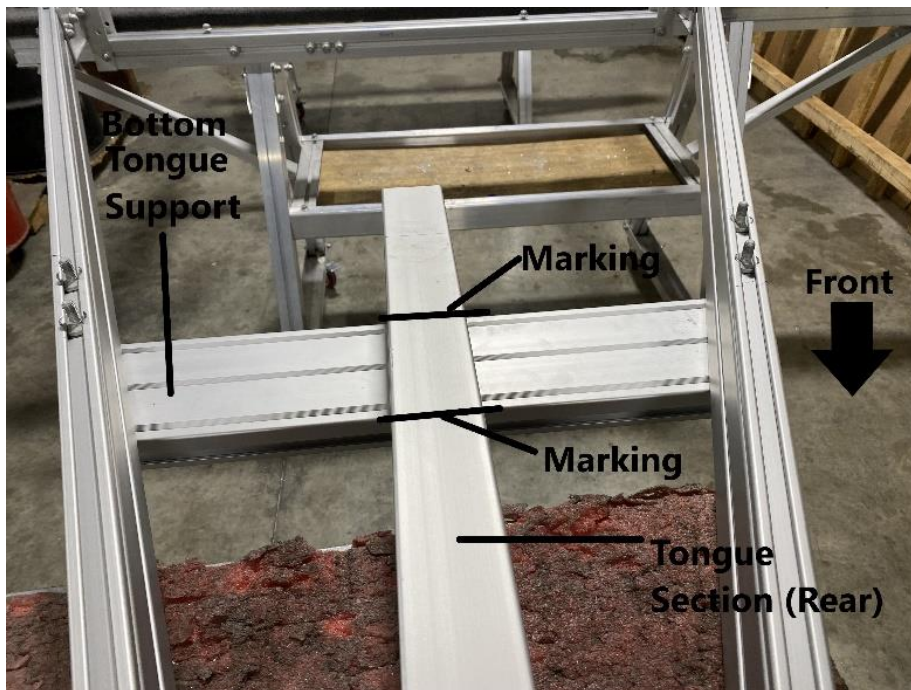
Locate the tongue section. Note the front and the rear ends.



Slide the rear end of the tongue section through the T-Bolts of the bottom apex plate. Note that the coupler on the front of the tongue section should be on the top and the safety cables should be on the bottom.



Continue sliding the rear tongue section through the (2) T-Bolts in the center of the bottom tongue support.

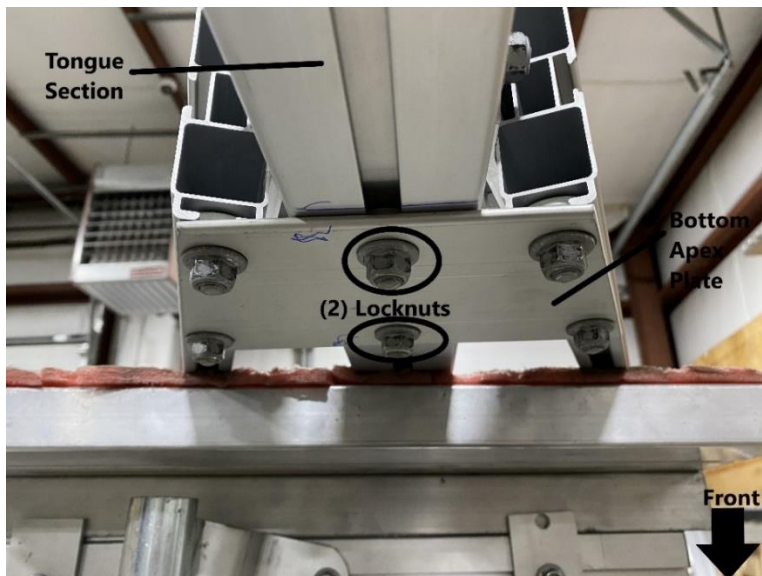


The rear tongue section will have two lines marked on it. Line up the two markings with the edges of the bottom tongue support as shown.

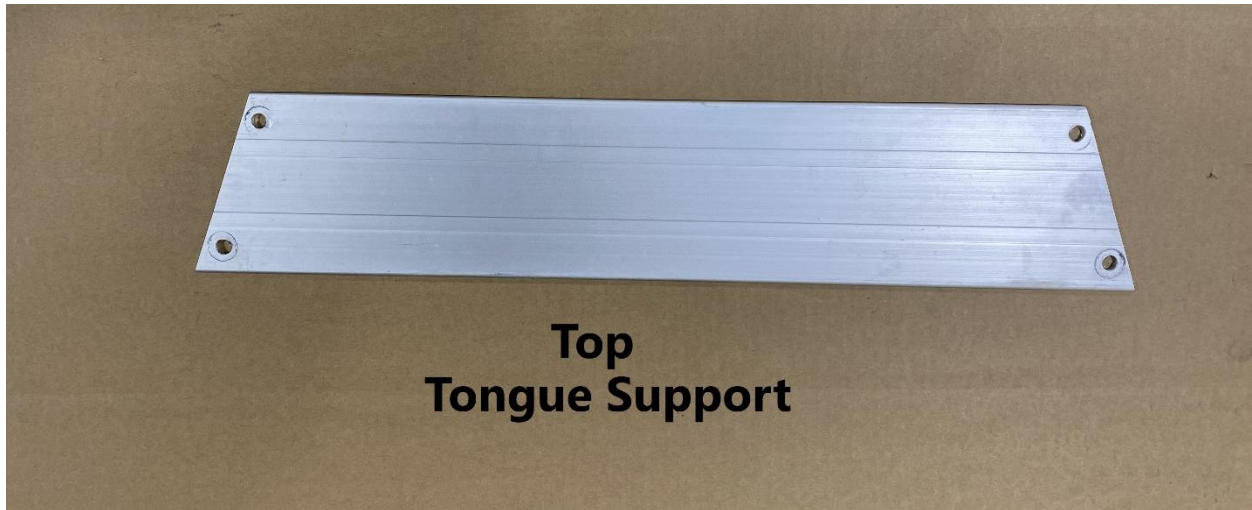




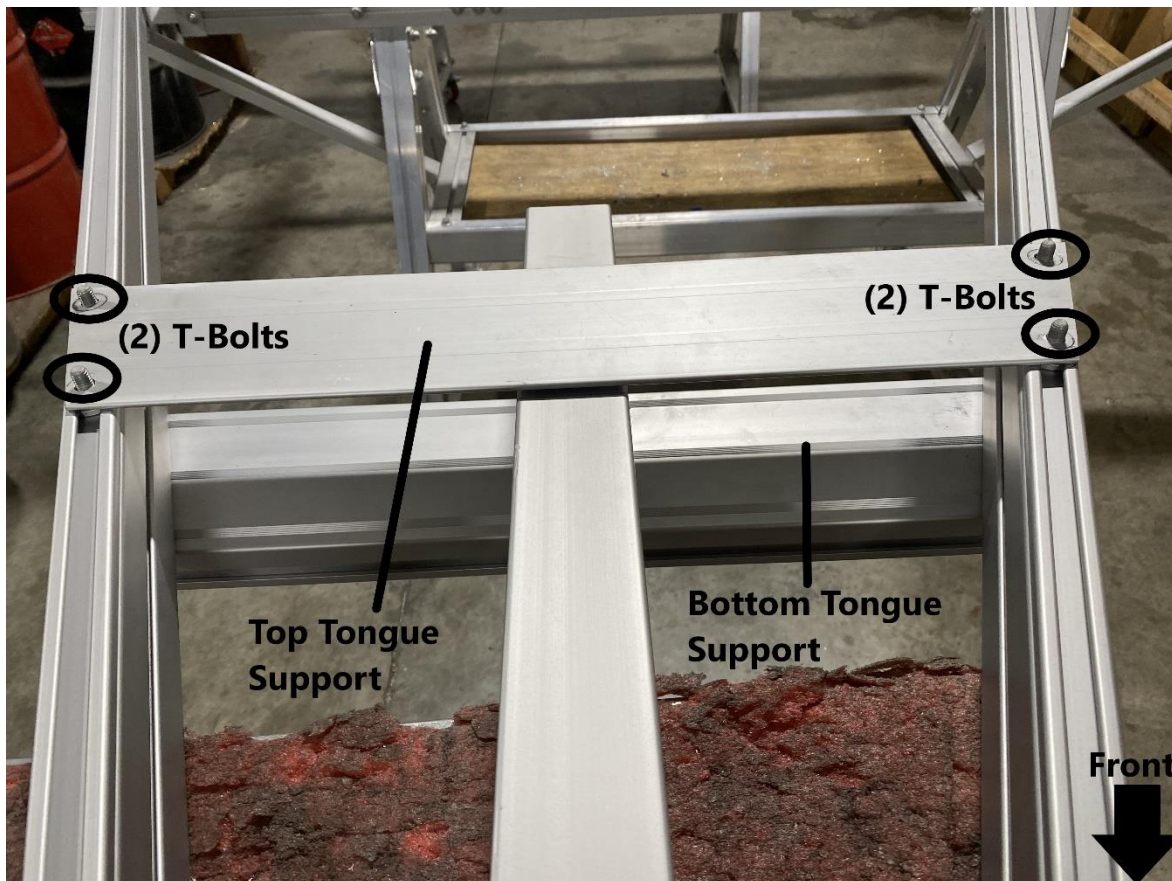
The locknuts will now need to be tightened to hold the tongue section in place. Locate the (2) locknuts on the bottom of the bottom tongue support. Tighten the (2) locknuts using a 9/16" wrench.



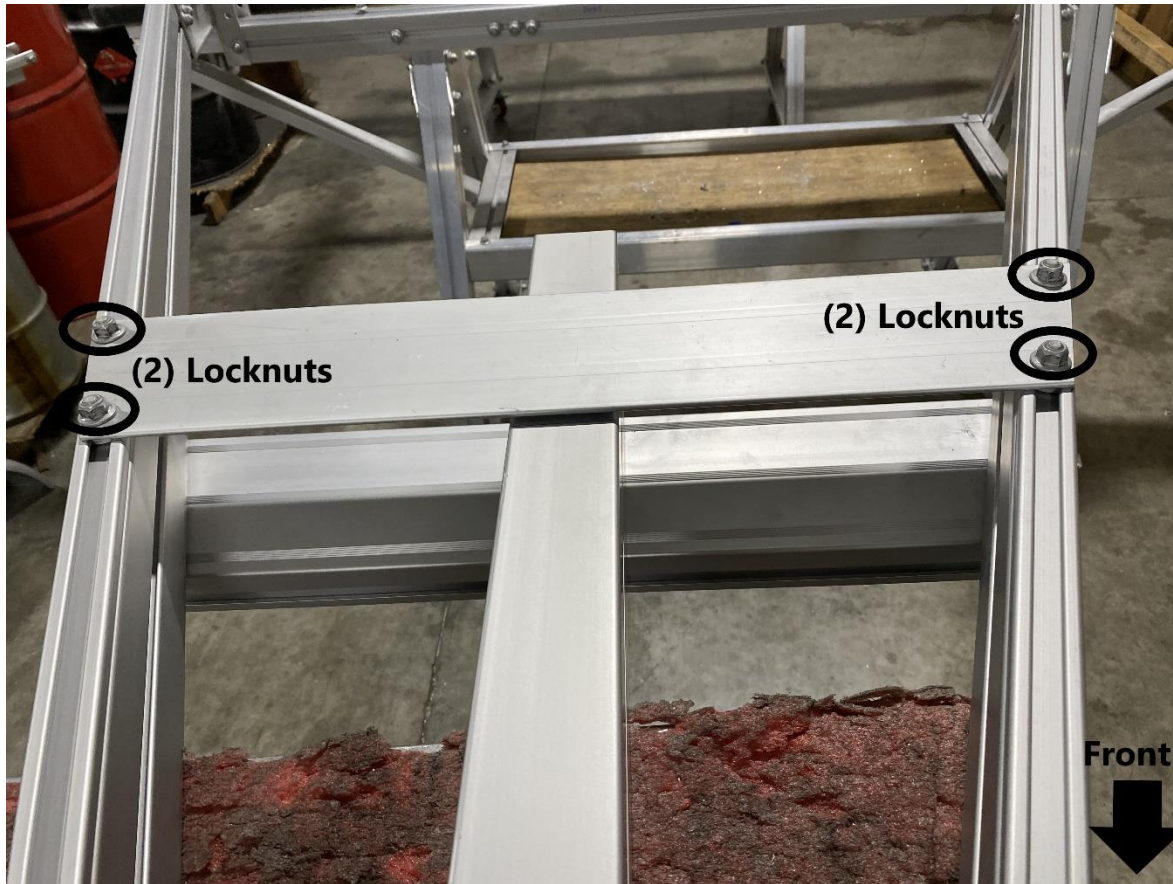
Locate the (2) locknuts on the bottom apex plate. Tighten the (2) locknuts using a 9/16" wrench.



Locate the top tongue support.



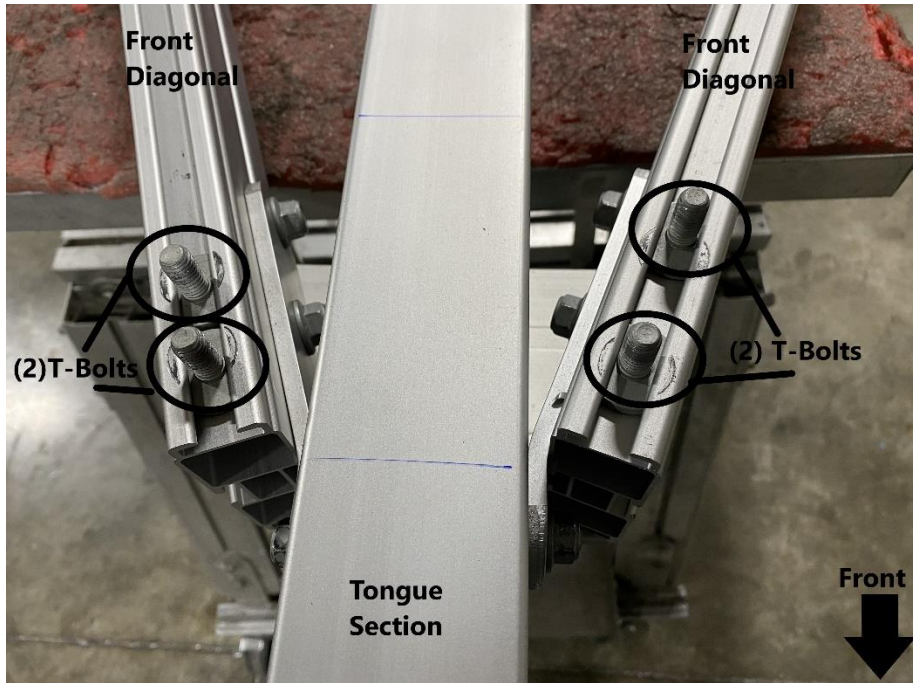
Locate the (4) T-Bolts installed in the front diagonals. Remove the locknuts and install the top tongue support using (4) T-bolts as shown. The top tongue support should be installed above the bottom tongue support.



Replace the (4) locknuts and tighten using a 9/16" wrench.



Locate the top apex plate.



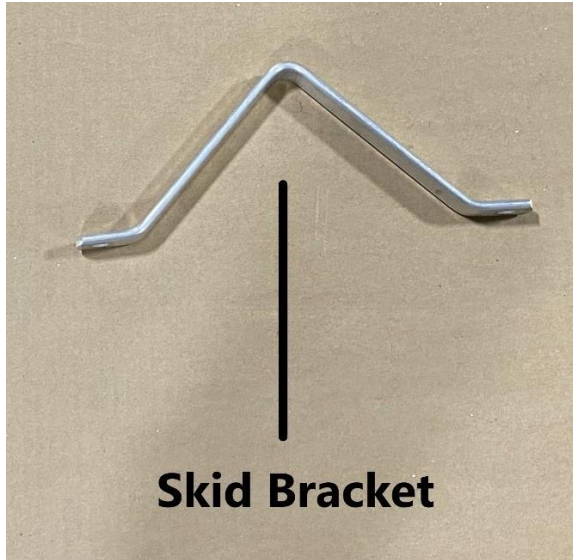
Locate the (4) T-Bolts installed in the top groove of the front diagonals. Remove (4) locknuts using a 9/16 wrench.



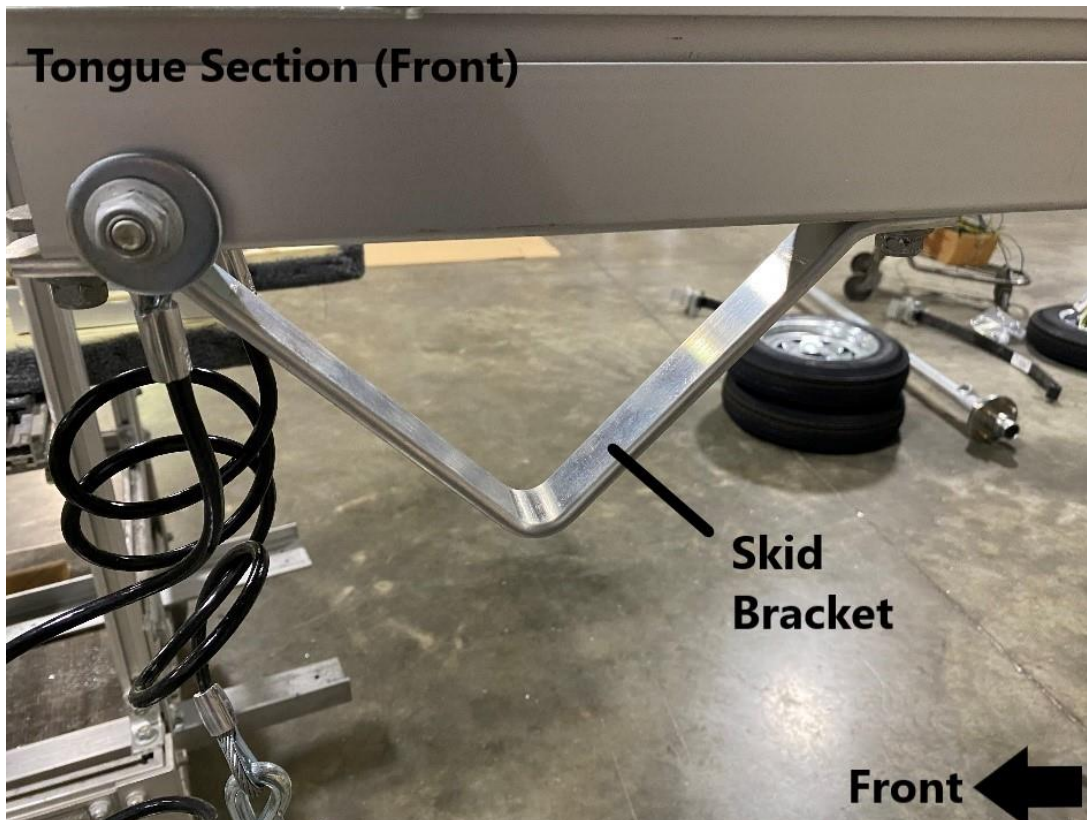
Install the top apex plate as shown. Replace the (4) locknuts and tighten using a 9/16" wrench.



**At this point the trailer will look like this.**



Locate the skid bracket.

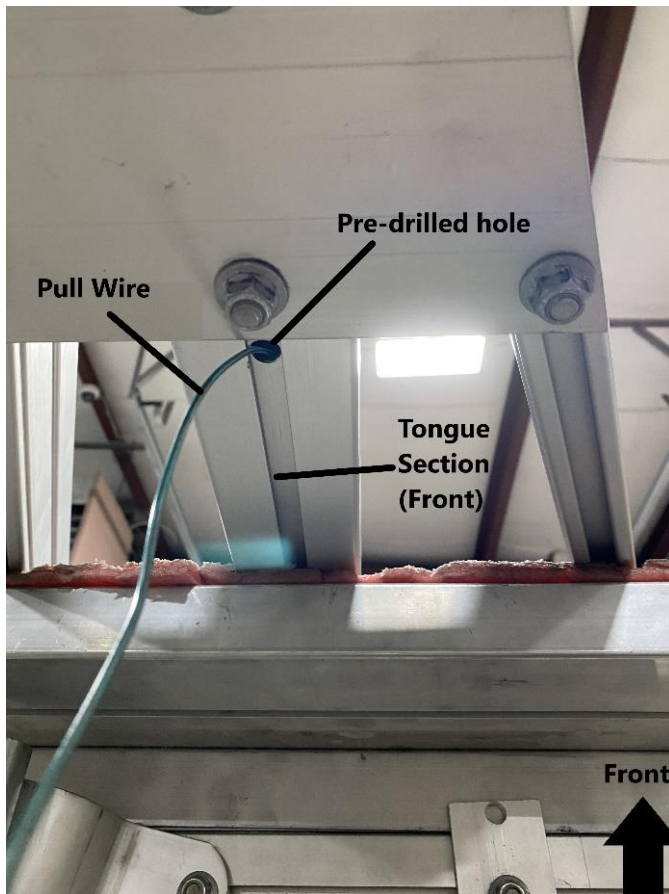


Install the skid bracket to the bottom of the front tongue section as shown. Slide the (2) T-bolts through the bottom groove of the tongue section then tighten the (2) locknuts using a 9/16" wrench.

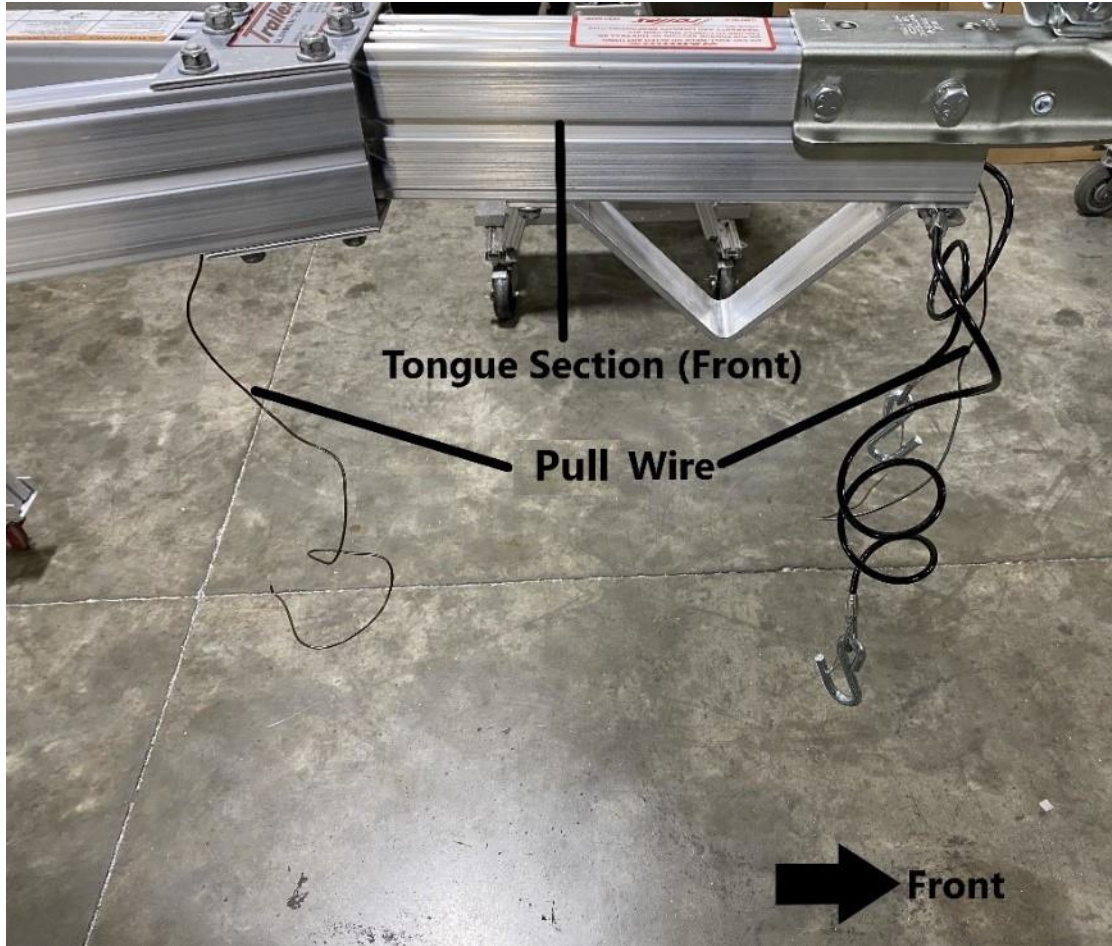
## Wiring Harness Installation



Locate the 5 foot pull-wire in the LED Light Kit. This will be used to pull the harness through the trailer. Pull-wires can be discarded once the trailer assembly is fully complete.



Locate the pre-drilled hole on the bottom of the front tongue section. Push the pull-wire through the pre-drilled hole towards the coupler at the front of the tongue section.



**Tongue Section (Front)**

**Pull Wire**

**Front**

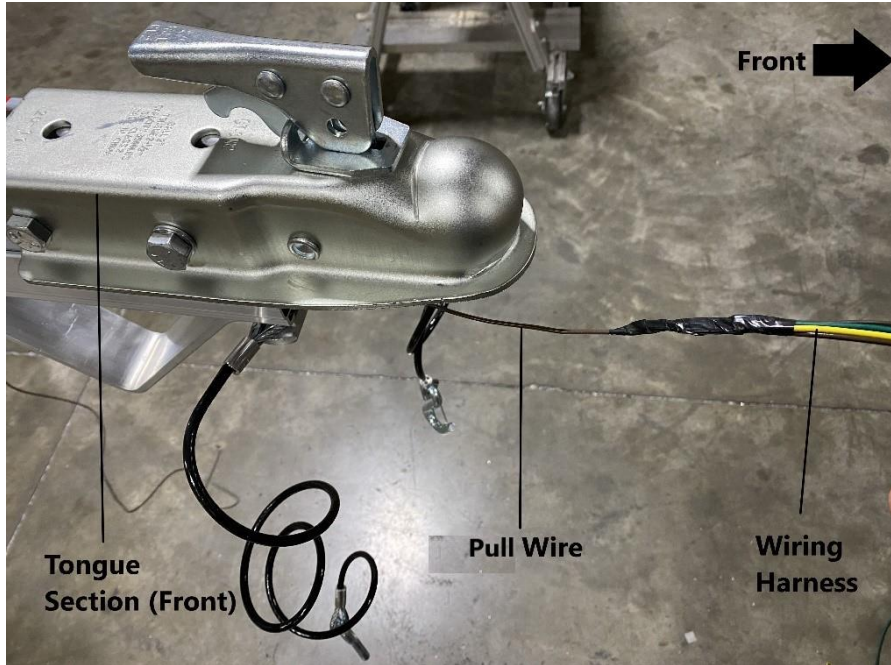
**Continue running the pull wire until it is through the front tongue section.**



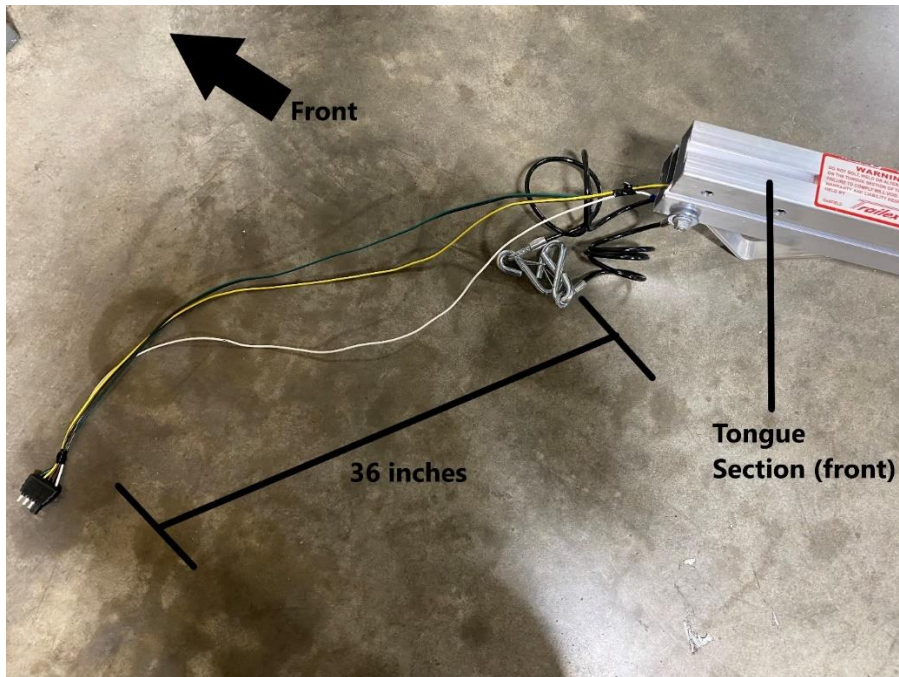
**Wiring Harness**

**Locate the wiring harness.**





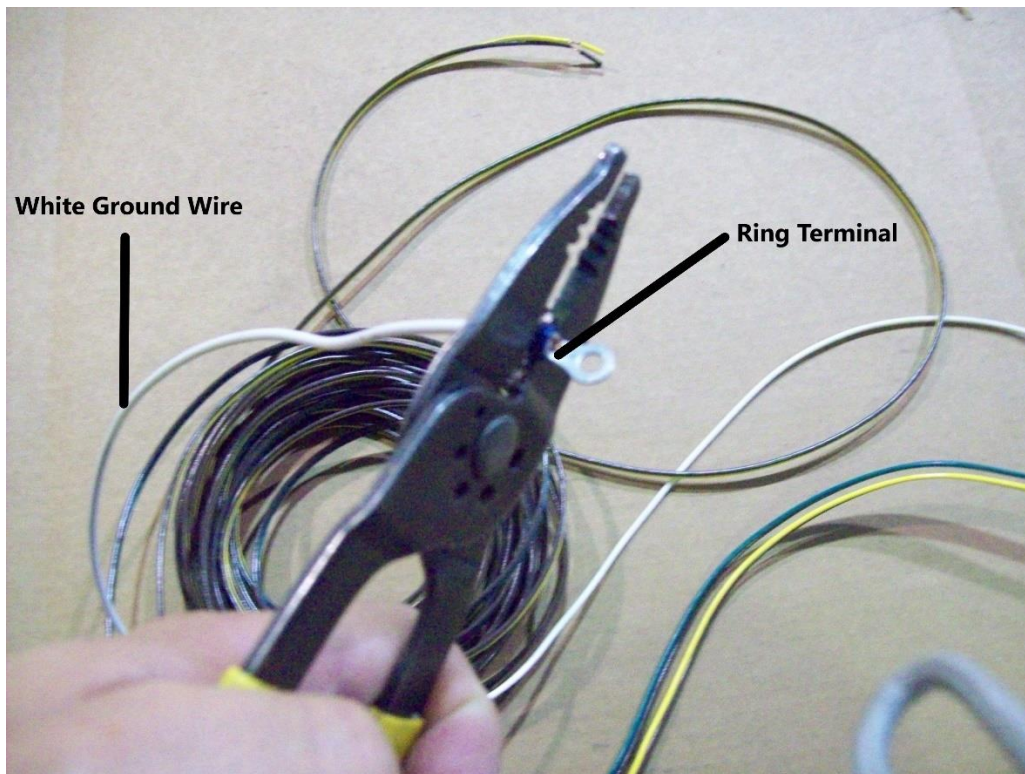
Use electrical tape to attach 4 harness wires (2 brown, 1 green, 1 yellow) to the pull wire. **Do not tape the white ground wire.** The white ground wire will stay at the front of the tongue section.



Pull the harness through the tongue section. Leave 36 inches of wiring at the front of the tongue section. This will be used to connect the trailer to the tow vehicle.



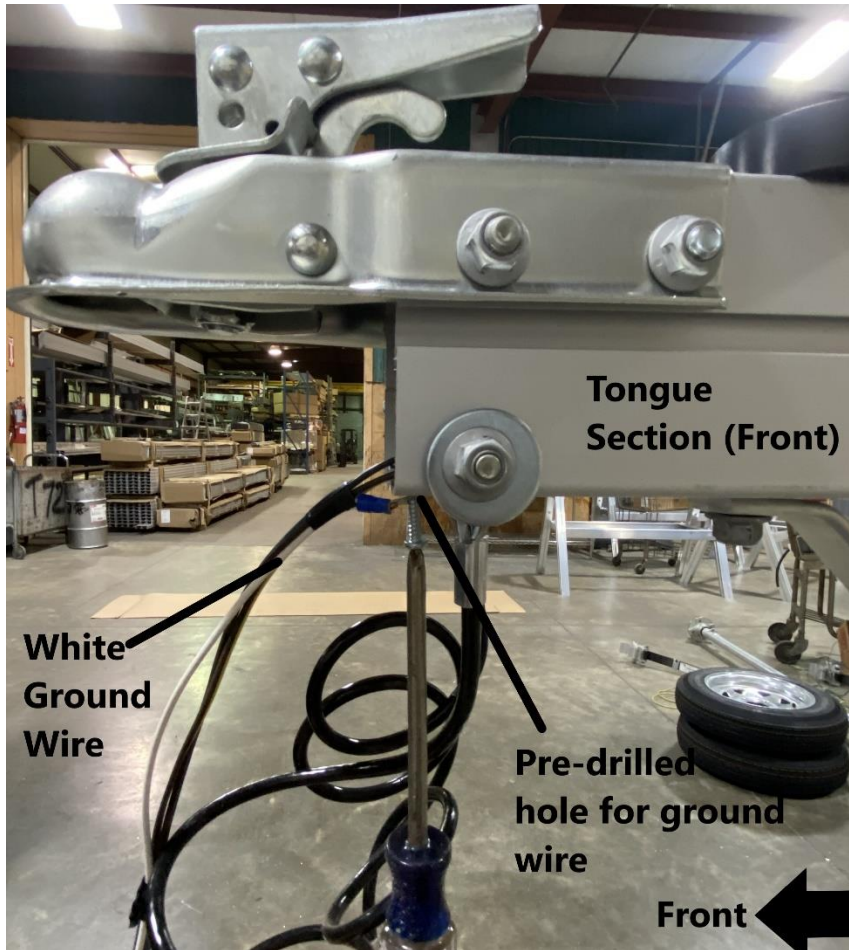
Locate the ring terminal. This will be found in the LED Tail Light Box.



Install the ring terminal to the white ground wire as shown. Strip the end of the white ground wire, place the ring terminal on the end of the white ground wire and crimp the two together.



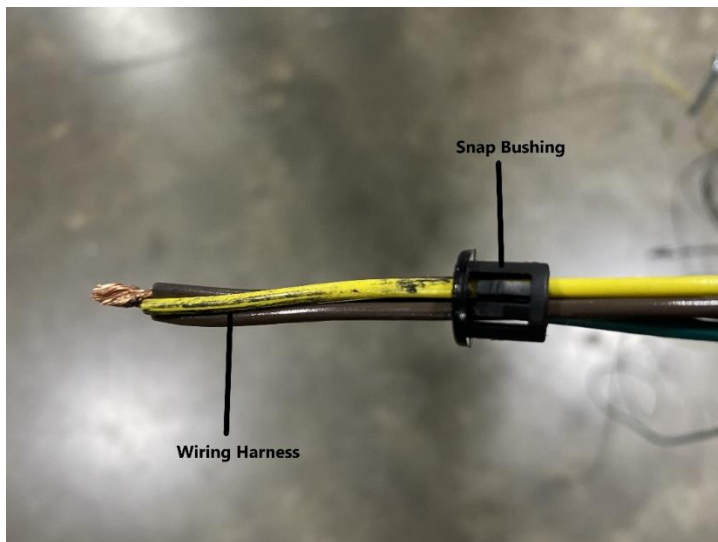
Locate the  $\frac{3}{4}$ " long Phillips screw that is found in the LED Tail light box.



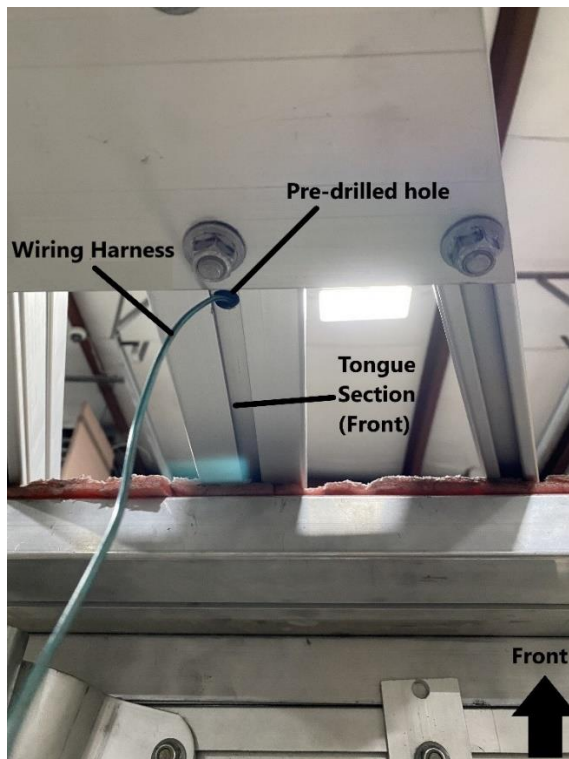
Using a Phillips screwdriver, install the Phillips screw through the ring terminal on the white ground wire into the pre-drilled hole. The pre-drilled hole is located on the bottom of the front tongue section.



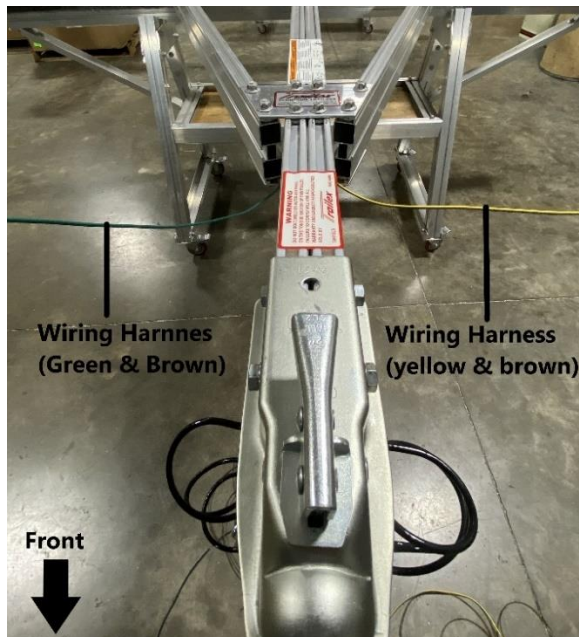
**Locate the snap bushing found in the LED Light Kit.**



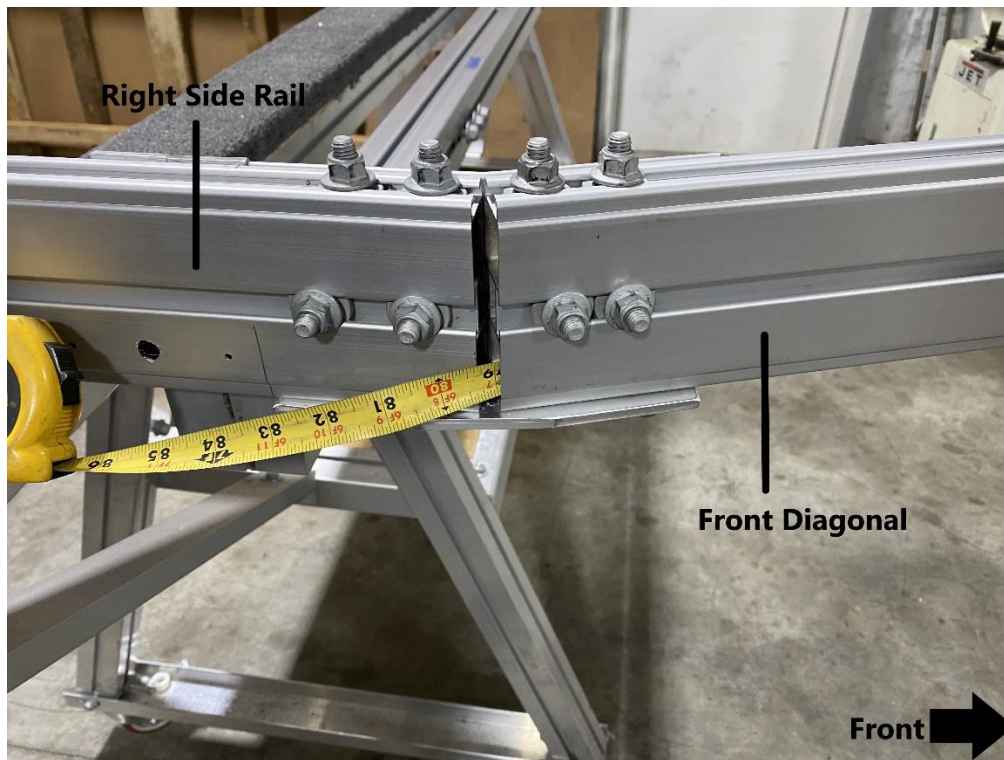
**Install the snap bushing on the wiring harness. This will be the end of the wiring harness that was pulled through the tongue section and out through the pre-drilled hole.**



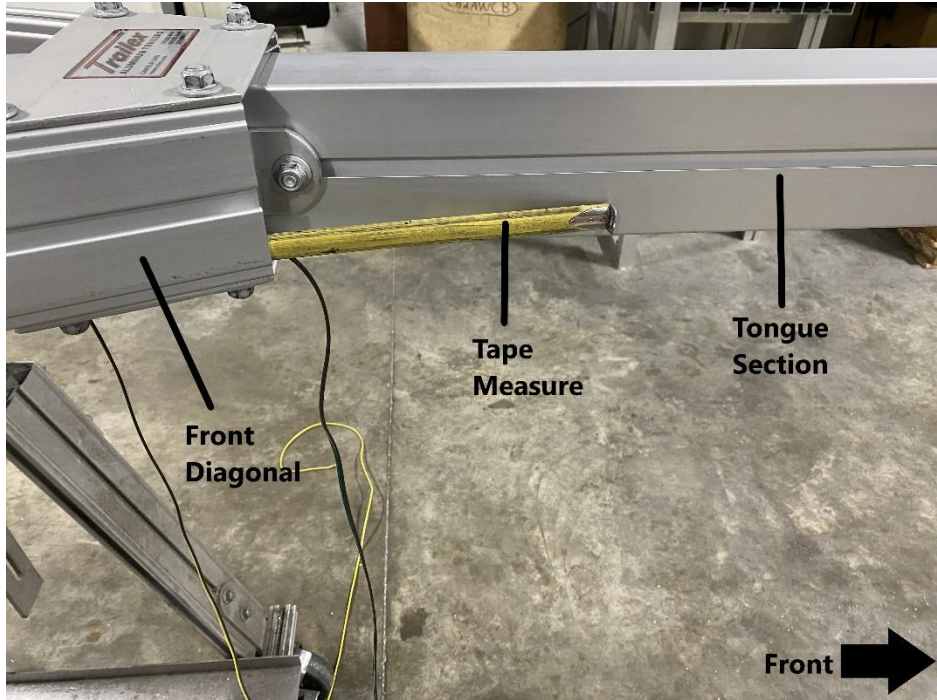
**Install the snap bushing into the pre-drilled hole. Run the snap bushing up the wiring harness and press the snap bushing into the pre-drilled hole. Use a standard screwdriver to press the snap bushing into place.**



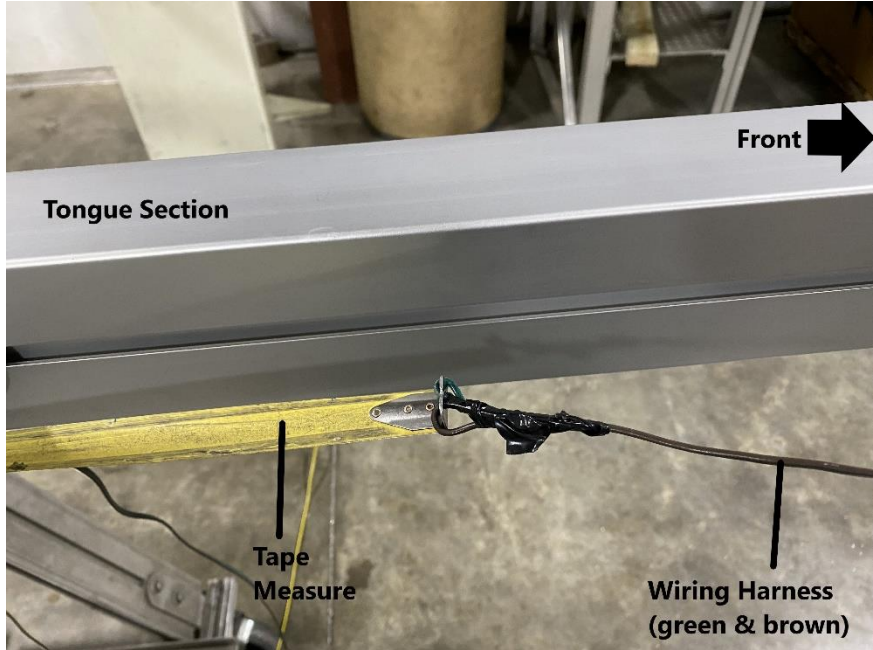
The wiring harness will now need to be ran to the rear of the trailer. Separate the wires so the green and brown will run down the passenger side while the yellow and brown wires will run down the driver's side.



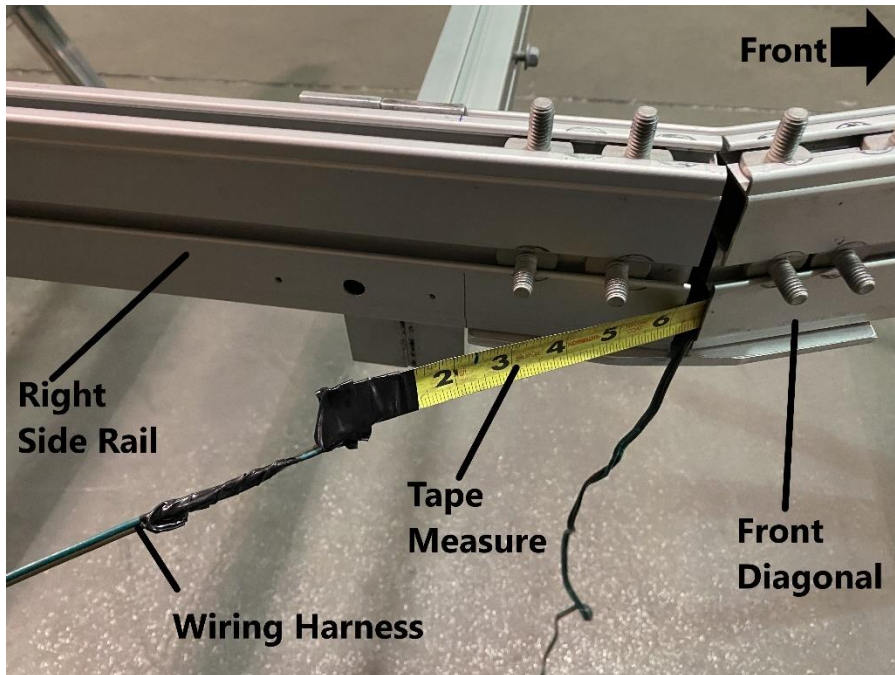
Locate the opening where the front diagonal is connected to the right side rail. Extend a tape measure through the front diagonal towards the front of the trailer.



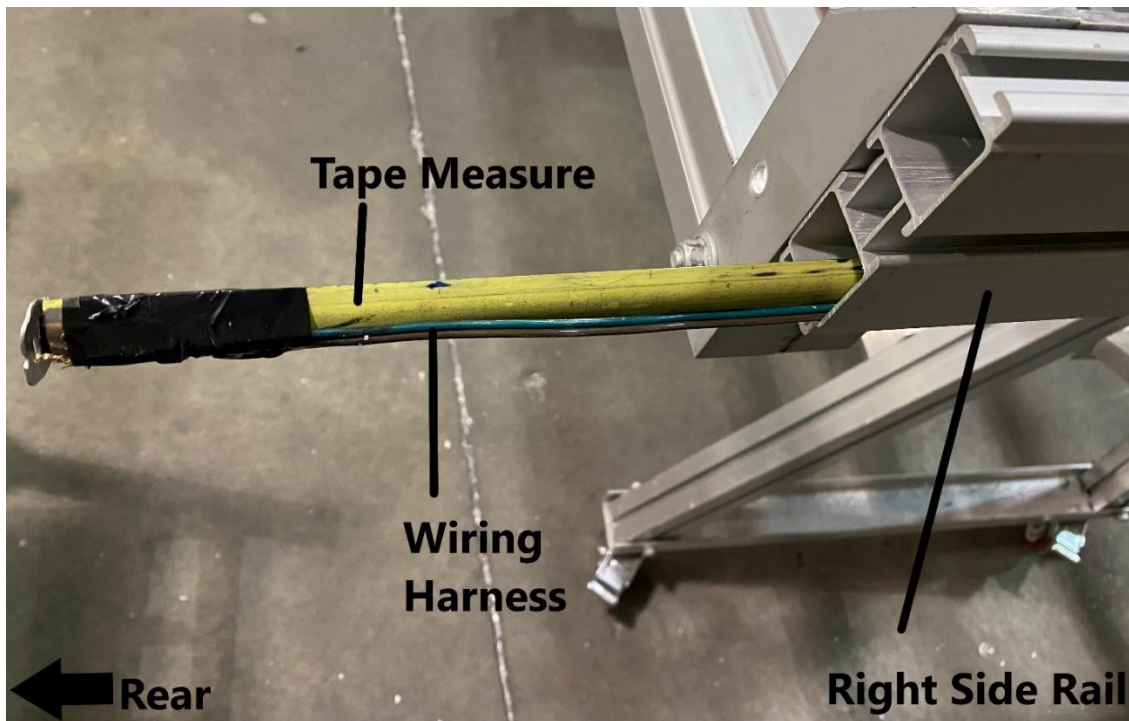
Continue extending the tape measure until it reaches the other end of the front diagonal.



Tape the end of the green and brown wires of the wiring harness to the end of the tape measure using electrical tape.

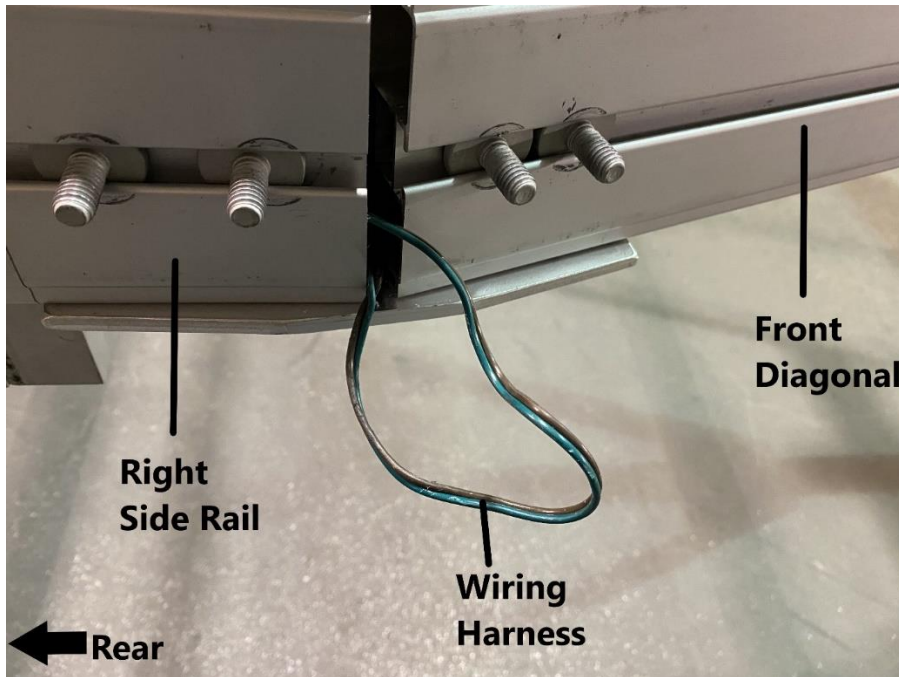


Pull the wiring harness through the front diagonal. Do not remove the tape yet.





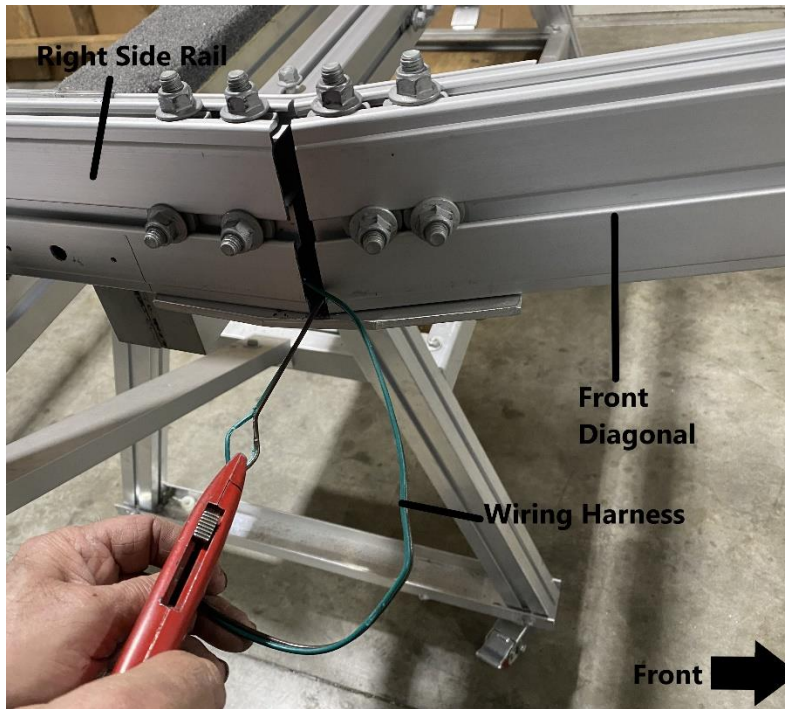
Insert the tape measure with wiring harness attached into the bottom opening of the right side rail. Extend the tape measure until it reaches the rear of the trailer. Remove the electrical tape and retract the tape measure.



Leave a small amount of wiring harness where the front diagonal connects to the right side rail. This will be used later to connect side marker lights to the harness.



Repeat this process for the yellow and brown wires to extend the wiring harness to the rear of the trailer. At this point the trailer will look like this.



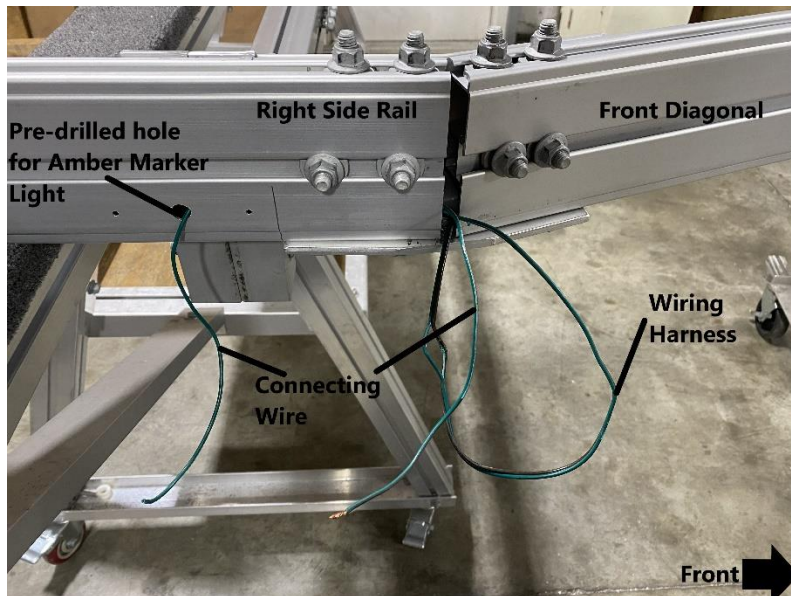
Locate the small amount wiring harness left between the front diagonal and the right side rail. Use a utility knife to separate the yellow wire from the brown wire. **Do not cut through the wires.**



The wiring harness will now look like this.

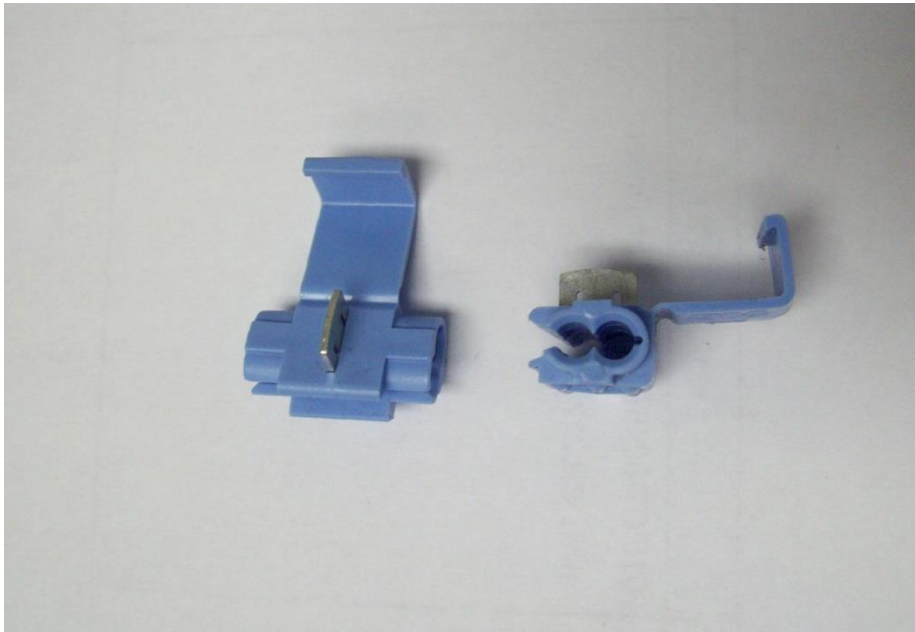


Locate the 2 foot connecting wire in the LED light kit. This will be used to connect the amber marker lights to the wiring harness.

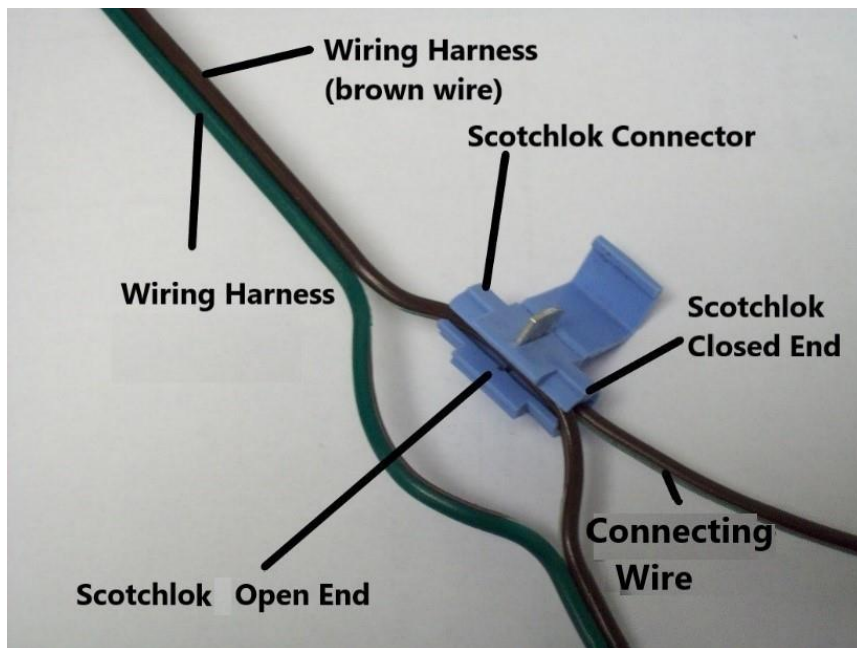


Push the connecting wire through the pre-drilled hole for amber marker light until it reaches the opening between the front diagonal and the left side rail.

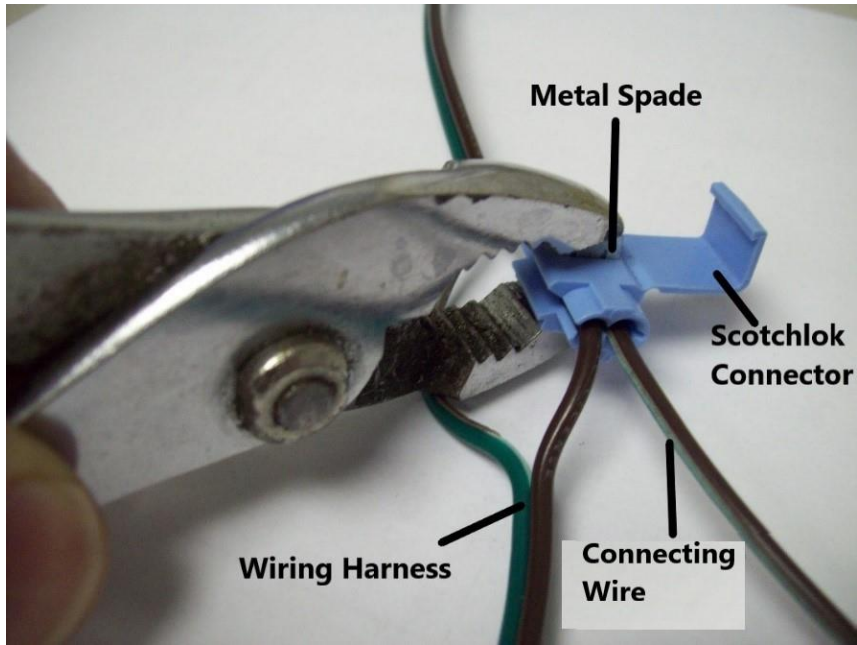
## Scotchlok Connector Instructions



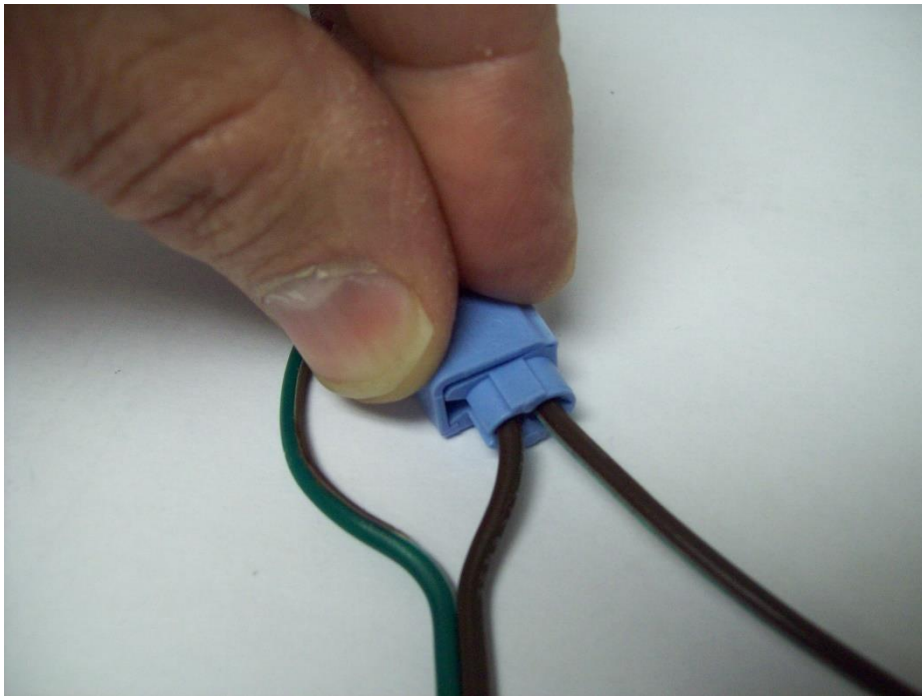
Locate (2) Scotchlok connectors. These will be found in the LED Tail Light Box.



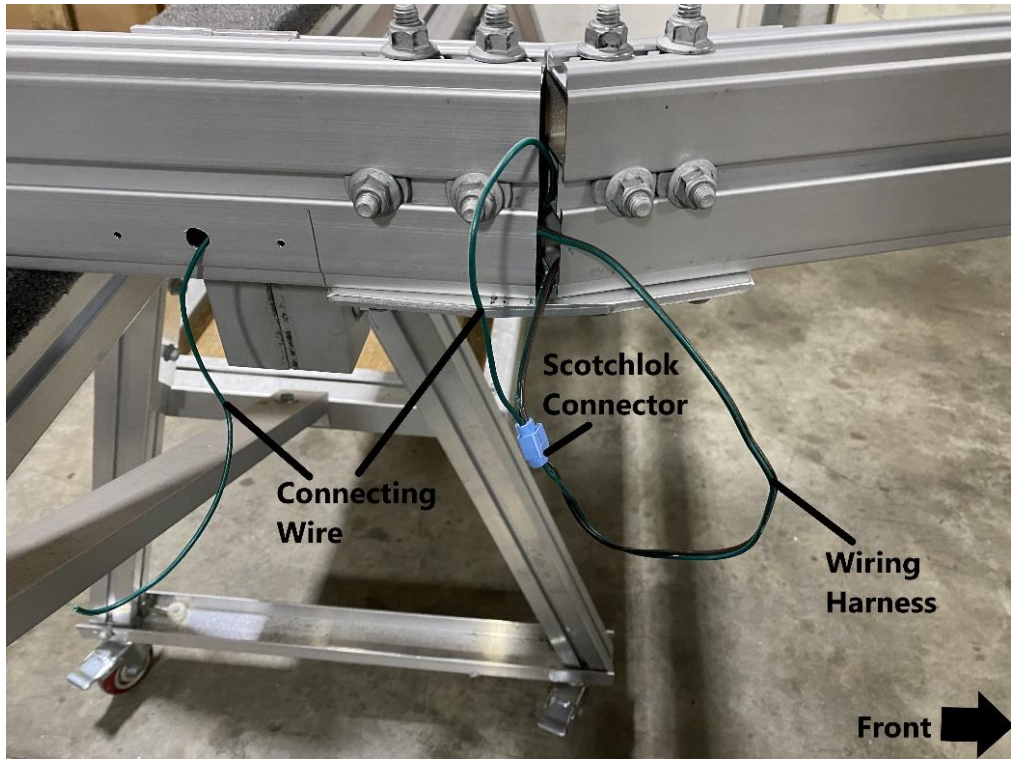
Insert the connecting wire into the Scotchlok connector. This hole does not pass all the way through. The wire should go in about  $\frac{1}{2}$ ". Pass the brown wire of the wiring harness through the remaining open slot in the connector.



Use pliers to push the metal spade down until it is flush with the plastic of the Scotchlok Connector. This is what makes the electrical connection between the two wires.



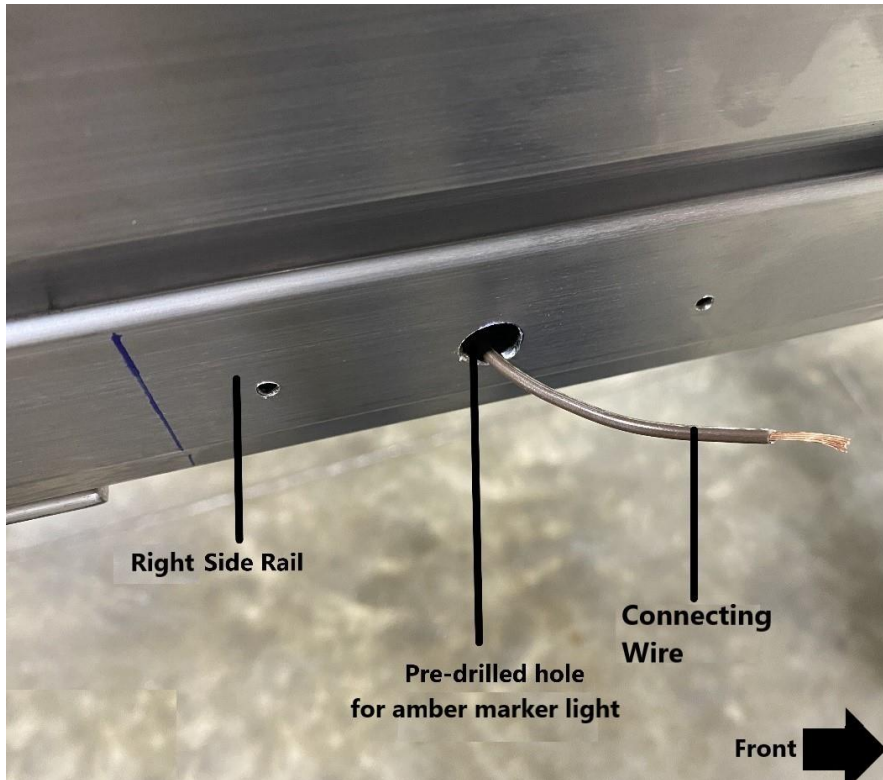
Close the hinge cover on the Scotchlok Connector. Repeat this process for the other side.



When connected, the scotchlok connector will look like this.



Carefully push the wiring harness back into trailer.



Strip the end of the connecting wire that is located in the pre-drilled hole for amber marker light.

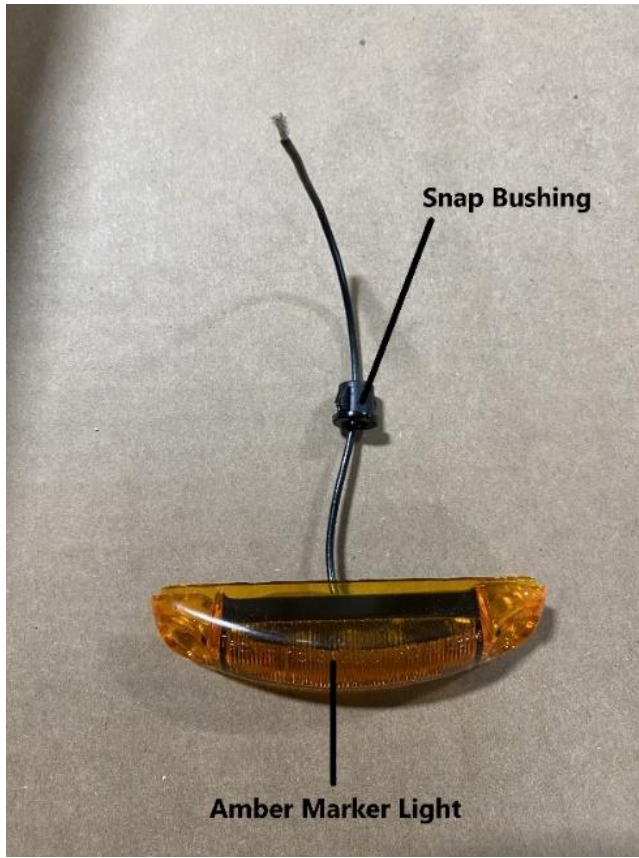


Locate (2) side marker lights. These can be found in the LED tail light box.



**Strip the end of the amber marker light wire.**

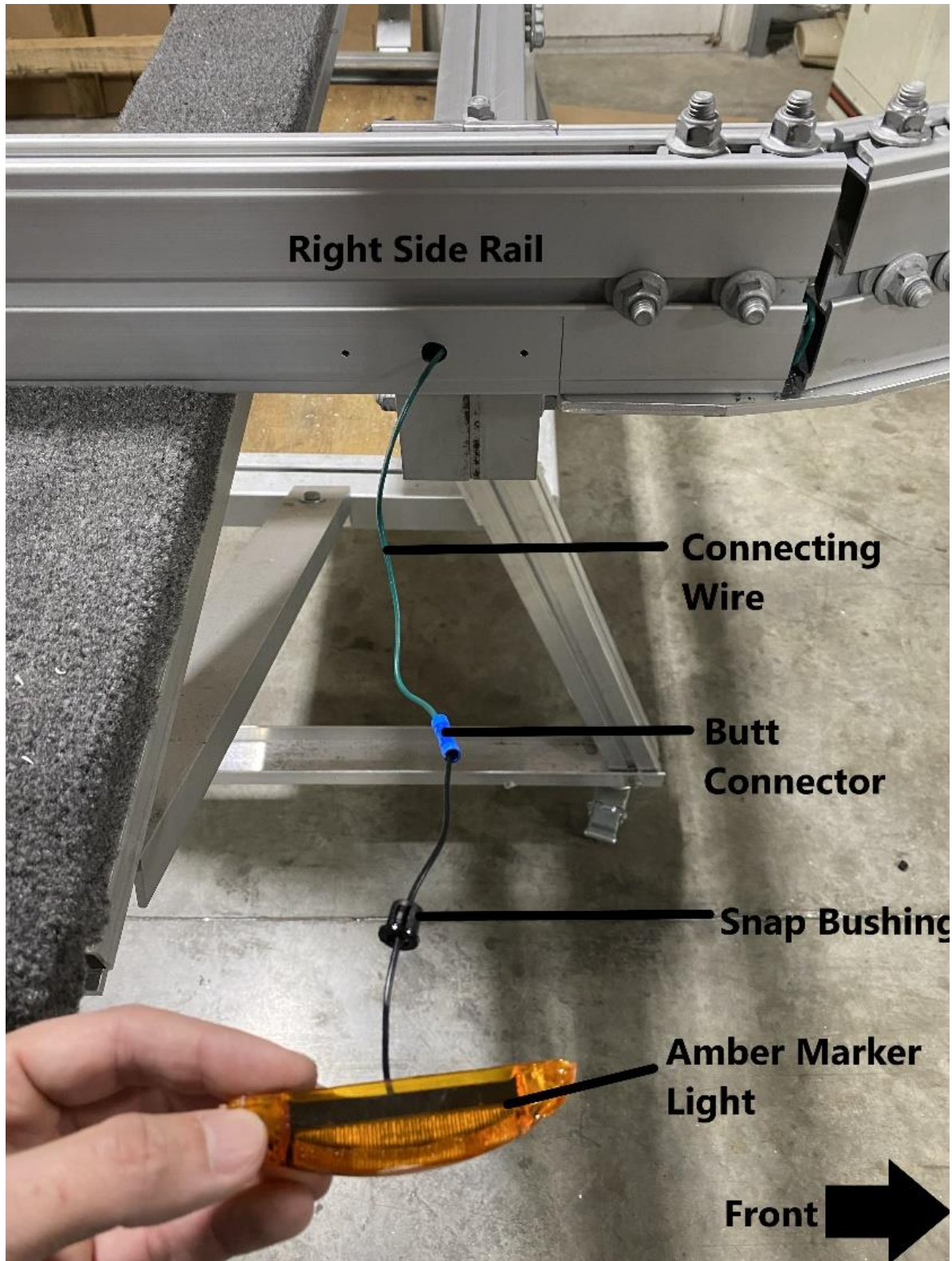




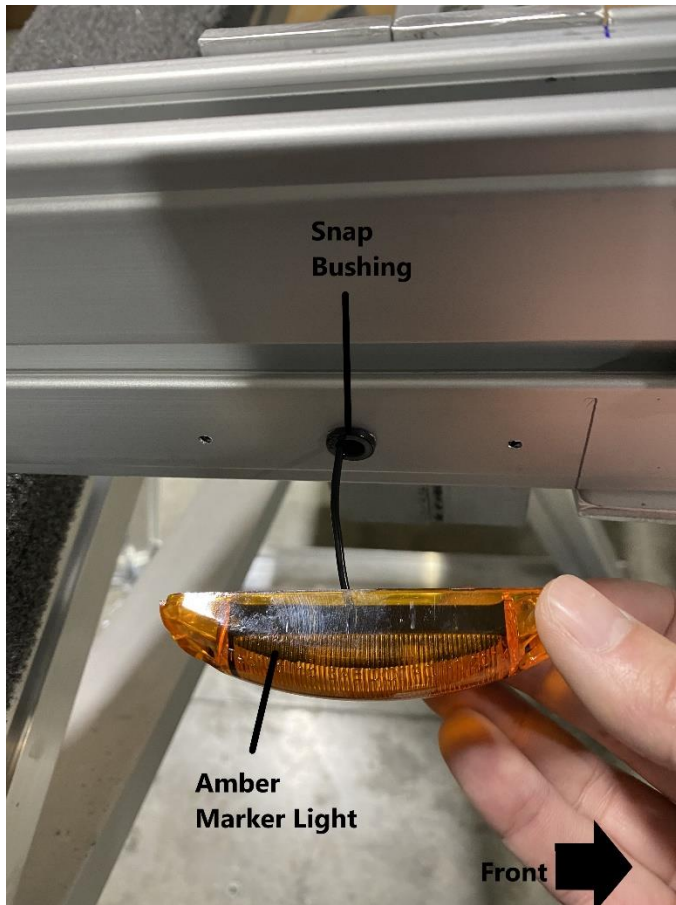
Place a snap bushing on the amber marker light as shown.



Locate a butt connector found in the LED Tail Light box.



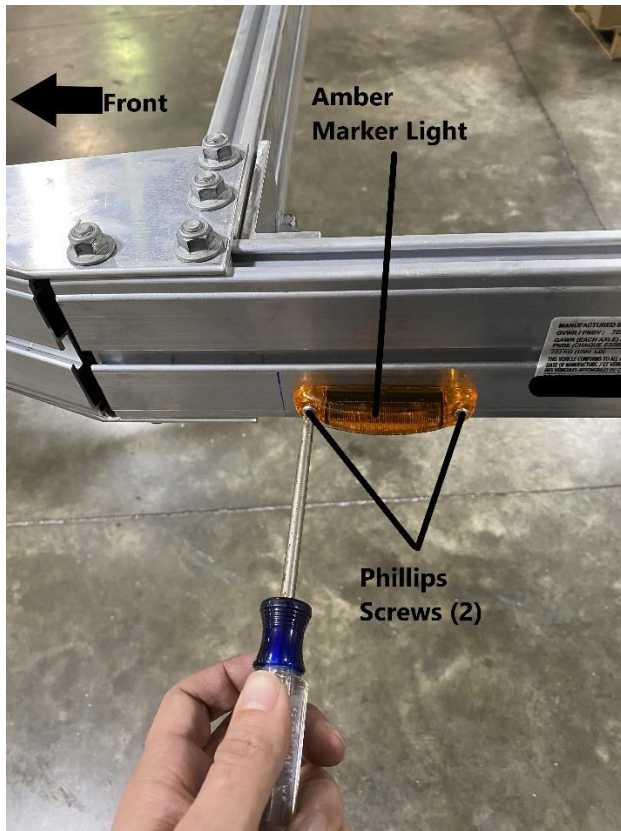
Use the butt connector to attach the connecting wire to the amber marker light. Place both wires into the butt connector and crimp the butt connector.



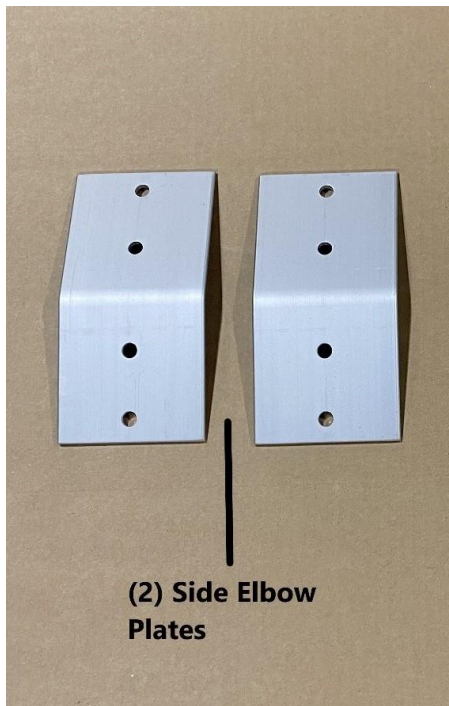
Push the wire into the trailer and install the snap bushing as shown.



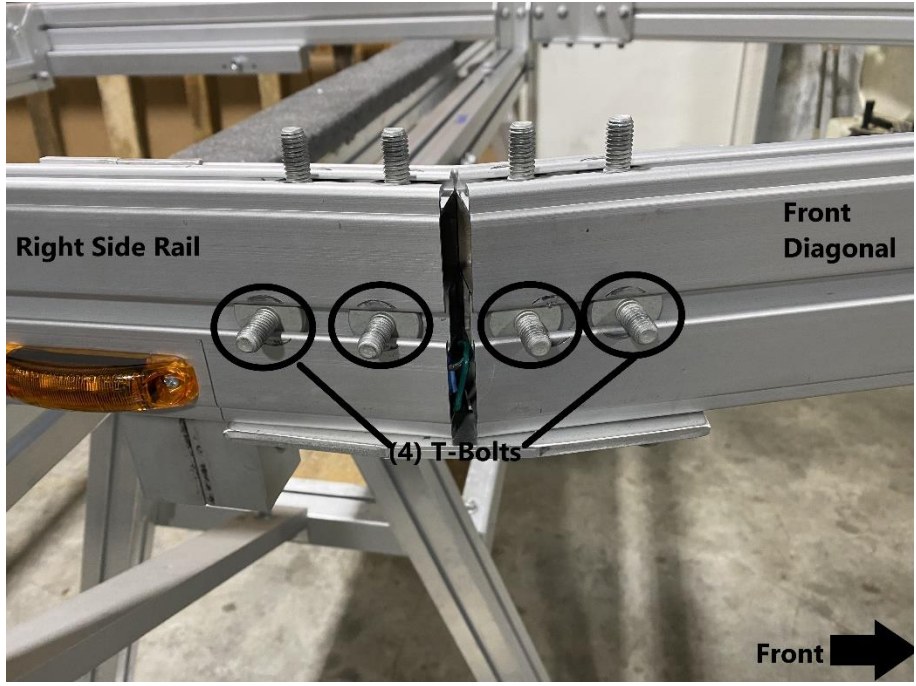
Locate (2)  $\frac{3}{4}$ " Phillips screws. These can be found in the LED Tail Light box.



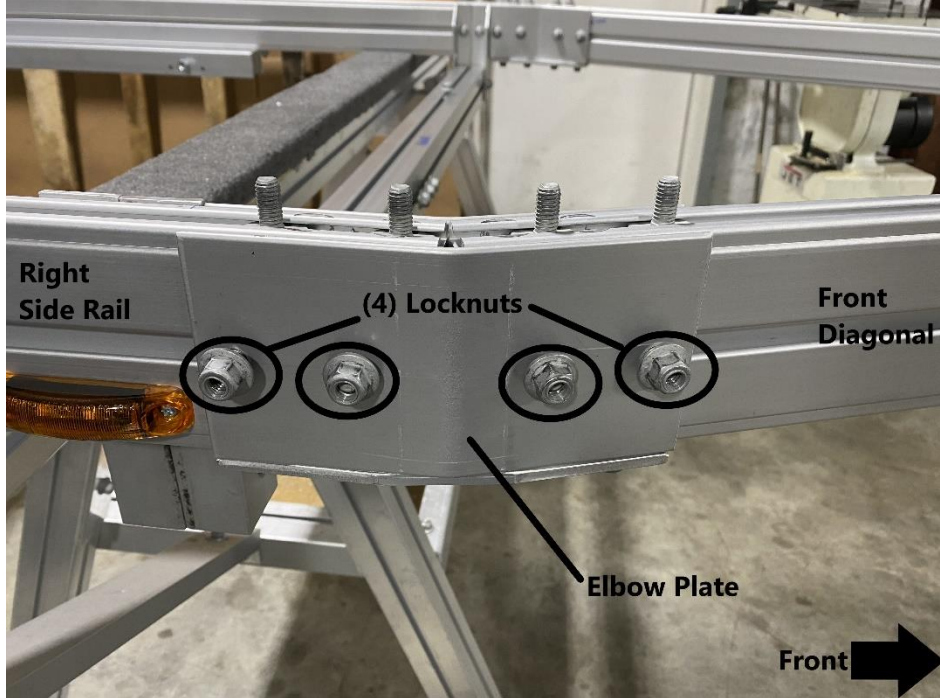
Locate (2)  $\frac{3}{4}$ " long Phillips screws found in the LED Light Kit. Install the amber marker light as shown. Repeat the process to install an amber marker light on the other side of the trailer.



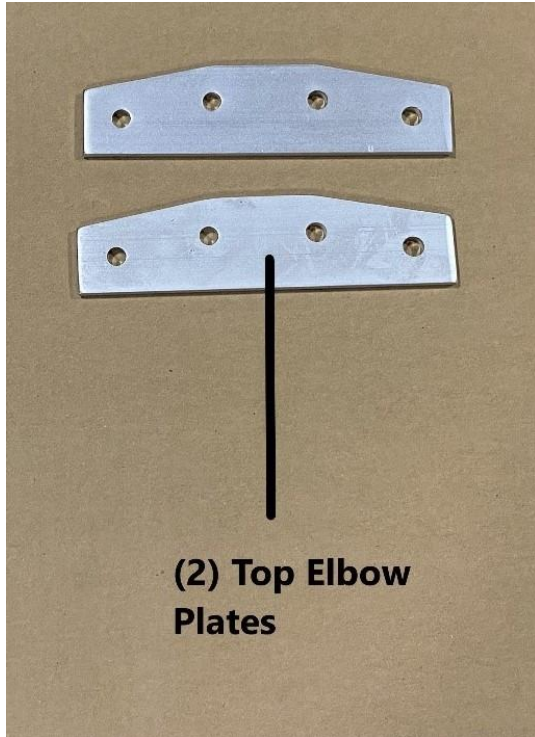
Locate (2) side elbow plates.



Locate the (2) T-Bolts installed on the side groove of the right side rail and the (2) T-bolts installed on the side groove of the front diagonal. Remove the (4) locknuts using a 9/16" wrench.



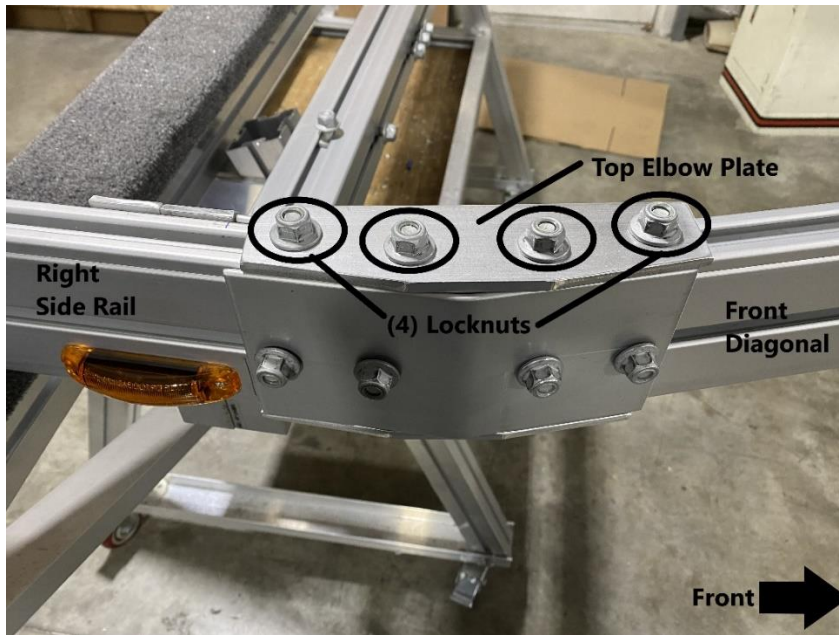
Install the elbow plate as shown. Install (4) locknuts and tighten with a 9/16" wrench. Repeat the process for the other side.



Locate the (2) top elbow plates.



Locate the (2) T-Bolts installed on the top groove of the right side rail and the (2) T-bolts installed on the top groove of the front diagonal. Remove the (4) locknuts using a 9/16" wrench.

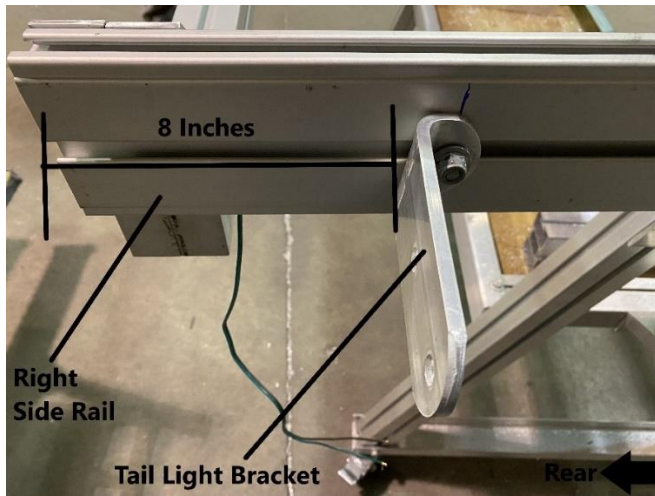


Install the top elbow plate as shown. Replace the (4) locknuts and tighten using a 9/16" wrench.

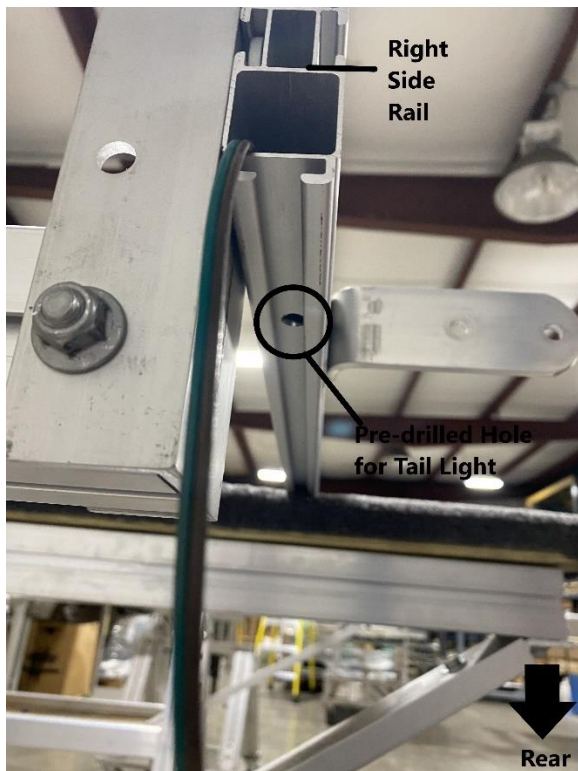
### Tail Light Installation



Locate (2) Tail Light Brackets.



Install the Tail Light Bracket as shown. Measure 8 inches from the end of the right side rail. Slide the T-bolt installed on the tail light bracket into the groove of the right side rail. Move the tail light bracket until it is 8 inches from the end of the right side rail. Tighten the locknut using a 9/16" wrench. Repeat this process on the left side rail to install both tail light brackets.

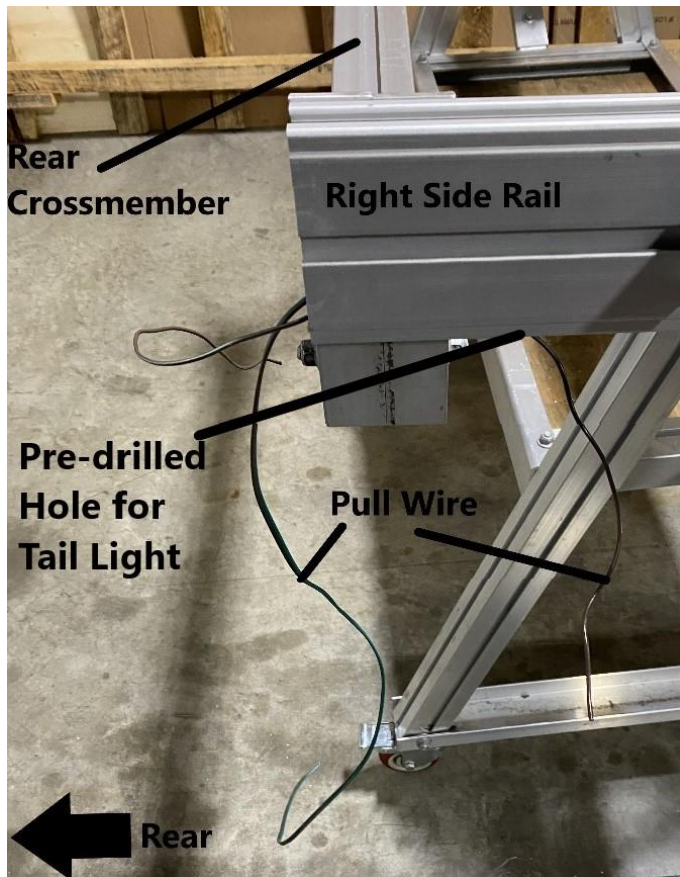


Locate the pre-drilled hole for tail light. This is located on the bottom of the right side rail.

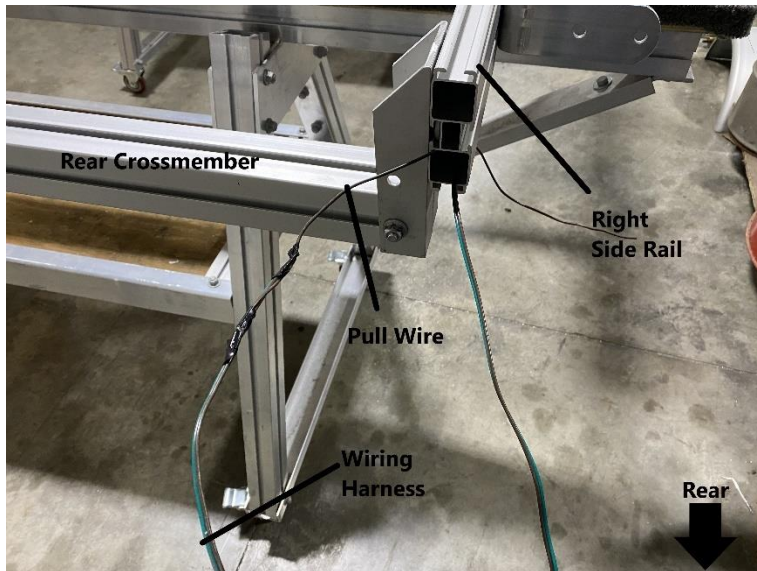




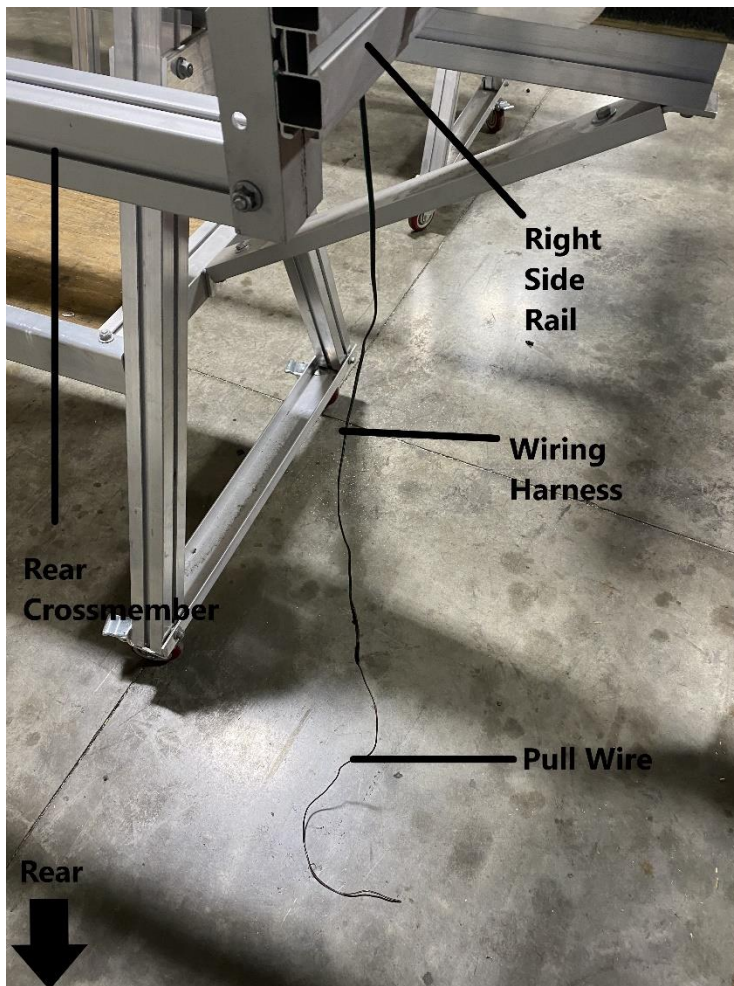
Locate the 2 foot pull wire.



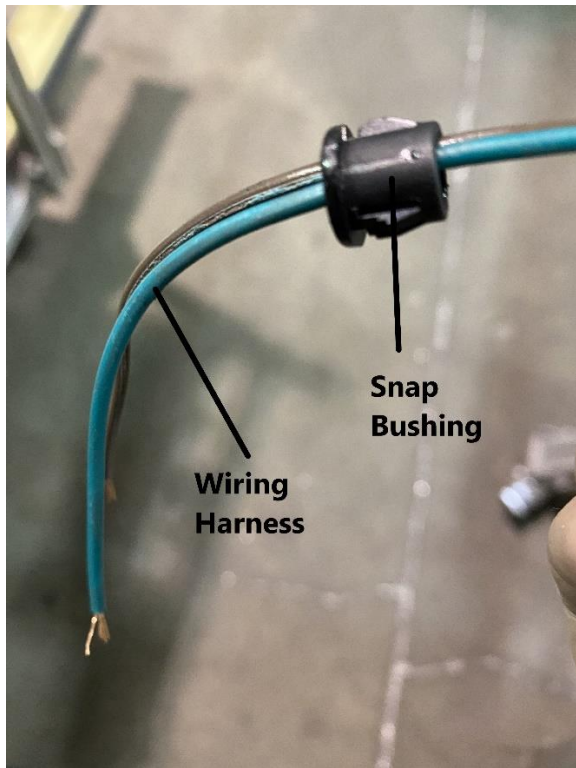
Push the 2 foot pull-wire through the pre-drilled hole and out the end of the right side rail.



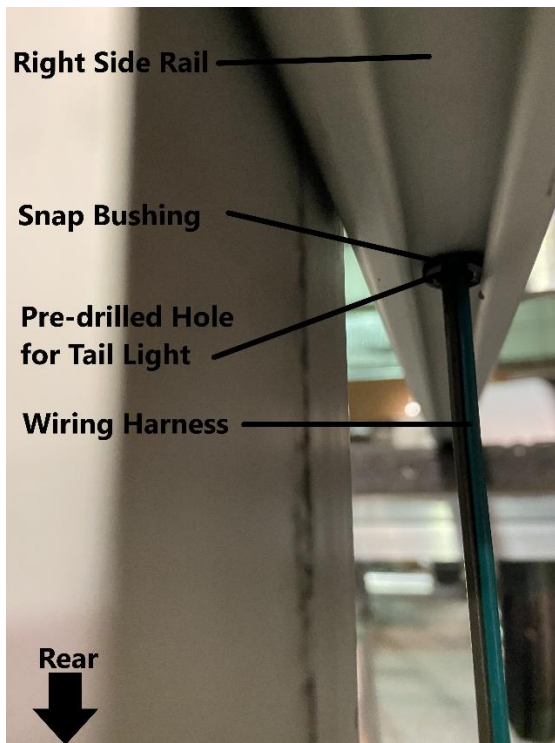
Use electrical tape to connect the end of the wiring harness to the pull wire.



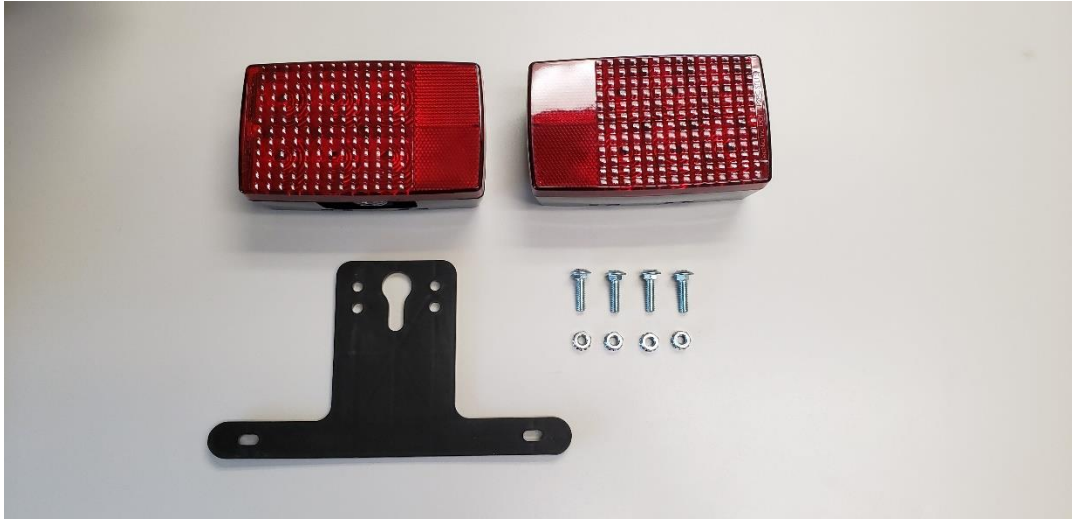
Move the wiring harness through the pre-drilled hole for tail light until the wiring harness is hanging underneath the right side rail. Remove the electrical tape and the pull wire.



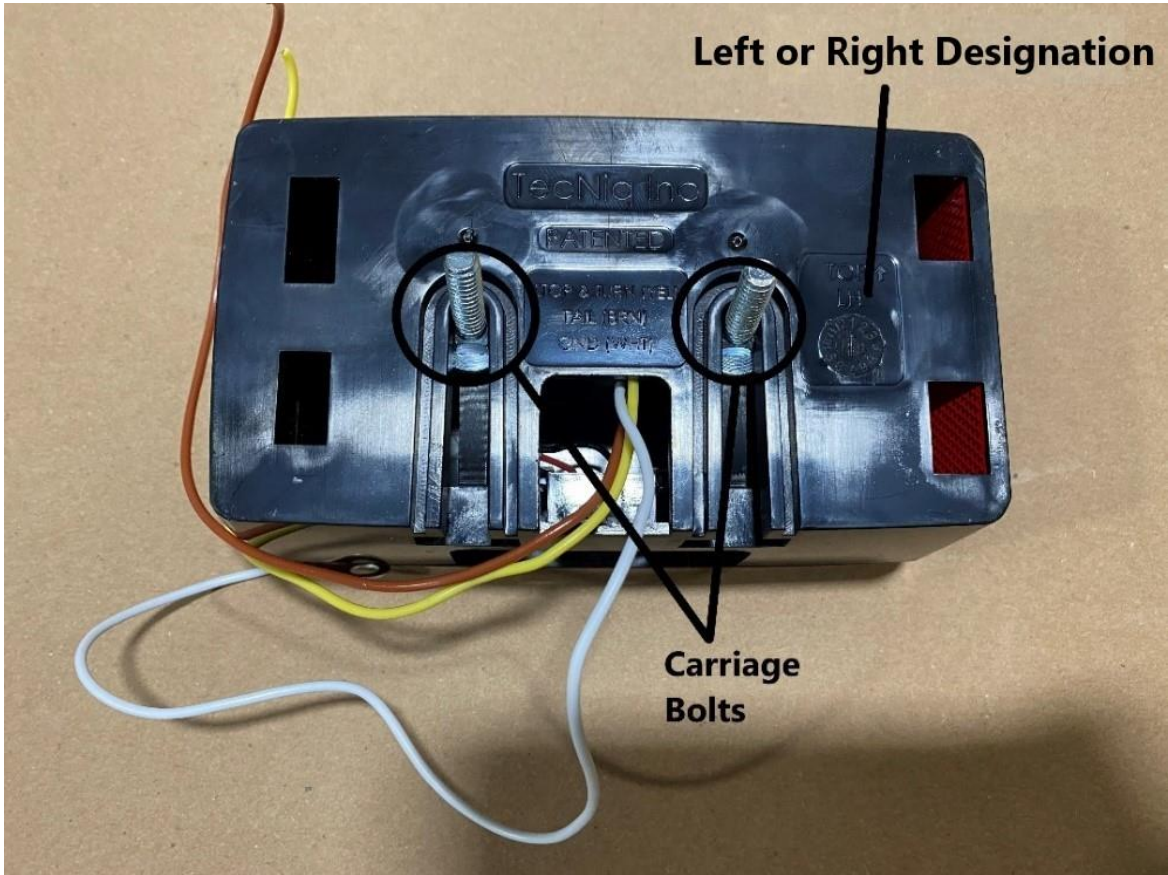
Place a snap bushing at the end of the wiring harness as shown.



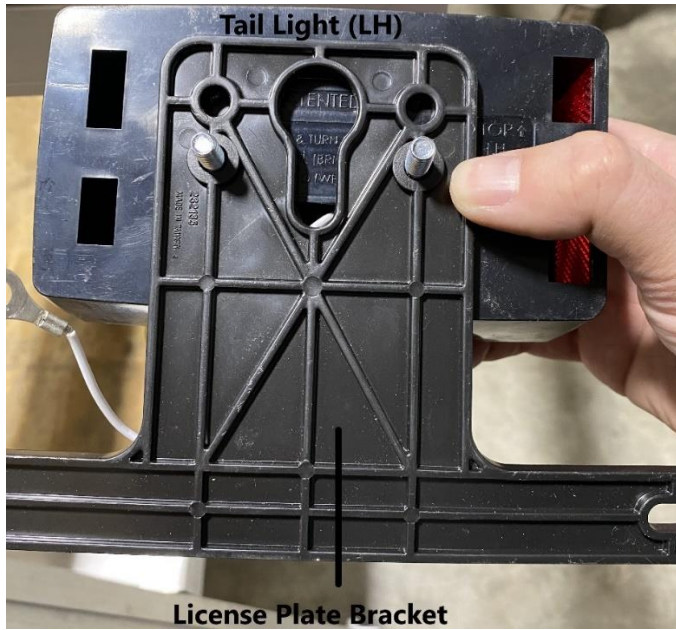
Run the snap bushing up the wiring harness and install into the pre-drilled hole for tail light. Repeat this process on the other side of the trailer.



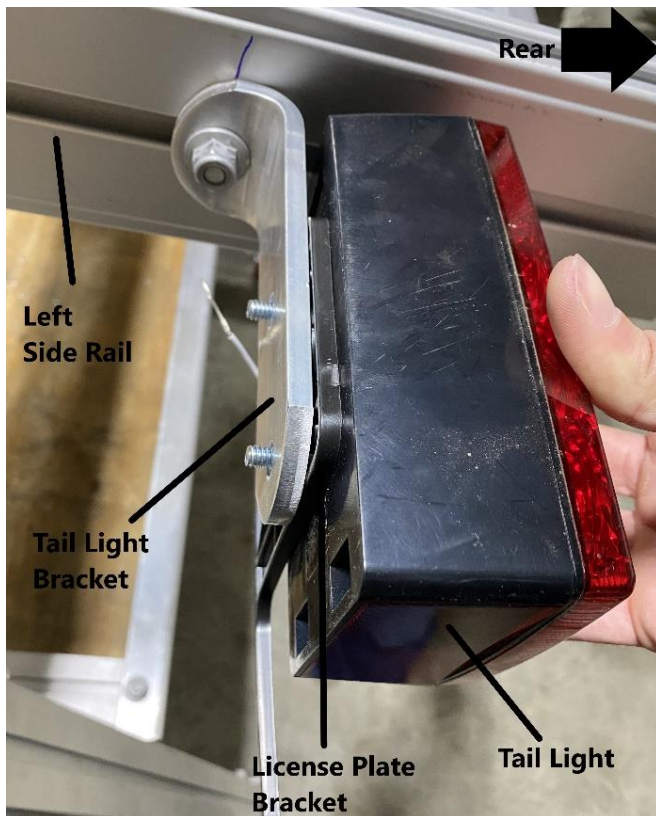
Locate (2) tail lights, (1) license plate bracket, (4) carriage bolts and (4) nuts. These will be inside the LED Light Box.



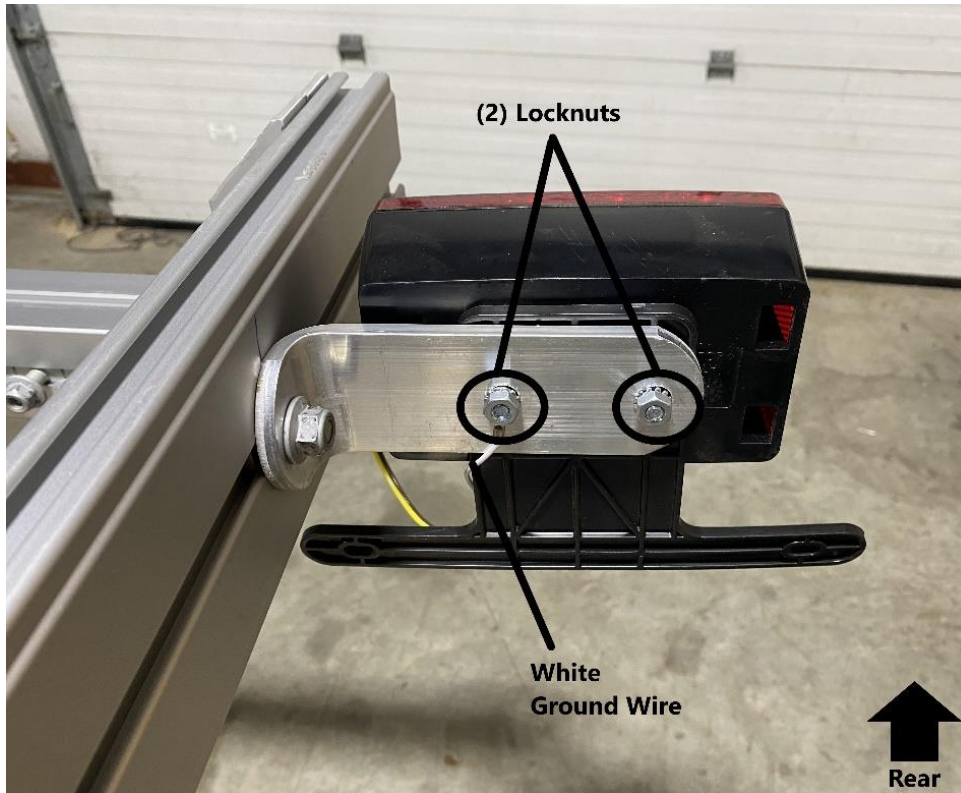
Place the (2) Carriage bolts into the grooves in the tail lights as shown. Note that the back of tail light shows if the light is the left/driver side (LH) or the right/passenger side (RH). It will also show which end is the top of the tail light.



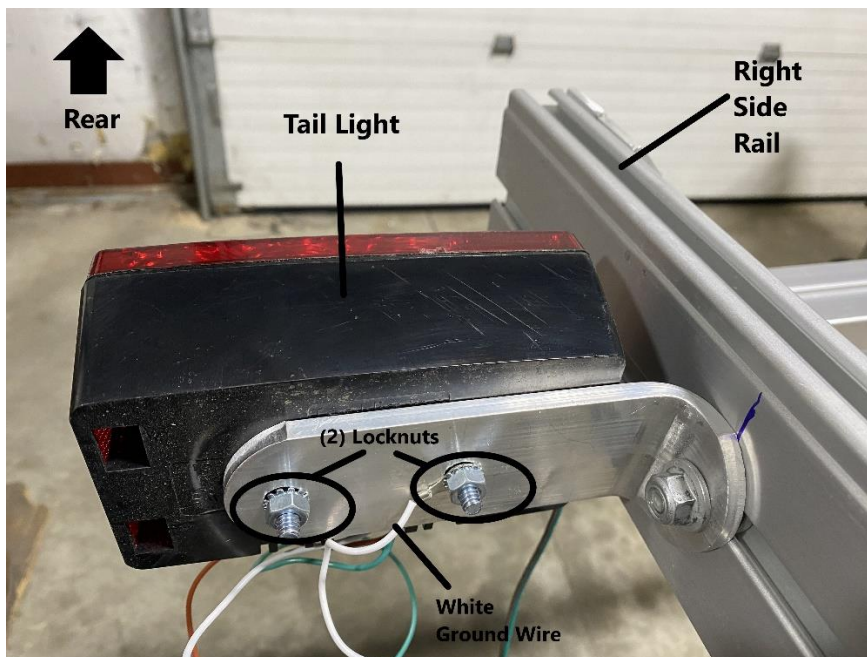
Locate the left/driver side (LH) tail light. Install the license plate bracket to the tail light as shown.



Install the tail light with license plate bracket to tail light bracket as shown. Make sure the tail light is installed on the correct side (LH tail light on left/driver's side) and the top side of the tail light is facing up.



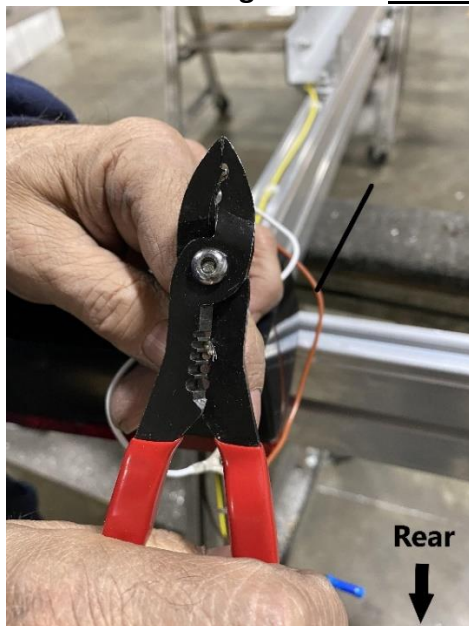
Install the white ground wire of the tail light to a carriage bolt as shown. Install (2) locknuts and tighten using a 9/16" wrench.



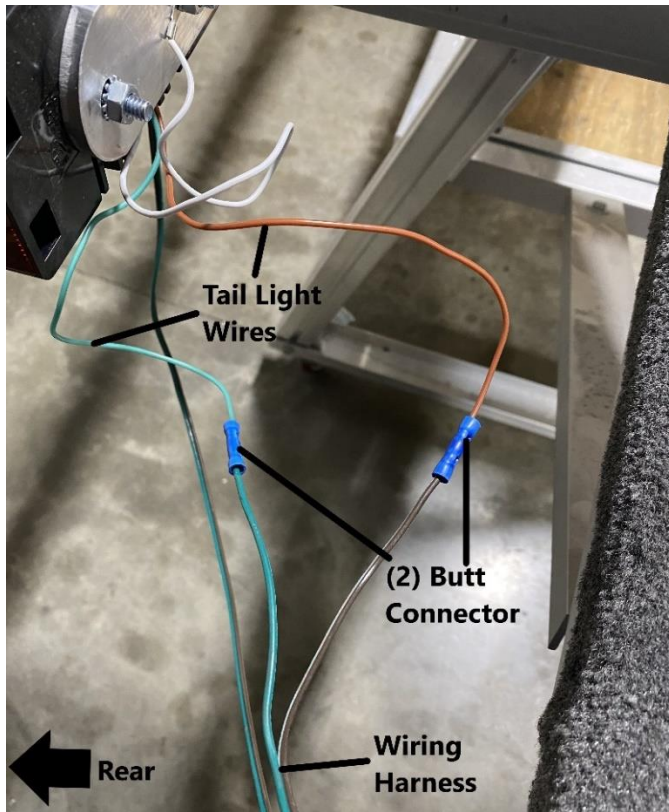
Repeat the process to install the right (RH) tail light to right/passenger side. Install the white ground wire to a carriage bolt as shown. Install (2) locknuts and tighten using a 9/16" wrench.



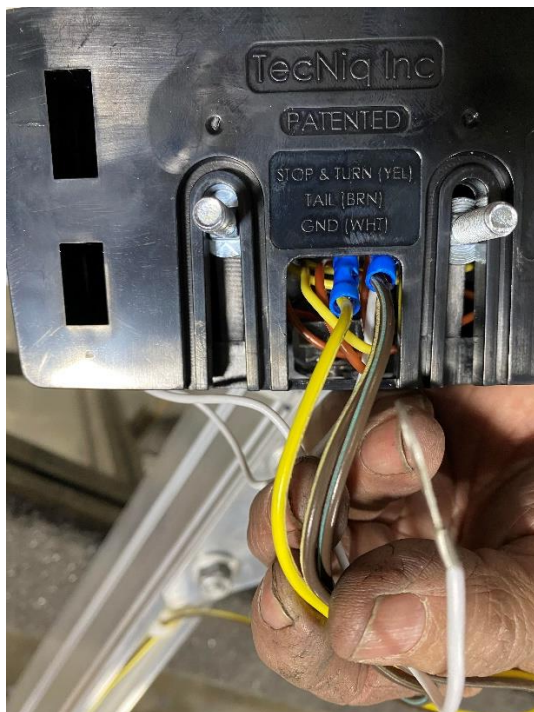
Locate the end of the wiring harness by rear crossmember. Use a utility knife to split the two wires of the wiring harness. Do not cut the wires. Repeat this process for the other side.



Use a pair of wire cutters to strip the ends of the (4) tail light wires and (4) harness wires. Do not strip the white ground wire.



Locate (2) butt connectors found in the LED Light Kit. Use the butt connectors to connect the wiring harness to the tail light wires. Crimp both ends of the butt connectors.



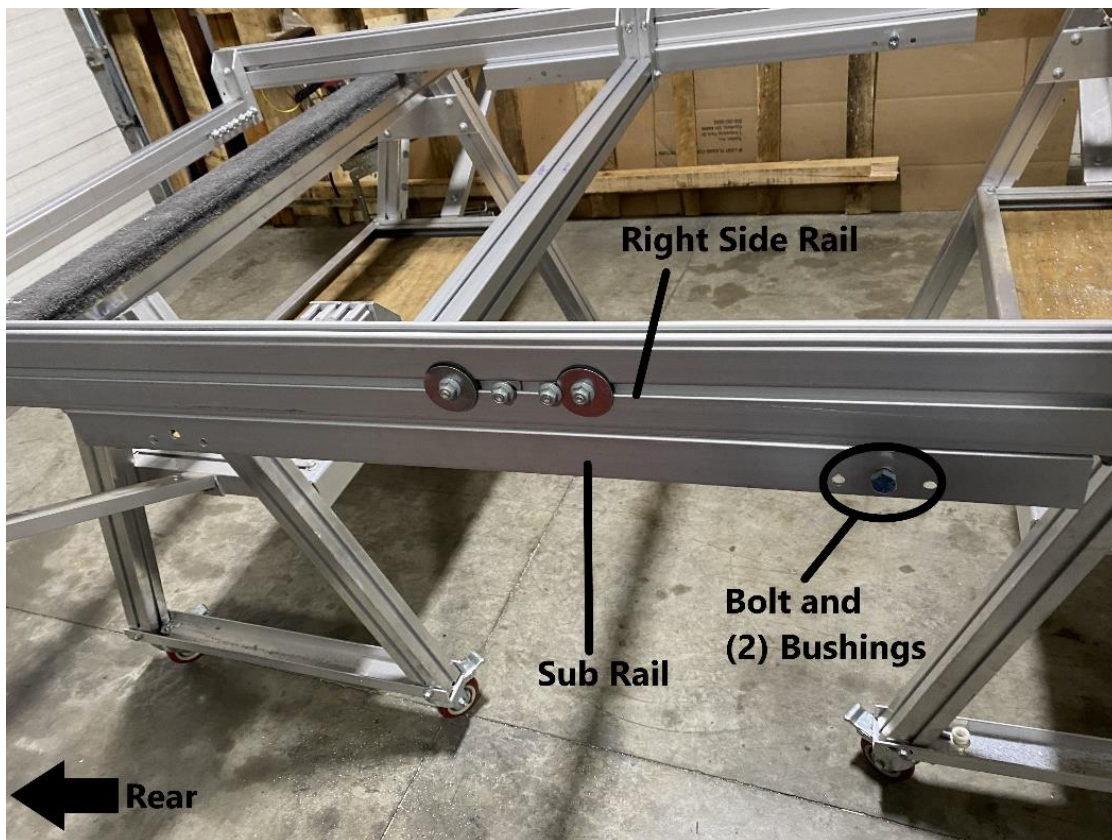
Excess wire can be placed inside the tail light.



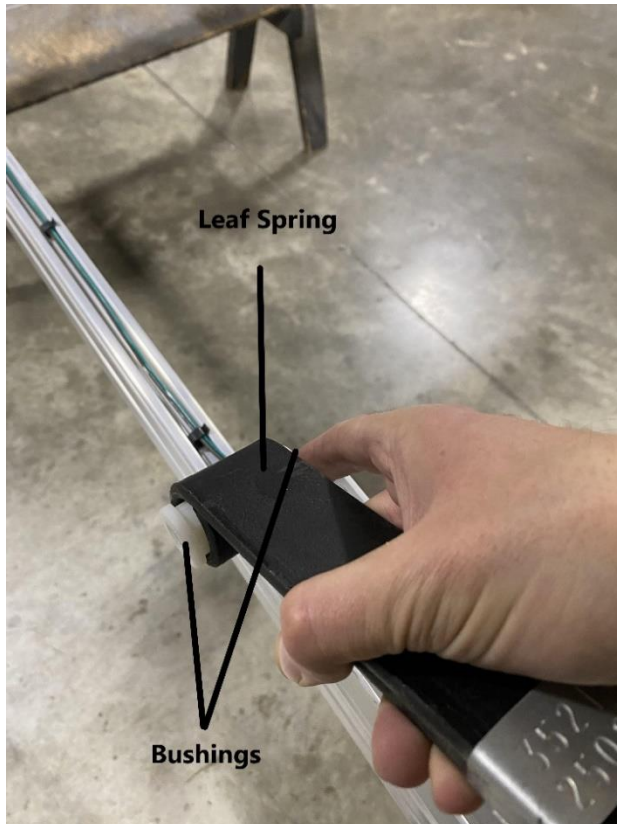
## Leaf Spring / Axle Installation



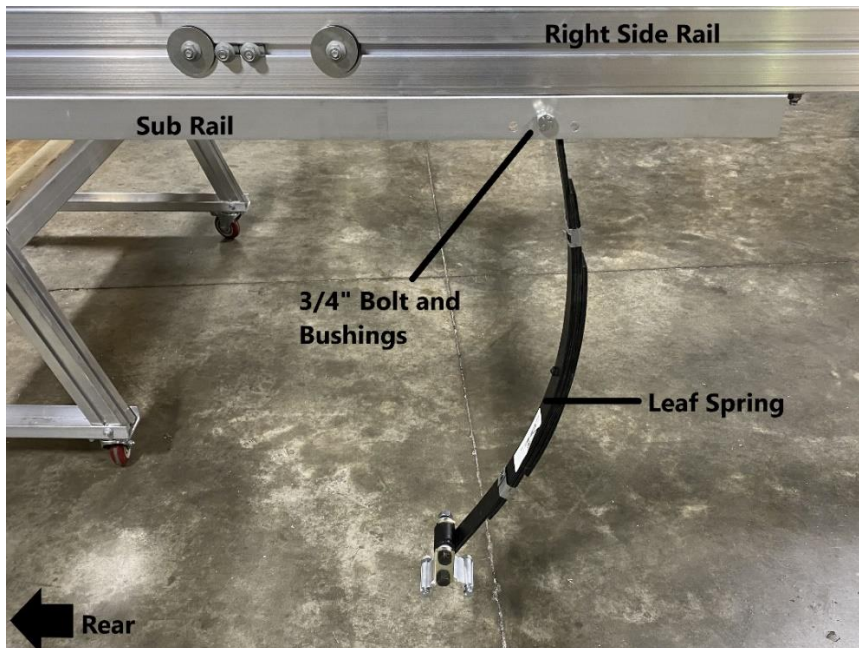
Locate the (2) leaf spring assemblies. Remove the plastic wrap.



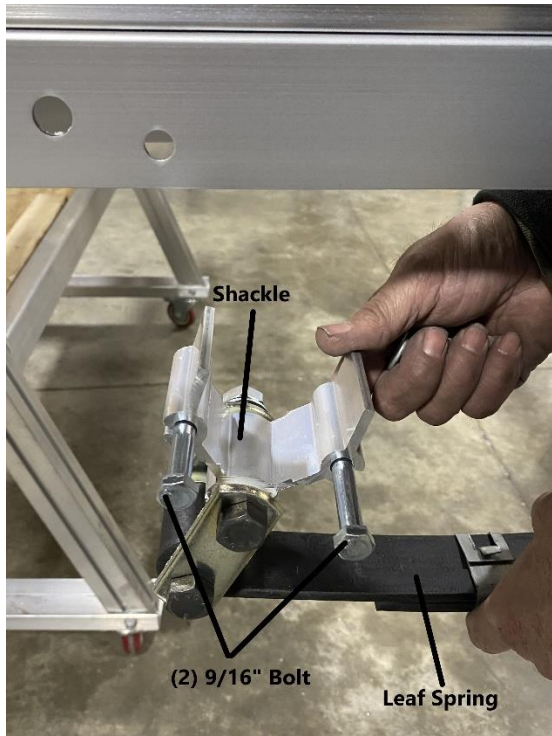
Locate the sub rail. The sub rail will already be installed on both the left and right side rails. Remove the bolt and (2) bushings shown using a  $\frac{3}{4}$ " ratchet and wrench.



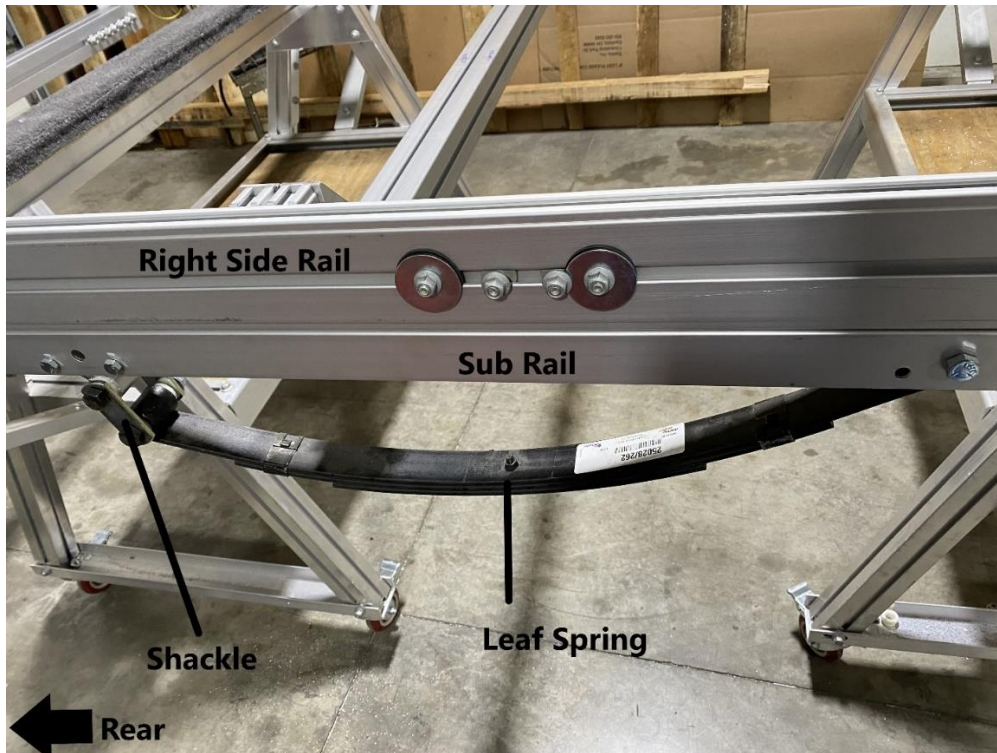
Insert the (2) nylon bushings into the leaf spring.



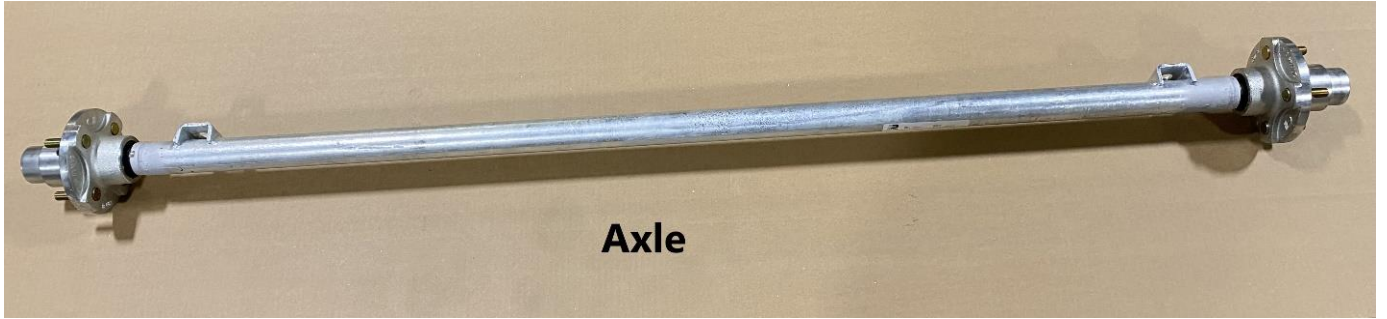
Install the leaf spring to the sub rail as shown. With the (2) bushings in the leaf spring, replace the  $\frac{3}{4}$ " bolt through the sub rail, bushings, and leaf spring. Replace the nut but do not fully tighten yet.



Remove the (2) 9/16" bolts from the shackle installed on the leaf spring.



Install the shackle of the leaf spring into the sub rail as shown. Replace the 9/16" bolts. Replace the nuts but do not fully tighten yet. Repeat this process to install a second leaf spring on the left side rail.



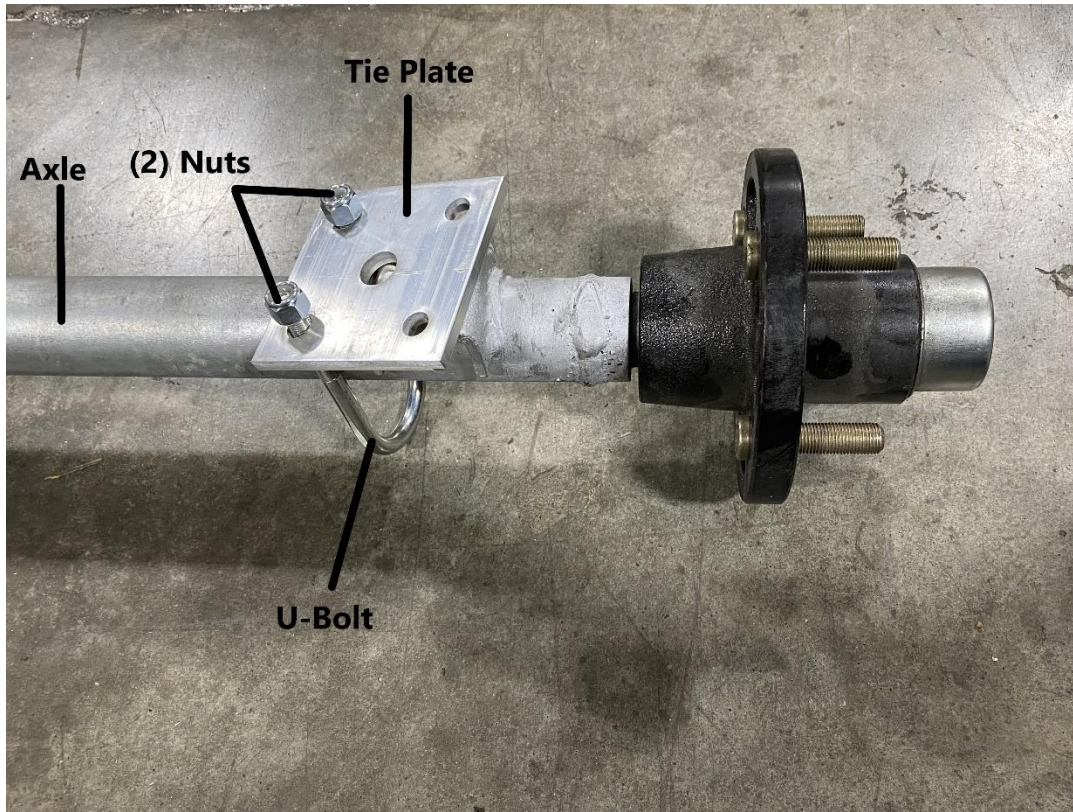
**Axle**

**Locate the axle.**



**U-Bolt Kit**

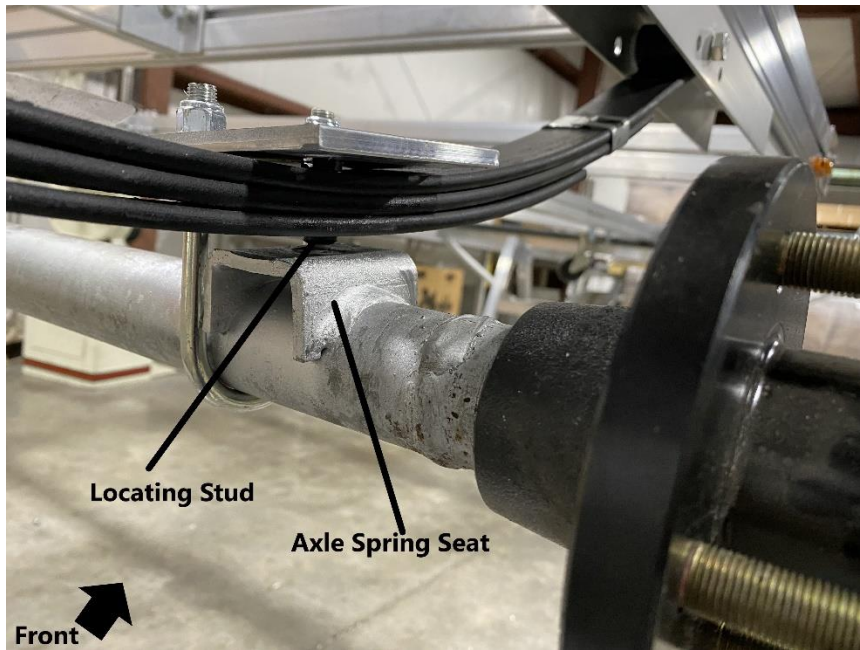
**Locate the U-Bolt kit.**



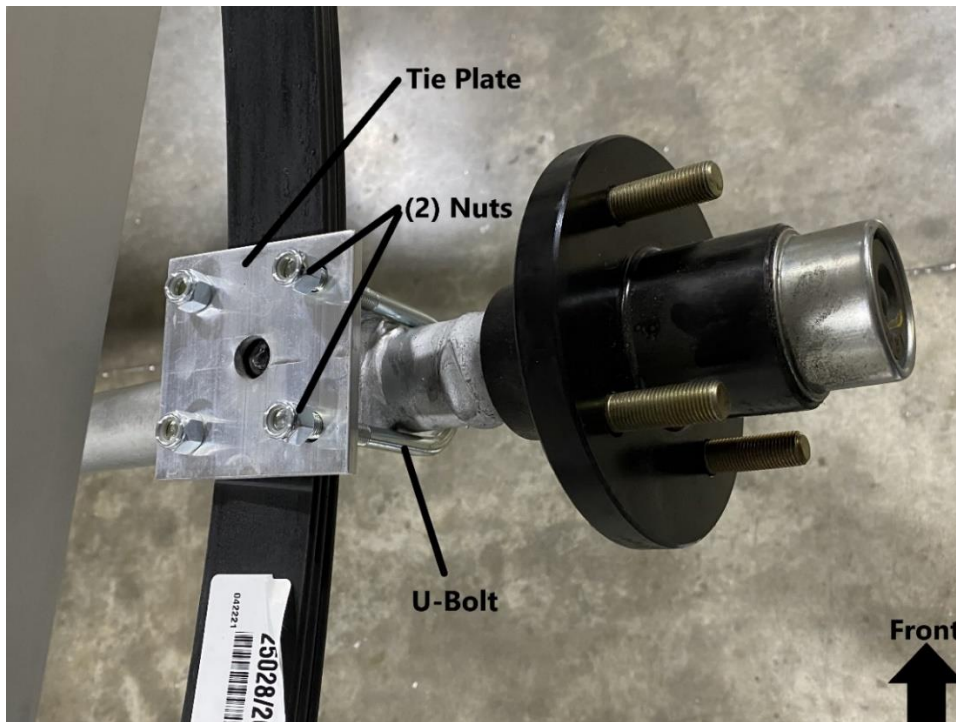
Install the Tie Plate and (1) U-Bolt to the axle as shown. Replace the nuts but do not tighten yet.



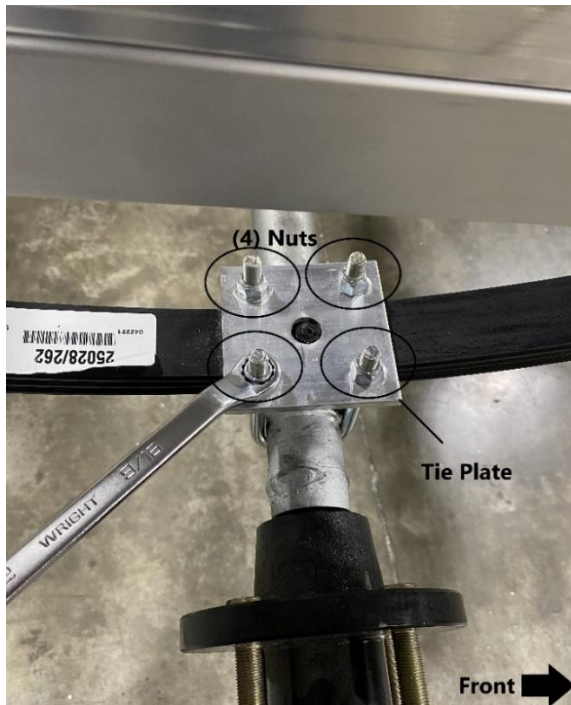
Install the axle to the leaf spring as shown. Slide the tie plate over the leaf spring until the center hole of the tie plate lines up with the locating stud of the leaf spring.



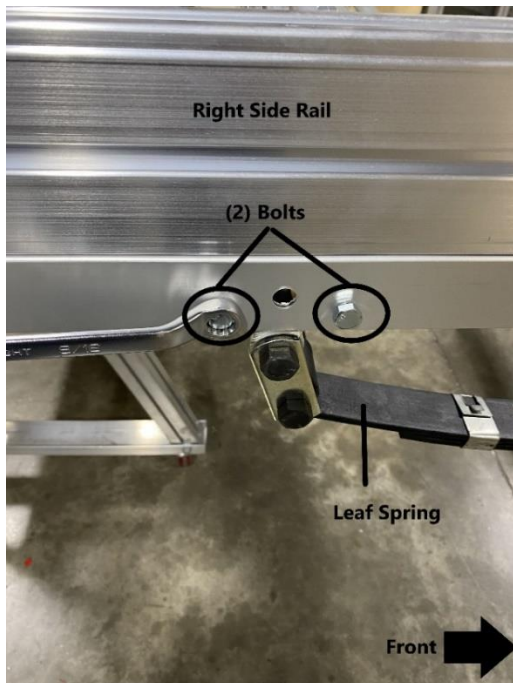
Place the locating stud of the leaf spring into the axle spring seat.



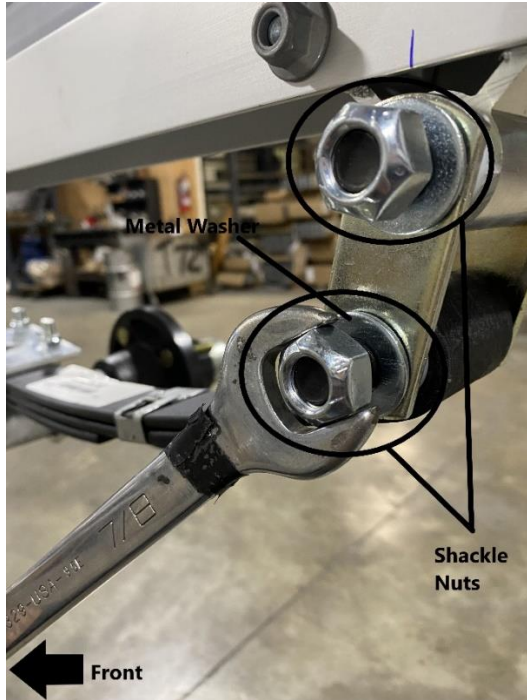
Install the second U-Bolt to the tie plate as shown. Replace the (2) nuts but do not fully tighten yet. Repeat this process to mount the axle to the leaf spring on the other side of the trailer.



Use a cross pattern to tighten the (4) nuts using a 9/16" wrench. Repeat this process for this other side.



With the axle now installed the bolts of the leaf spring will now need to be tightened. Tighten the (2) bolts shown using a 9/16" ratchet and wrench. Repeat this process for the other side.



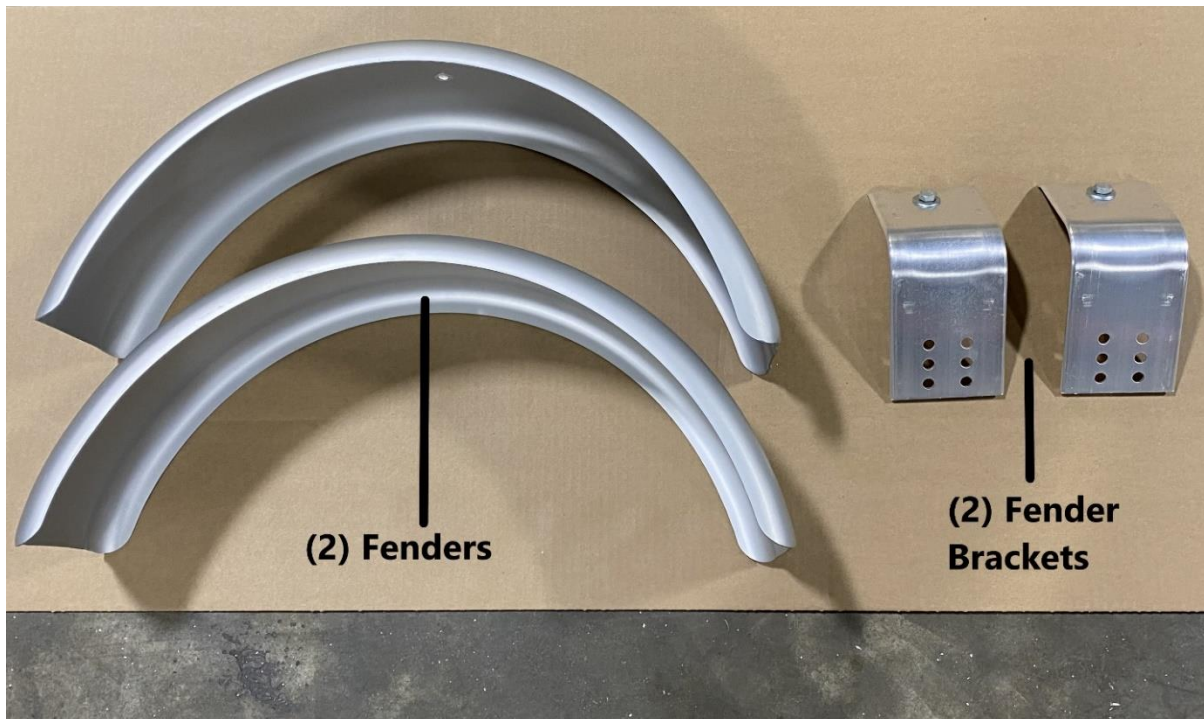
Tighten the rear shackle nuts with 7/8" ratchet and wrench. Ensure that the metal washers are not moving. However, do not over tighten as this will not allow the suspension to move properly. Repeat this process for the other side.



At this point the trailer will look like this.



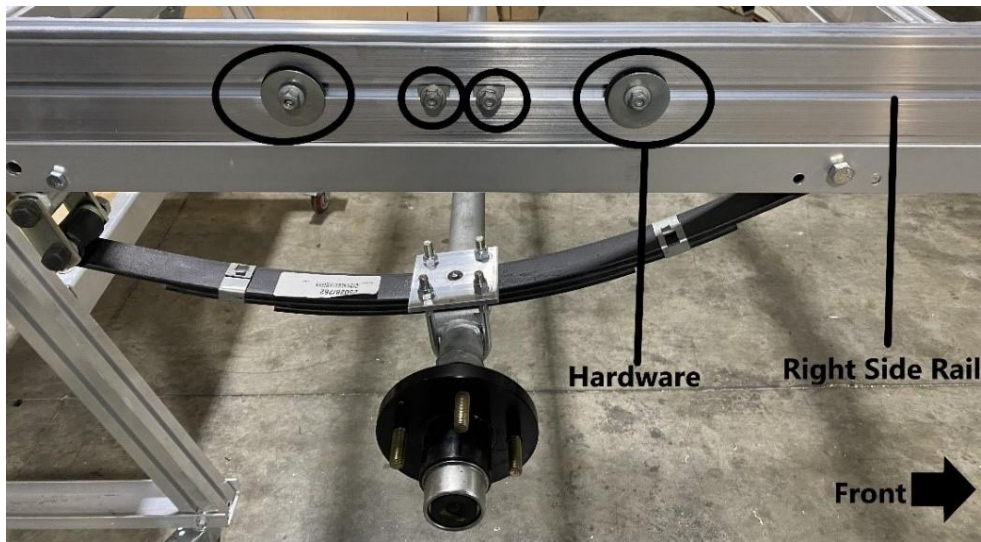
## Fender Installation



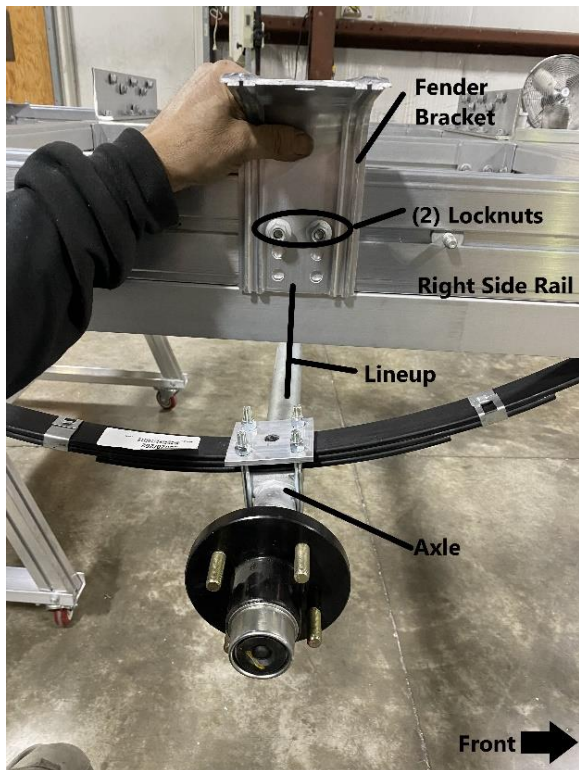
Locate (2) fenders and (2) fender brackets.



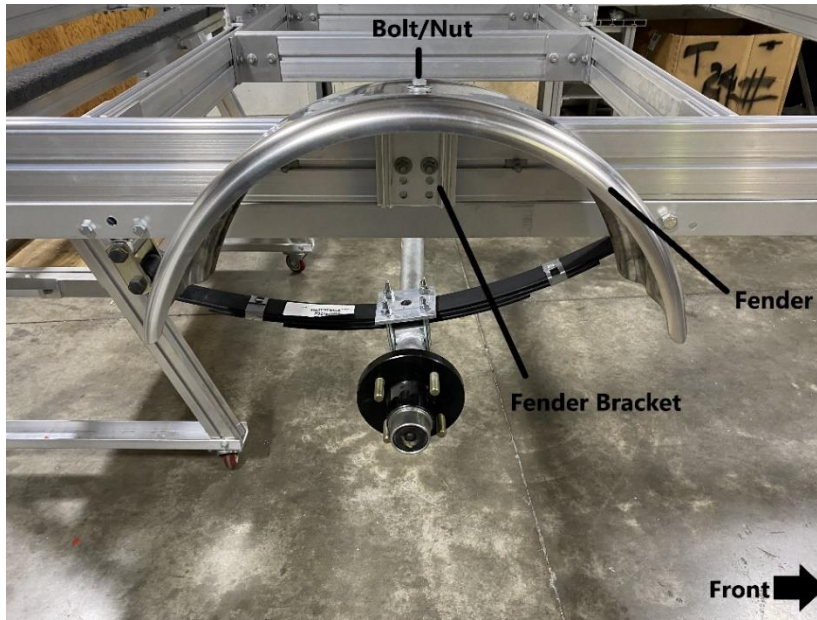
The (2) fender brackets will have a T-Bolt and locknut installed. Remove the T-bolt and locknut from both fender brackets using a 9/16" wrench.



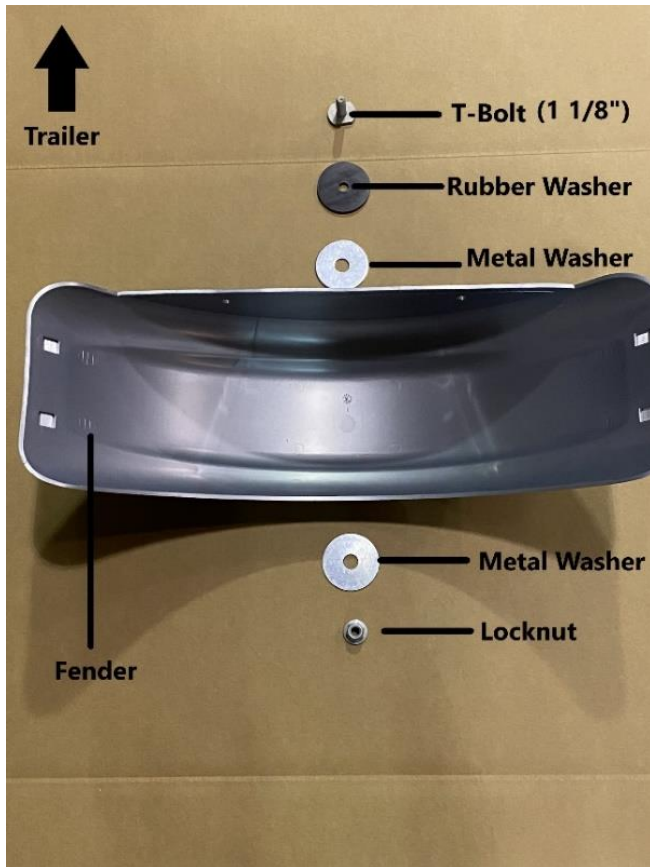
Remove all the hardware from the right side rail using a 9/16" wrench. This will leave 4 T-Bolts in the right side rail.



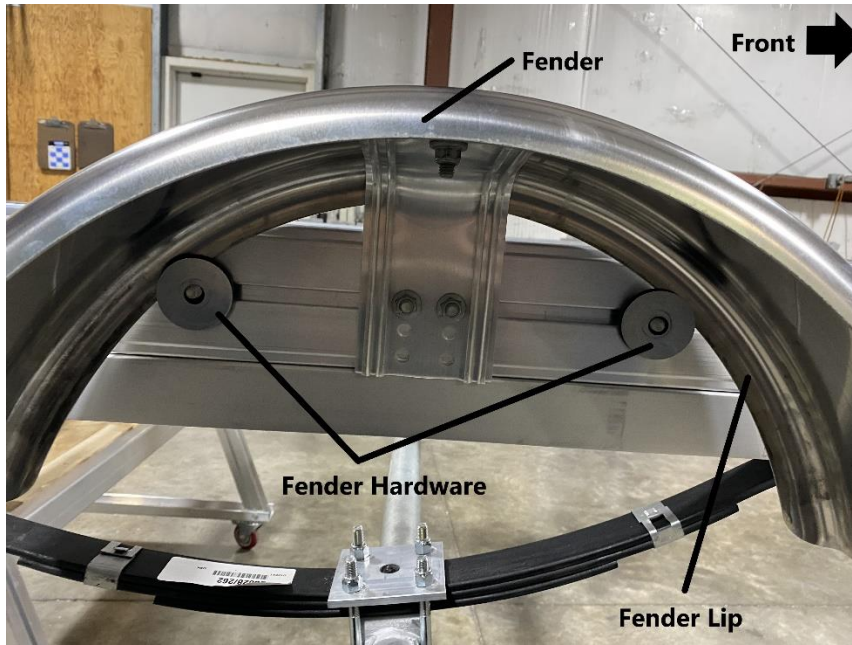
Install the fender bracket to the right side rail as shown. Use the (2) center T-bolts to install the fender bracket to the right side rail. Lineup the center of the fender bracket to the axle. Replace the locknuts and tighten using a 9/16" wrench.



Install the fender to the fender bracket as shown. Replace the bolt and nut that was previously installed on the fender bracket. Tighten using a 9/16" wrench. Do not overtighten as this will damage the fender.



Note the ordering of the parts in the above picture.

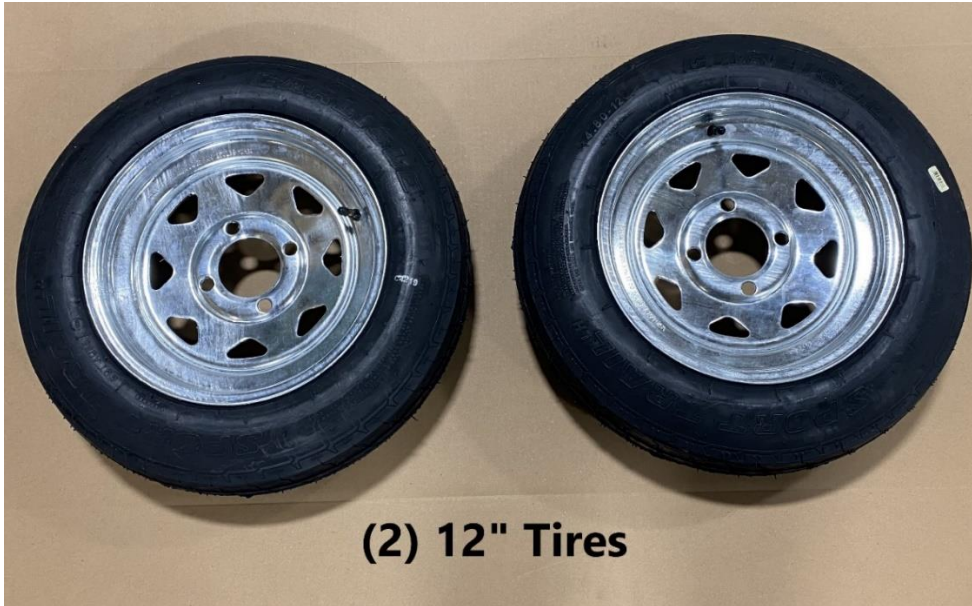


**Install the fender hardware as shown, placing a rubber and metal washer behind the fender lip, then a metal washer and locknut in front of the fender lip. Tighten the locknut using a 9/16" wrench. Repeat this process to install both fenders.**

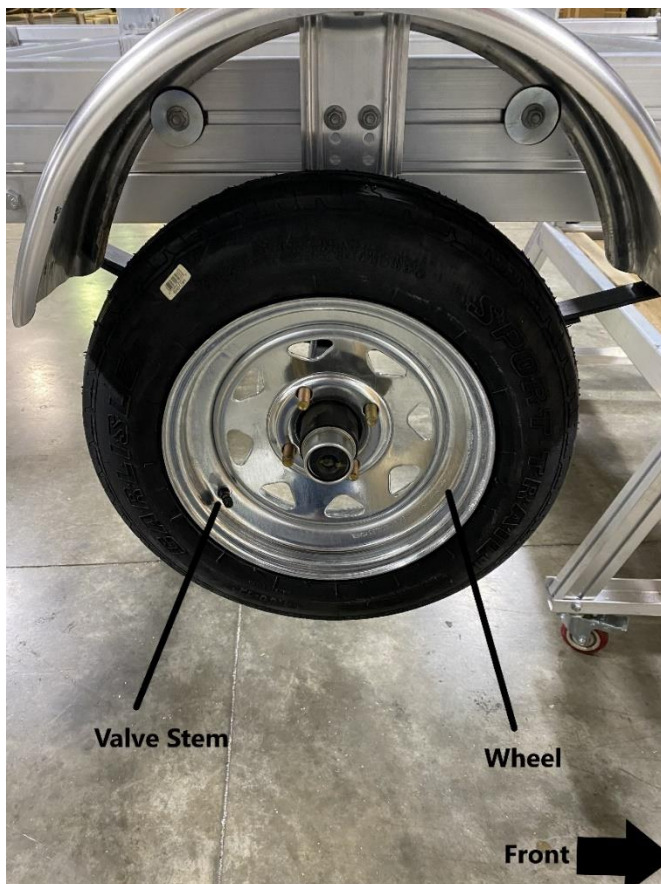


**At this point the trailer will look like this.**

## Tire Installation



Locate (2) 12" Tires.



Install the wheel with the valve stems facing out.



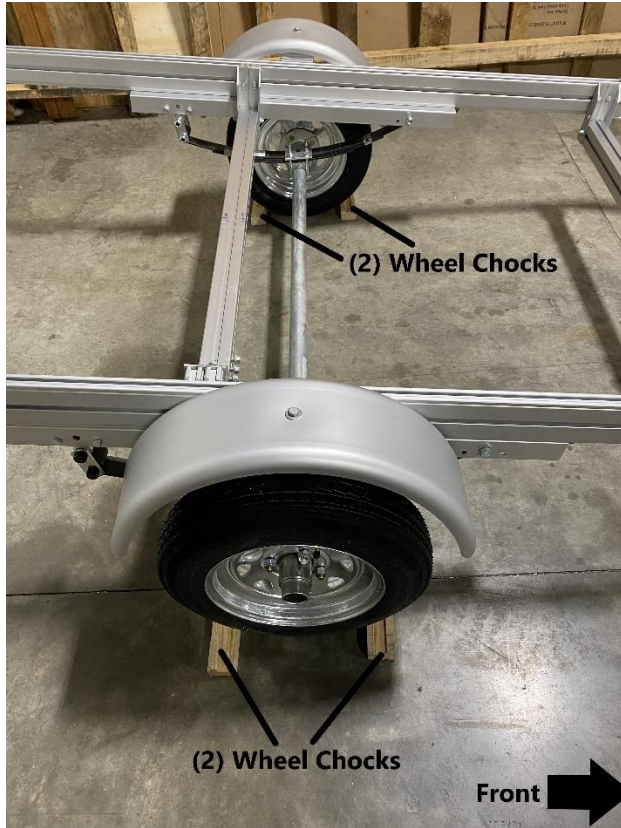
**Locate the (8) lug nuts found in the U-Bolt kit.**



**Install the lug nuts with the tapered side facing the wheel. Note that the lug nuts will be torqued later in the assembly.**



**The trailer can now be removed from the saw horses. At least two people will be necessary.**



Place (4) wheel chocks as shown, (2) on each tire.



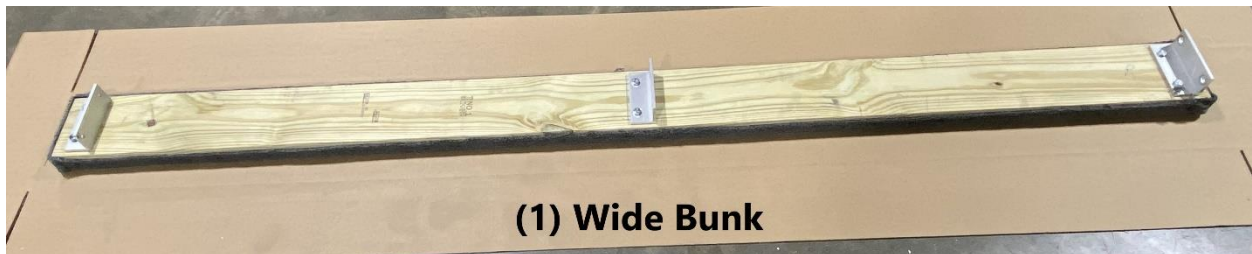
Torque the lug nuts to 80 foot pounds using a X pattern. Repeat the process for the other tire. Note that after 20 miles the lug nuts will need to be re-torqued to 80 foot pounds.



## Bunk Installation



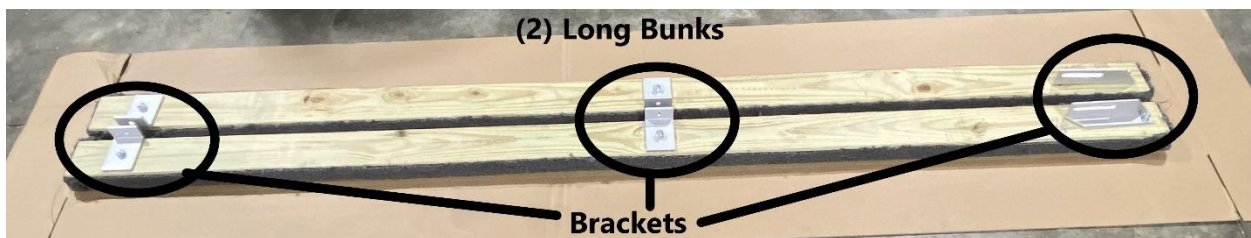
Locate the (6) T-Bolts shown in the above picture. These will be the center T-Bolts installed on each crossmember. Remove the (6) locknuts using a 9/16" wrench.



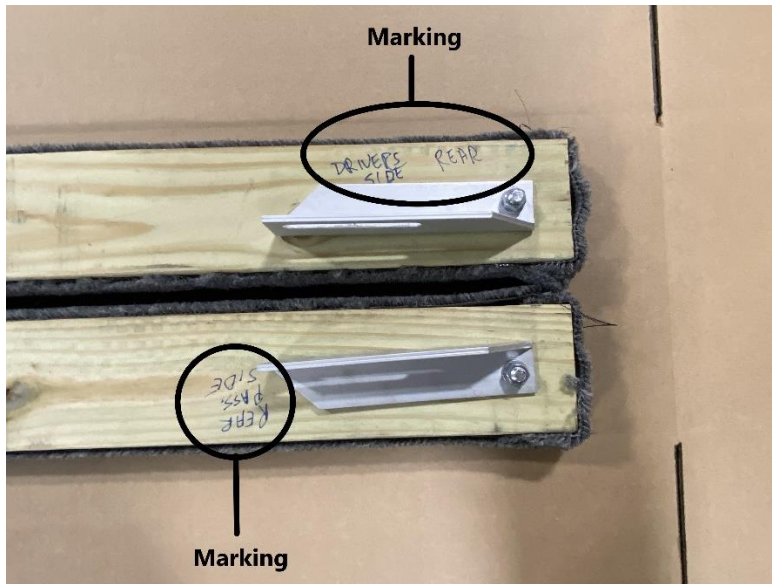
Locate the wide bunk. The wide bunk will have brackets installed on the bottom.



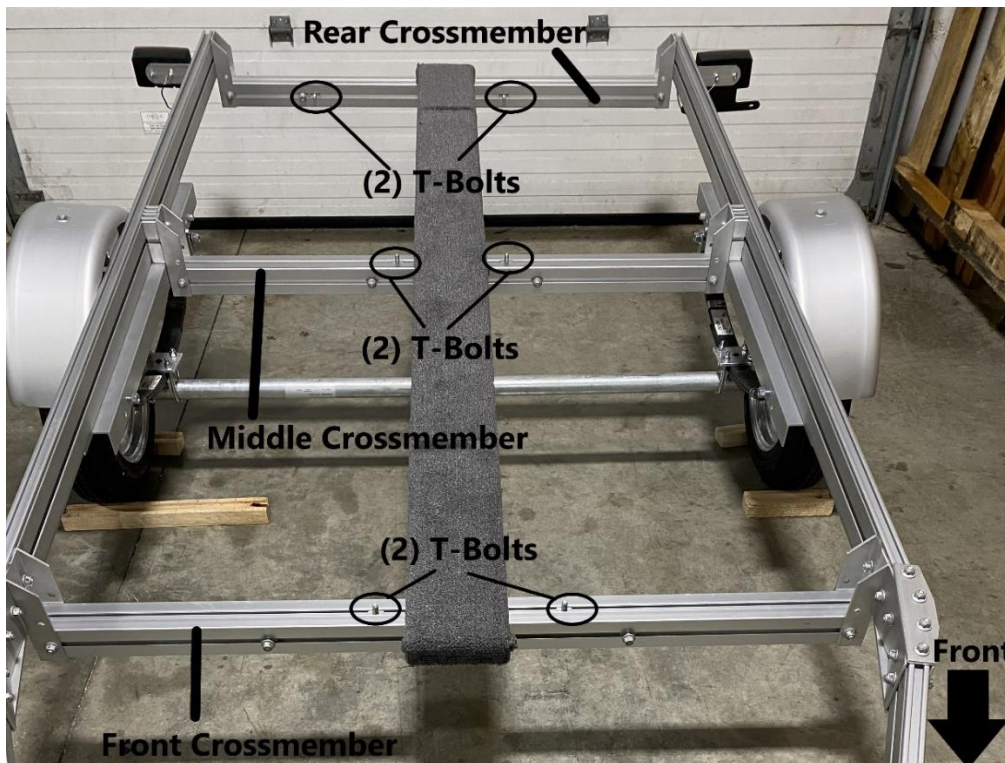
Using the brackets on the wide bunk, install the wide bunk to the center T-bolts as shown. Replace the (6) locknuts and tighten using 9/16" wrench.



Locate the (2) long bunks in the above picture. Note the brackets installed.



The (2) long bunks will have markings on the back of the bunk. This will show which side of the trailer the bunks will be installed.



Locate (6) T-Bolts shown in the above picture. Remove the (6) locknuts using a 9/16" wrench. Note that the T-bolts on the front and middle crossmembers will be located on the top of each crossmember. The rear crossmember T-bolts will be located on the side of the crossmember.



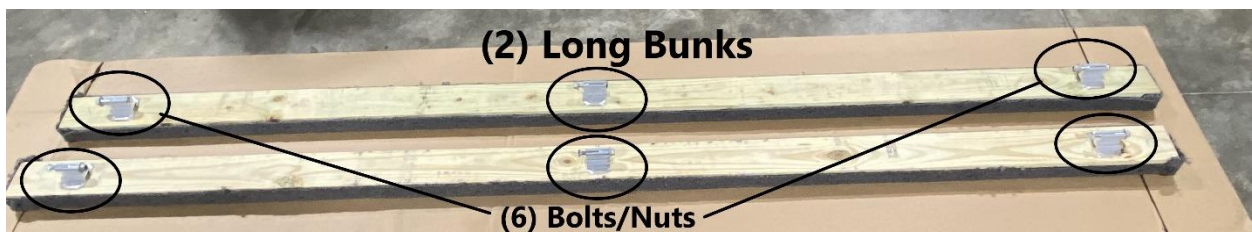
Install the long bunks as shown, noting the markings on each long bunk. Make sure that the carpeted side of each long bunk is facing the wide bunk. Replace the (6) locknuts and tighten using a 9/16" wrench.



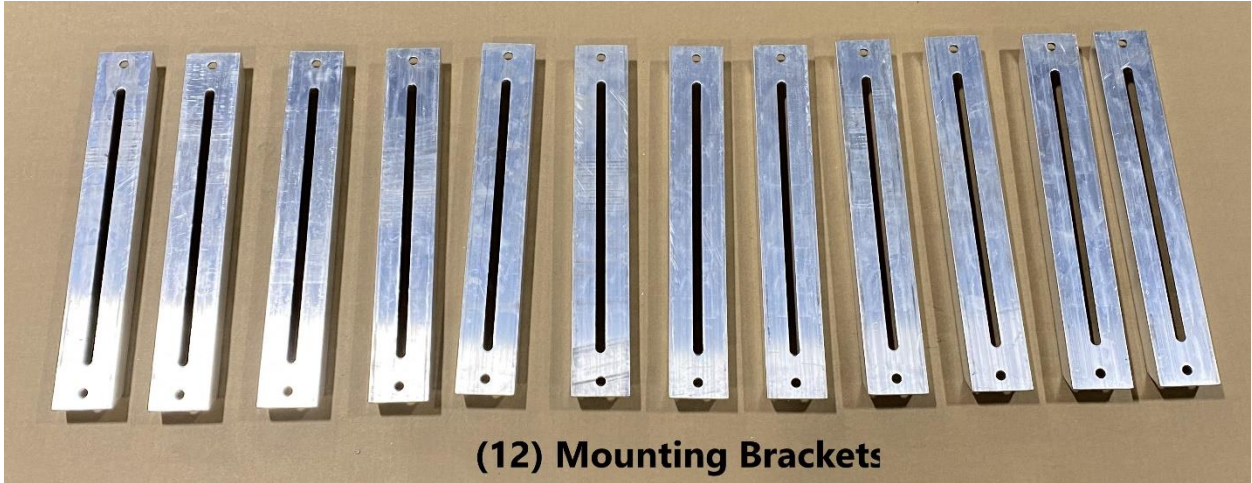
Locate the (2) remaining long bunks.



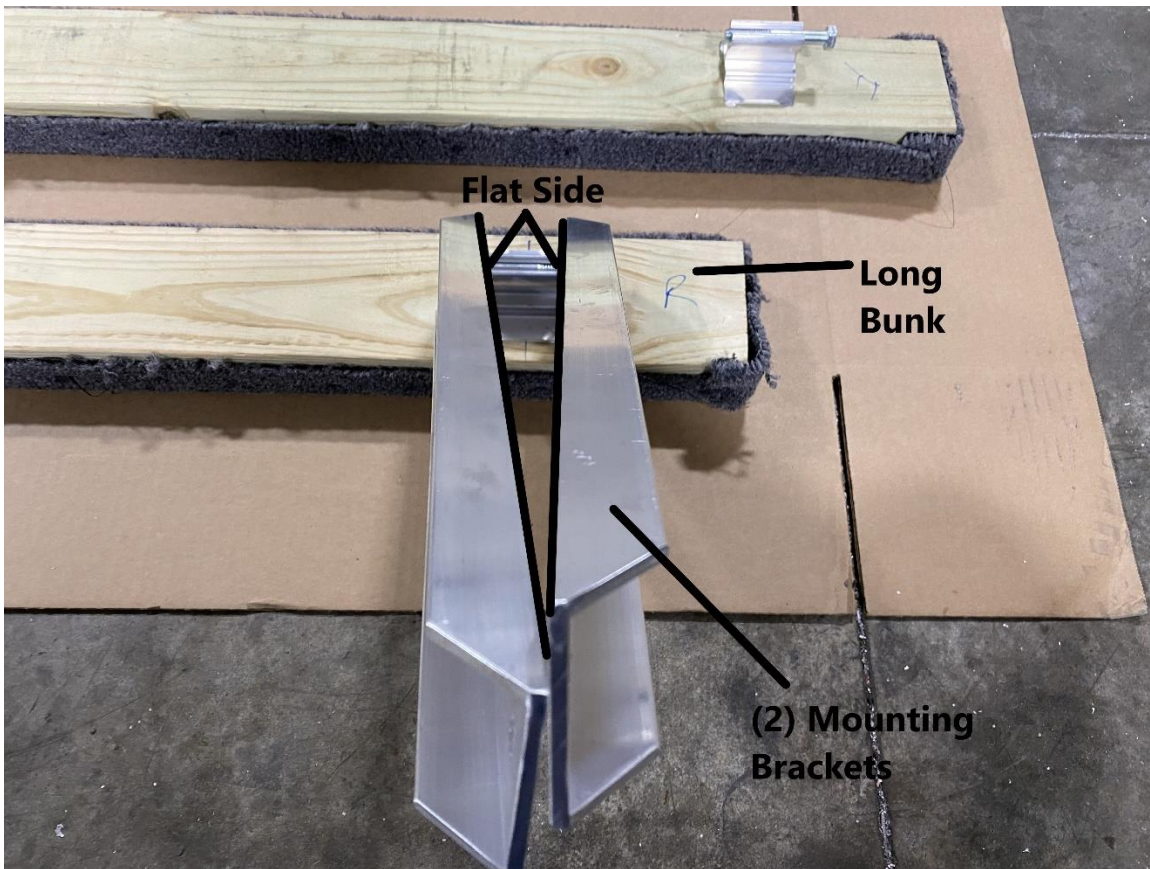
Note the markings on the (2) long bunks. "F" stands for the front of the trailer, while "R" stands for the rear of the trailer.



Remove the (6) bolts and nuts using a 9/16" wrench.



Locate the (12) mounting brackets.



Install (2) mounting brackets as shown to a long bunk. Note that the flat side of the mounting bracket should be facing towards the inside of the long bunk. Replace the bolt and nut but do not fully tighten yet.



Repeat this process to install all (12) mounting brackets to the long bunks.

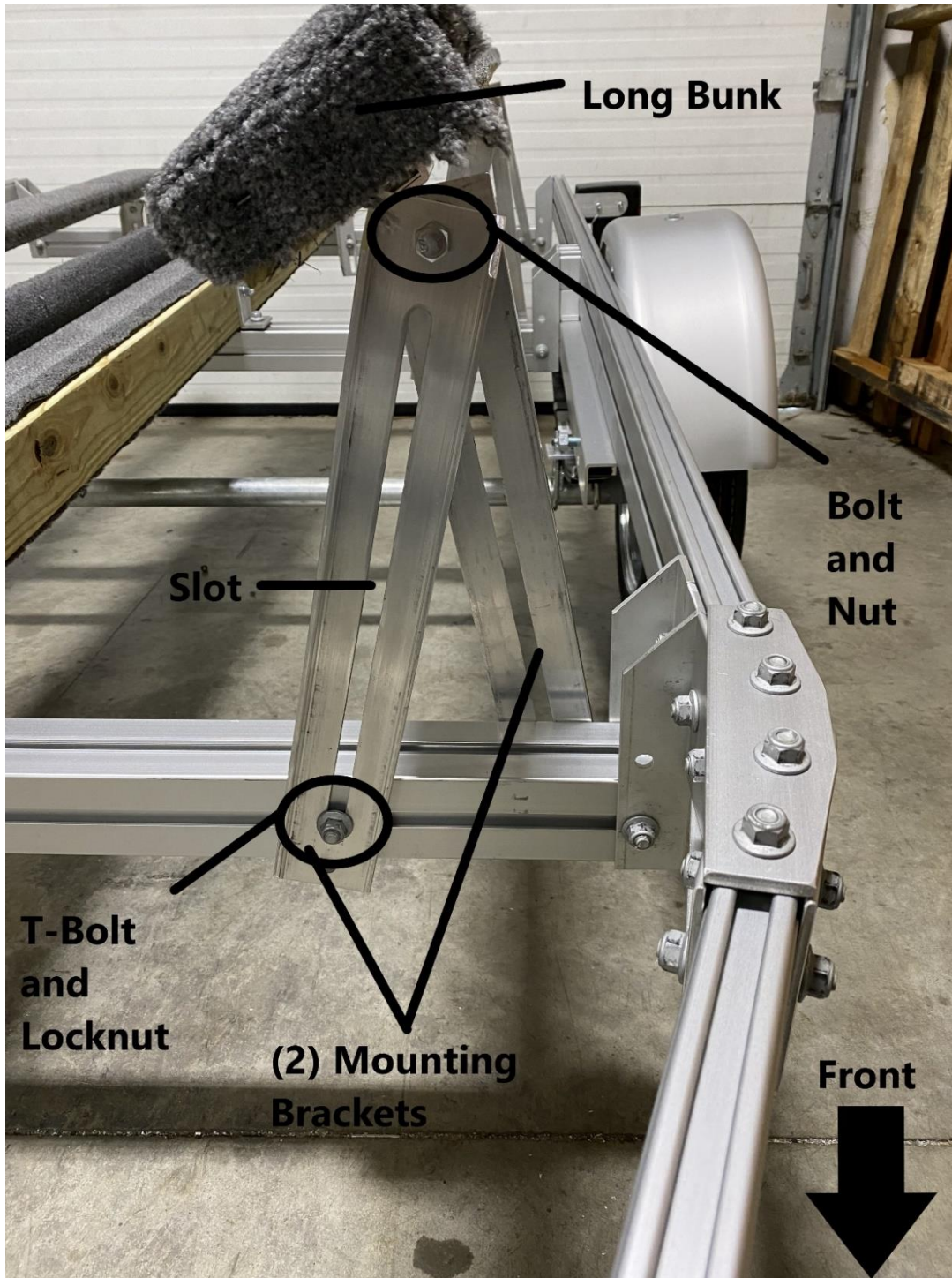


The trailer will now have (12) T-bolts remaining, 4 on each crossmember. Remove the (12) locknuts using a 9/16" wrench.



Install the (2) long bunks as shown, placing a mounting bracket on each side of the front, middle and rear crossmembers. Place the (12) T-Bolts installed on the crossmembers into the slot of each mounting bracket. Replace the (12) locknuts but do not fully tighten yet.



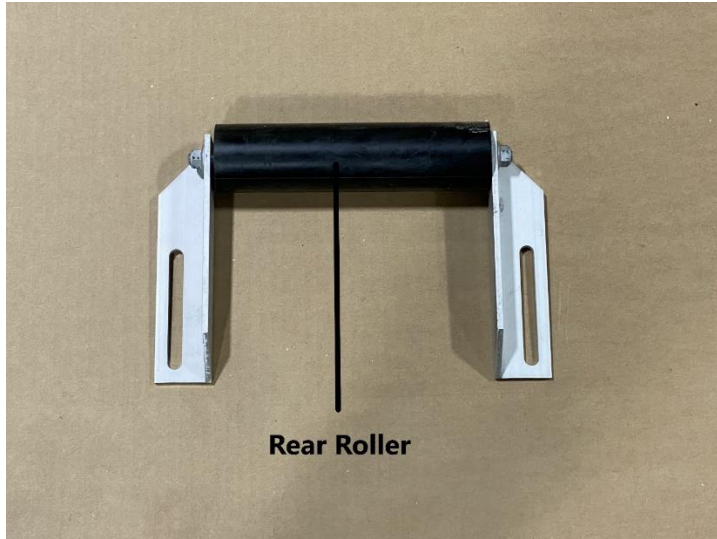


The mounting brackets will now need to be raised until the T-bolts are at the bottom of the slot of the mounting brackets. The mounting brackets will also need to be in a crossing pattern, so that the long bunk is tilted towards the inside of the trailer. Once the brackets are in the correct position, tighten the (2) locknuts using a 9/16" wrench. Once the bunk is in the correct position, tighten the bolt connecting the long bunk to the mounting brackets using a 9/16" wrench.

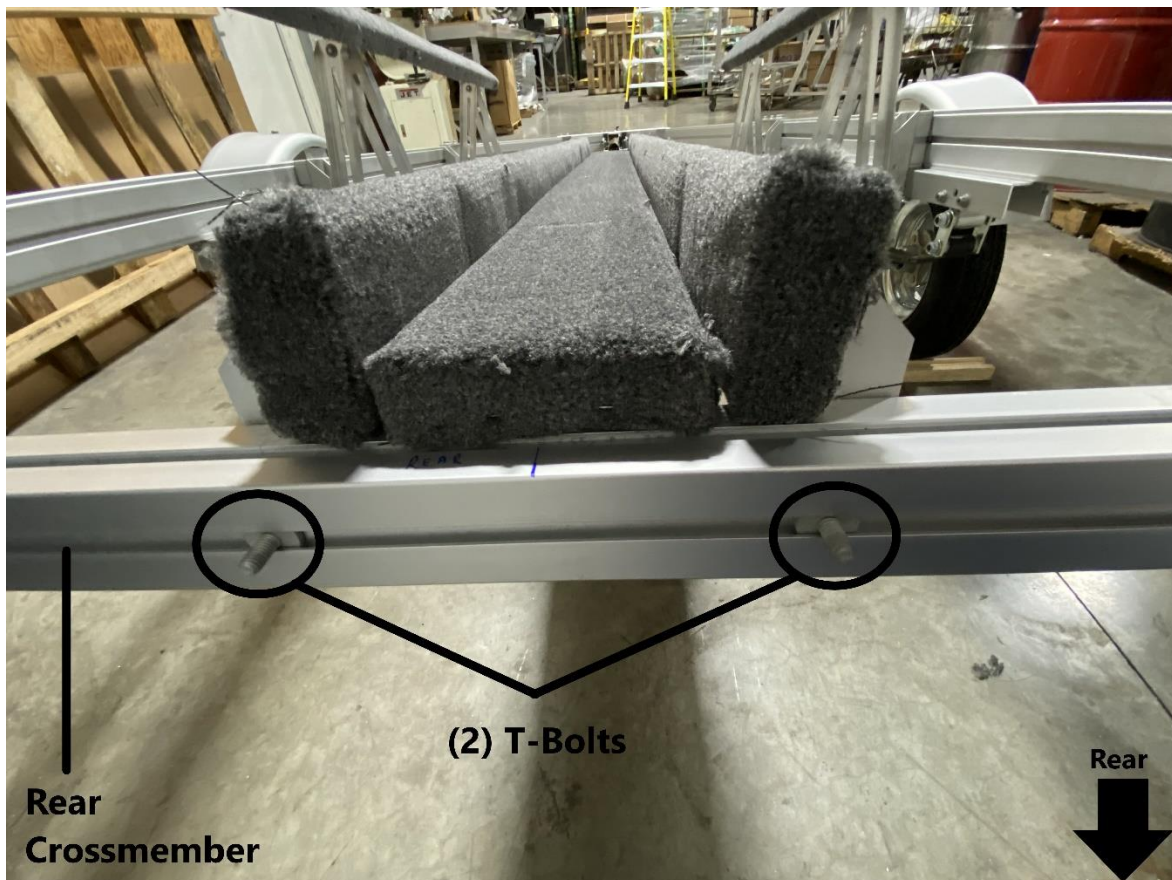


**Repeat this process until all the mounting brackets have been raised and tilted toward the inside of the trailer. When complete, the trailer will look like this.**

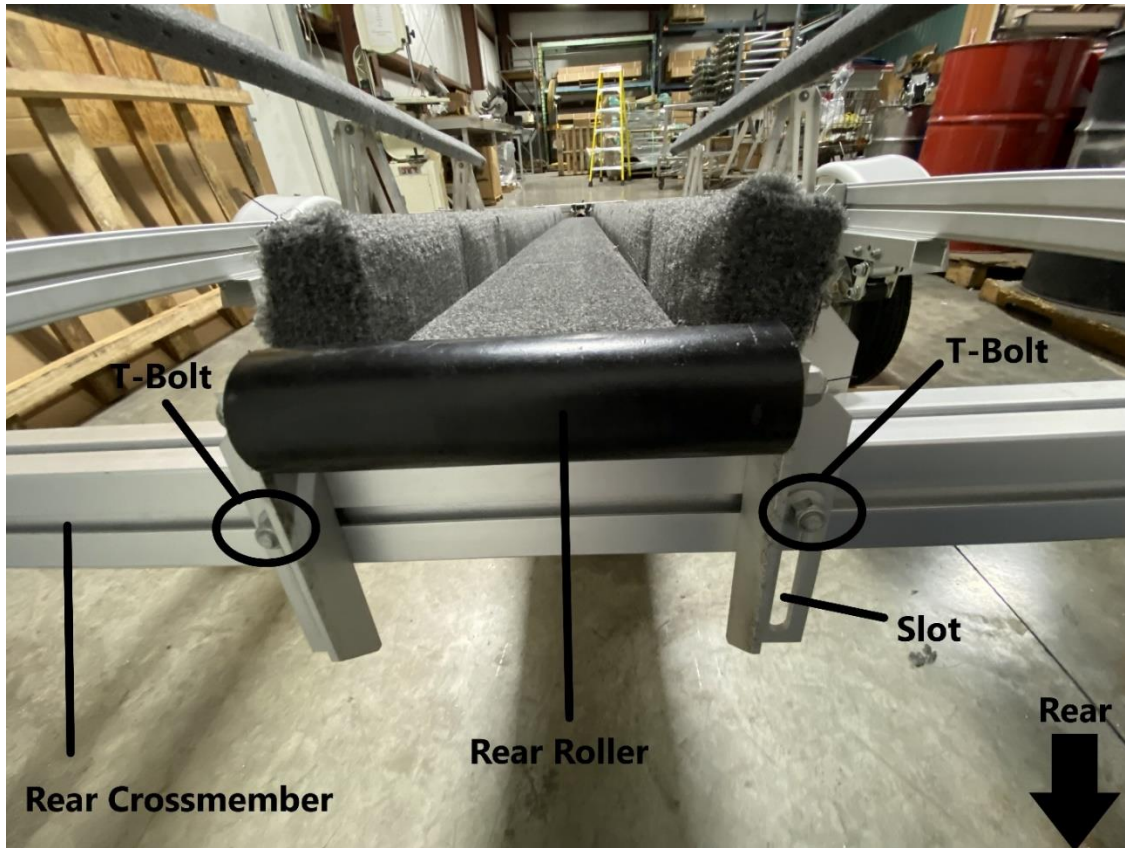
## Roll and Winch Installation



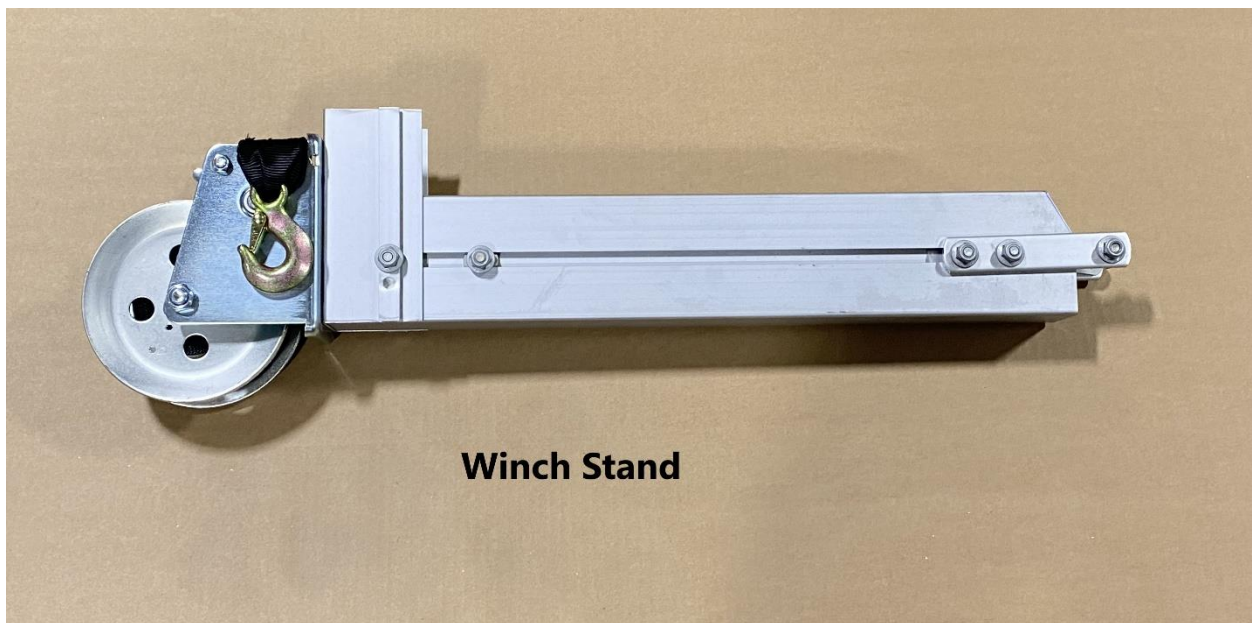
Locate the rear roller.



Locate the (2) T-Bolts installed on the rear crossmember. Remove the locknuts using a 9/16" wrench.



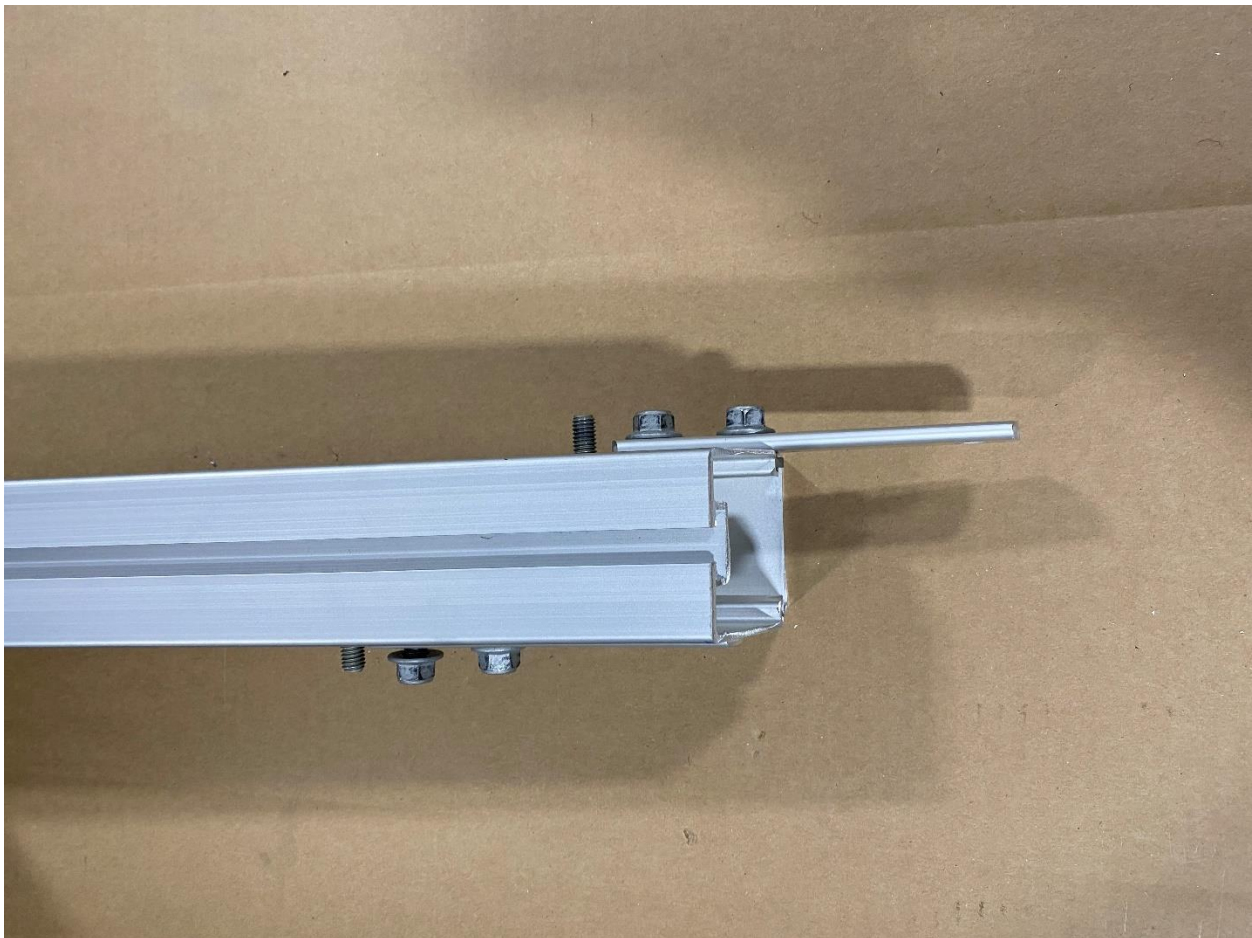
Install the rear roller as shown, positioning the T-Bolts on the top of the side slots of the rear roller. Replace the (2) locknuts and tighten using a 9/16" wrench.



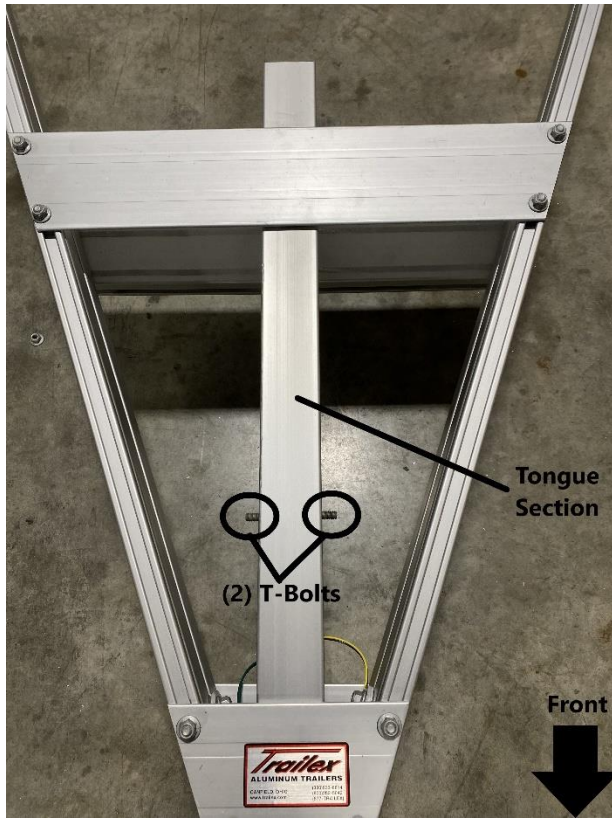
Locate the winch stand.



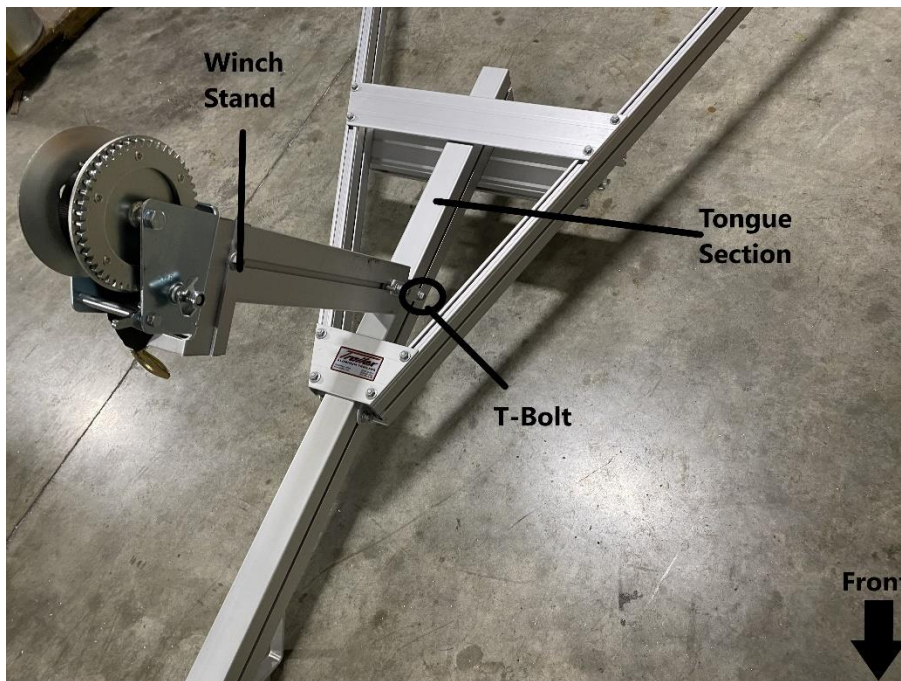
**Locate the left / driver's side bracket on the winch stand.**



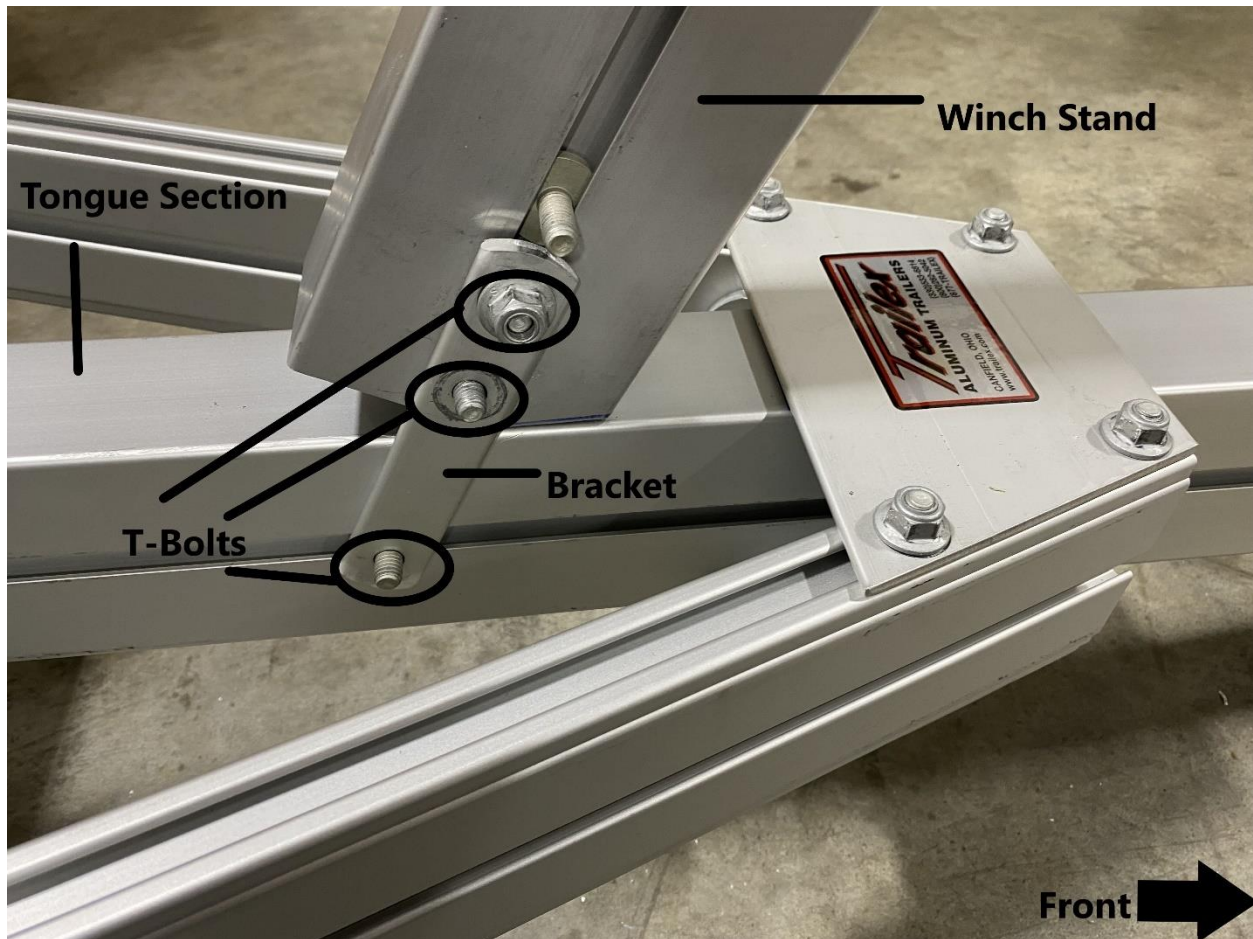
**Remove the bracket using a 9/16" wrench. Replace the locknuts and tighten.**



Locate the (2) T-Bolts installed on the tongue section. Remove the (2) locknuts using a 9/16" wrench.



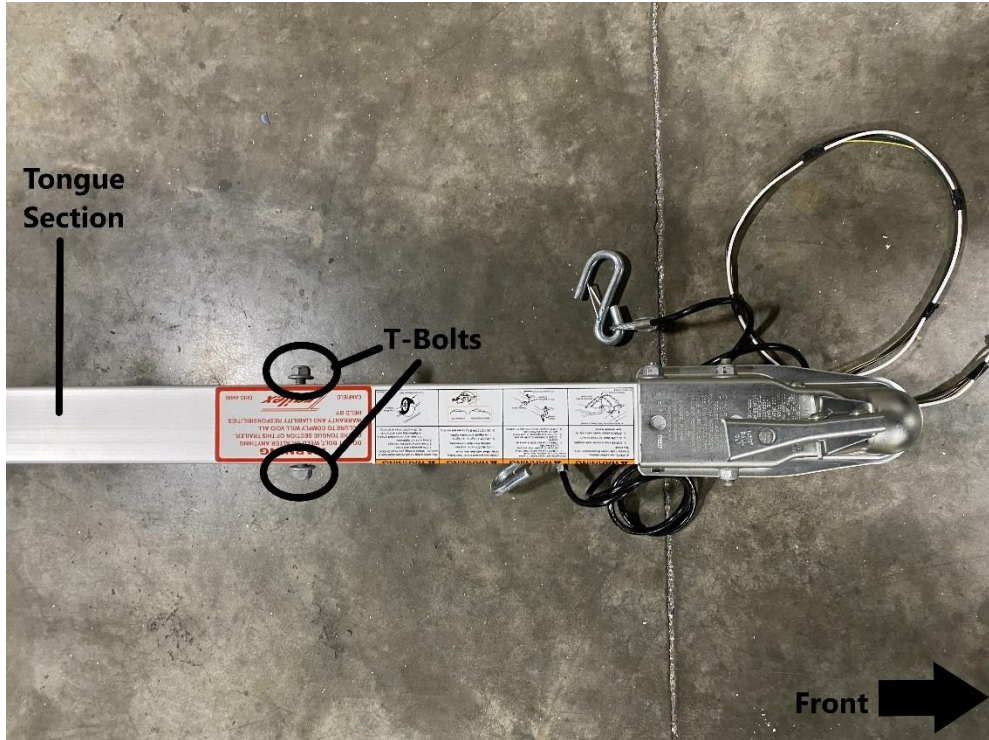
Install the winch stand to the trailer as shown, using the T-Bolt installed on the tongue section. Replace the locknut and tighten using a 9/16" wrench.



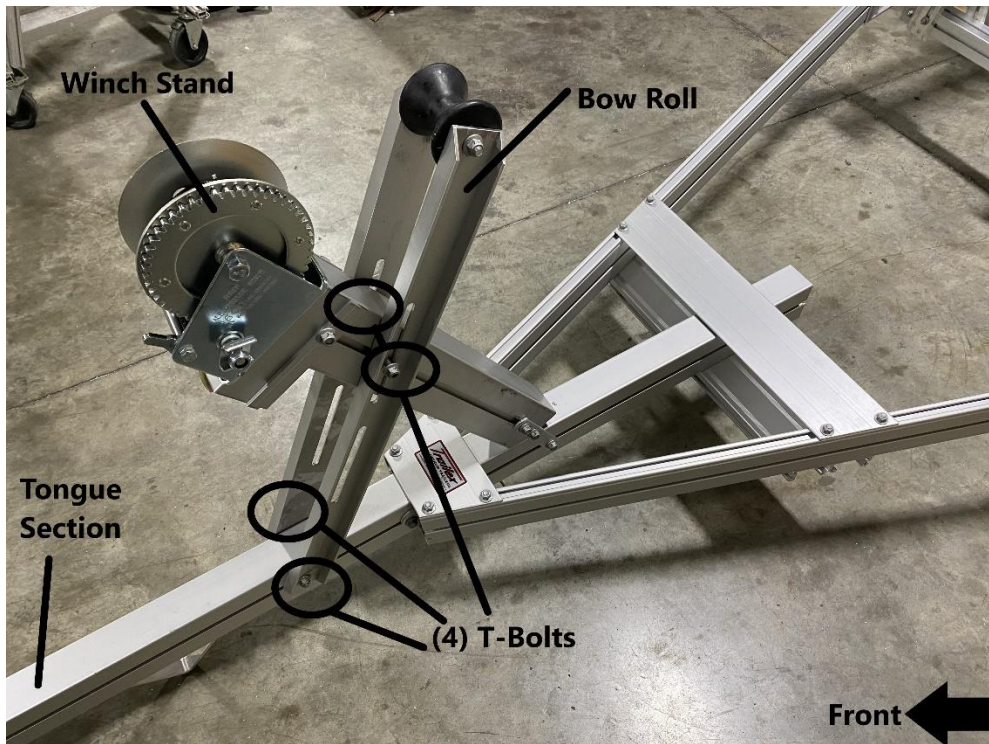
The removed bracket will now need to be reinstalled on the passenger side of the trailer. Remove the (2) locknuts from the T-Bolts installed on the winch stand. Replace the bracket using (3) T-bolts, (2) installed on the winch stand and (1) installed on the tongue section. Replace the (3) locknuts and tighten using a 9/16" wrench.



Locate the bow roll.



Locate the (2) T-Bolts installed on the tongue section. Remove the locknuts using a 9/16" wrench.

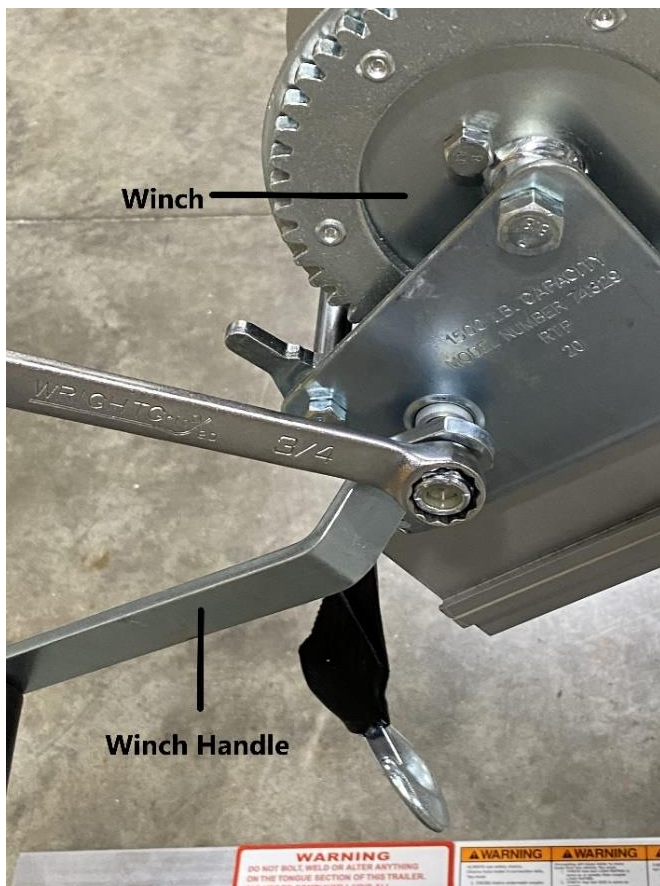


Install the bow roll as shown, using the (2) T-Bolts on the tongue section and (2) T-Bolts on the winch stand. Replace the (4) locknuts and tighten using a 9/16" wrench.





Locate the winch handle.



Install the winch handle as shown. Remove the nut on the winch using a  $\frac{3}{4}$ " wrench. Install the handle, replace the nut and tighten.



*Trailer shown with parking jack and spare tire carrier option.*

**The trailer is now assembled. Connect the flat four prong harness to the tow vehicle and confirm that all lights are in working order. Connect the safety cables to the tow vehicle in a crossing pattern. Connect the coupler to the hitch ball and confirm that the size of the coupler matches the hitch ball. Use a lock to confirm the coupler is locked in place. Torque the lug nuts after 20 miles to 80 foot pounds.**

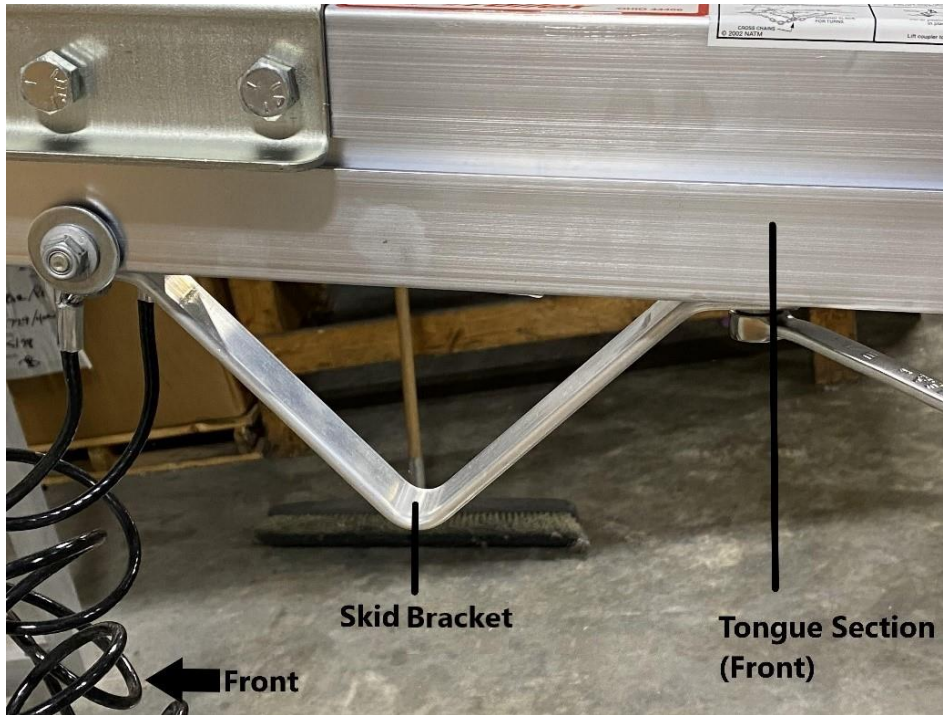
## 5-215 – SPARE TIRE CARRIER OPTION



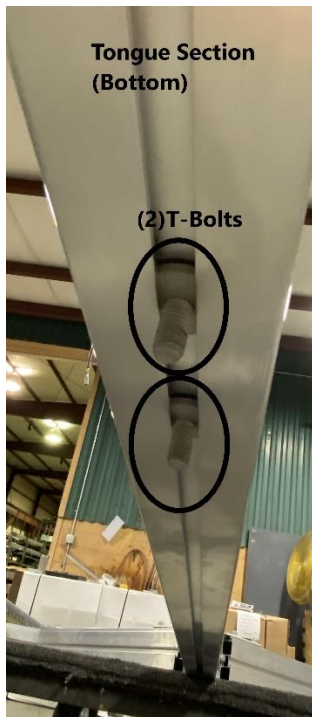
Locate the spare tire carrier.



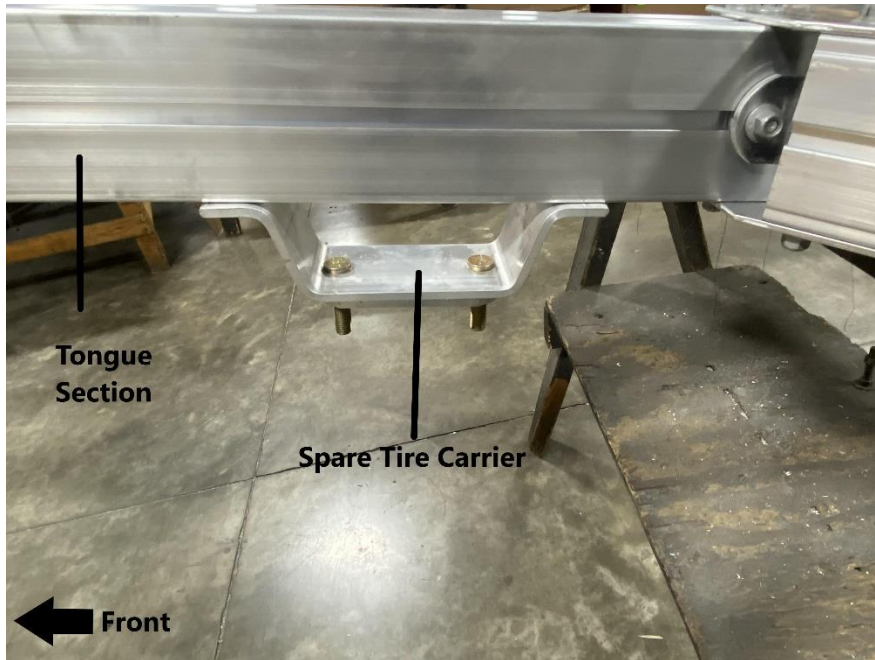
Remove the (2) T-Bolts, (2) locknuts, and (2) lug nuts as shown.



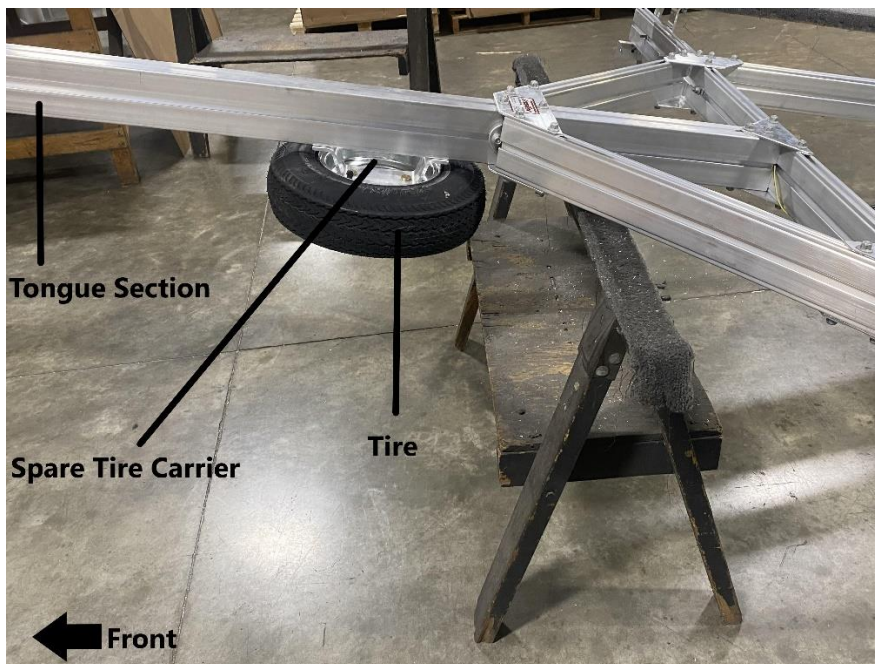
If equipped, the skid bracket will need to be removed before installing the spare tire carrier. Remove the nuts using a 9/16" wrench, then remove the skid bracket from the bottom of the tongue section.



Place the (2) T-bolts that were removed from the spare tire carrier into the groove on the bottom of the tongue section.



Mount the spare tire carrier to the T-bolts that were placed in the groove on the bottom of the tongue section. Tighten the locknuts using a 9/16" wrench.

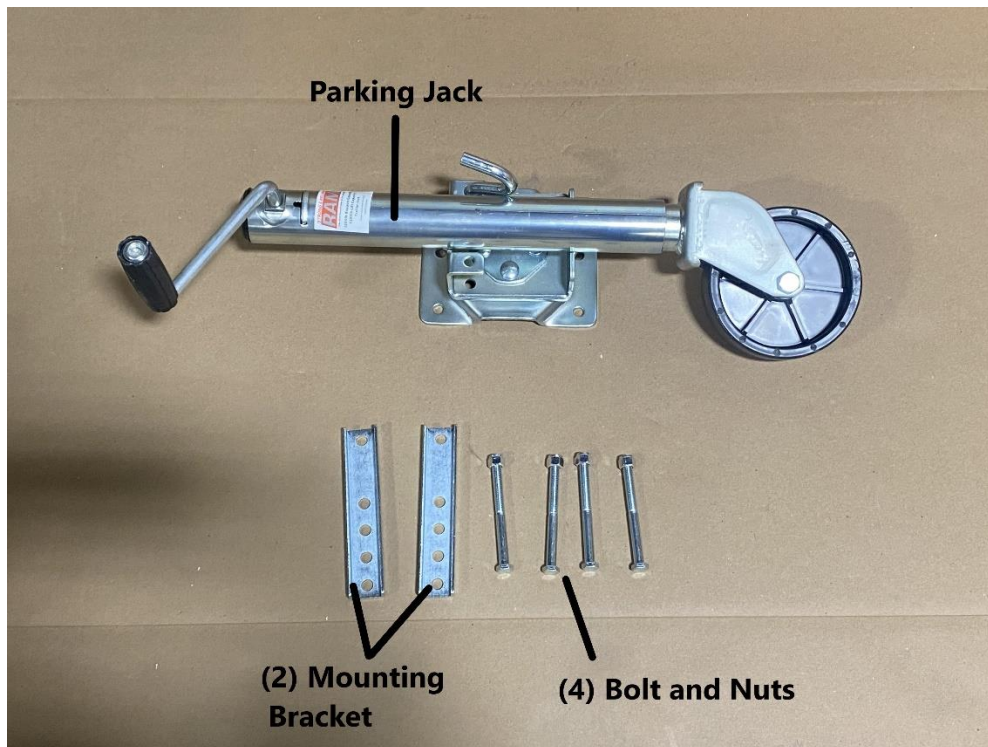


Mount the tire to the spare tire carrier as shown. Replace and tighten the lug nuts.

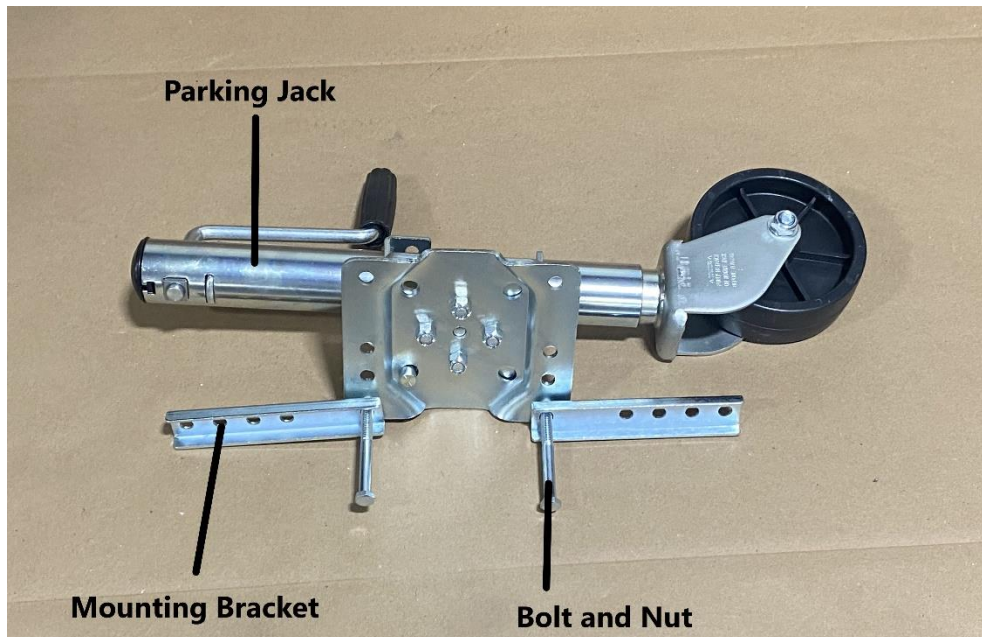


**Re-install the skid bracket if necessary.**

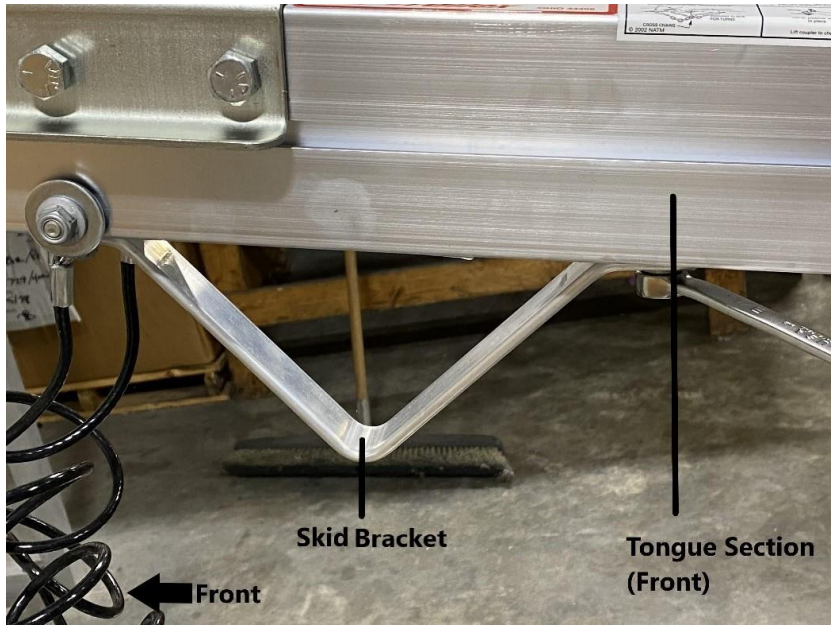
## 4-517B – PARKING JACK OPTION



Locate the (1) Parking Jack, (2) Mounting Brackets, (4) bolt and nuts.



Mount the brackets to the parking jack as shown. Remove the nuts from the bolts and place the bolt through the mounting bracket and jack. Loosely replace the nut.

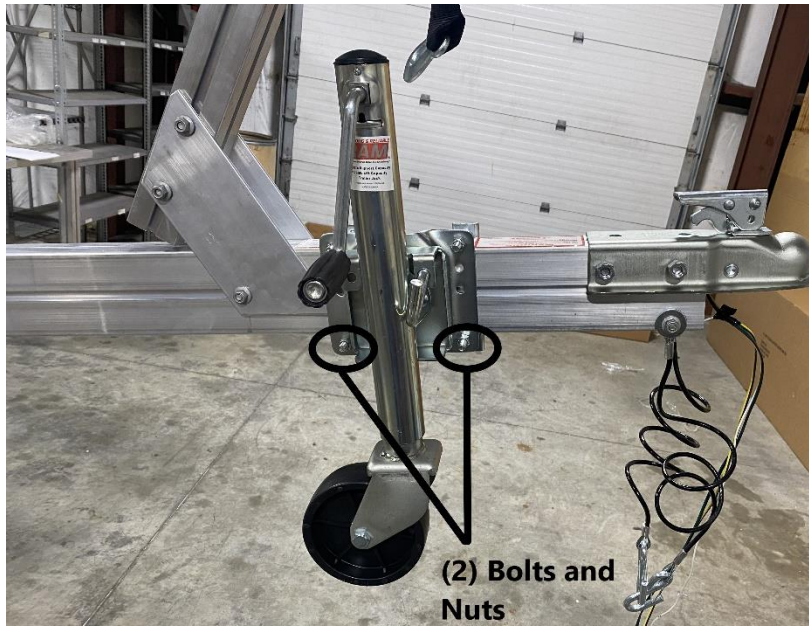


If equipped, the skid bracket will need to be removed before installing the parking jack. Remove the nuts using a 9/16" wrench, then remove the skid bracket from the bottom of the tongue section.



Mount the parking jack on the tongue section of the trailer as shown.





**Install the remaining (2) bolt and nuts as shown. Tighten the nuts using a 9/16" ratchet and wrench.**