

UT-1200



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

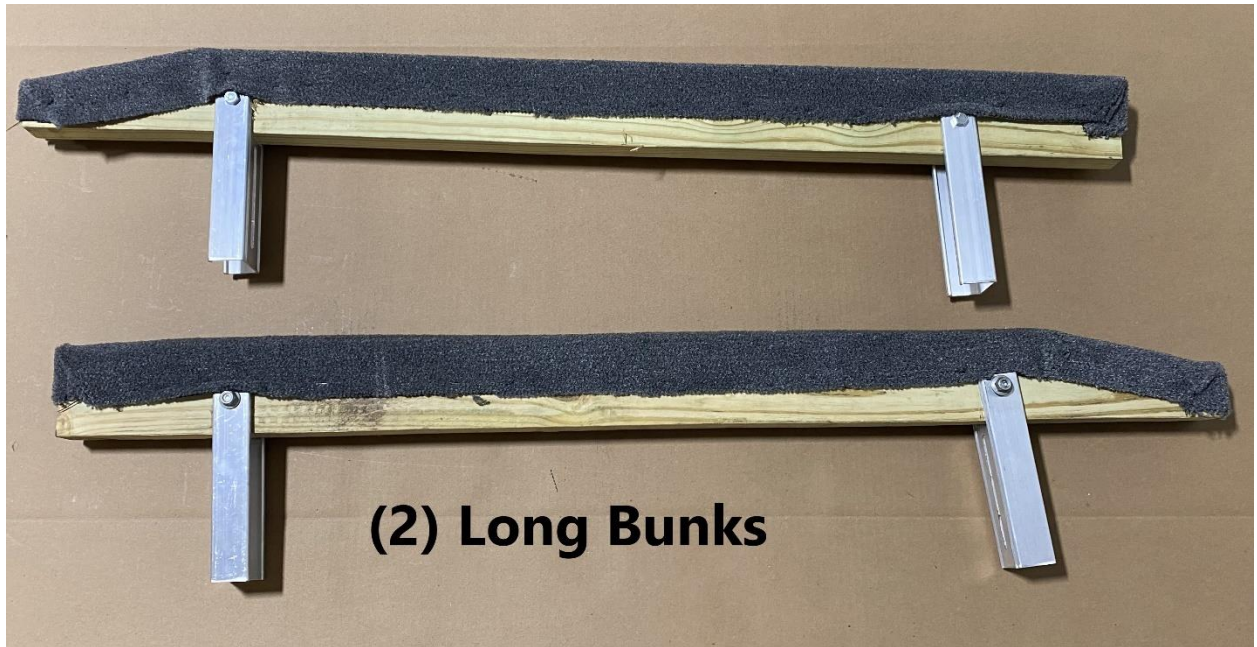




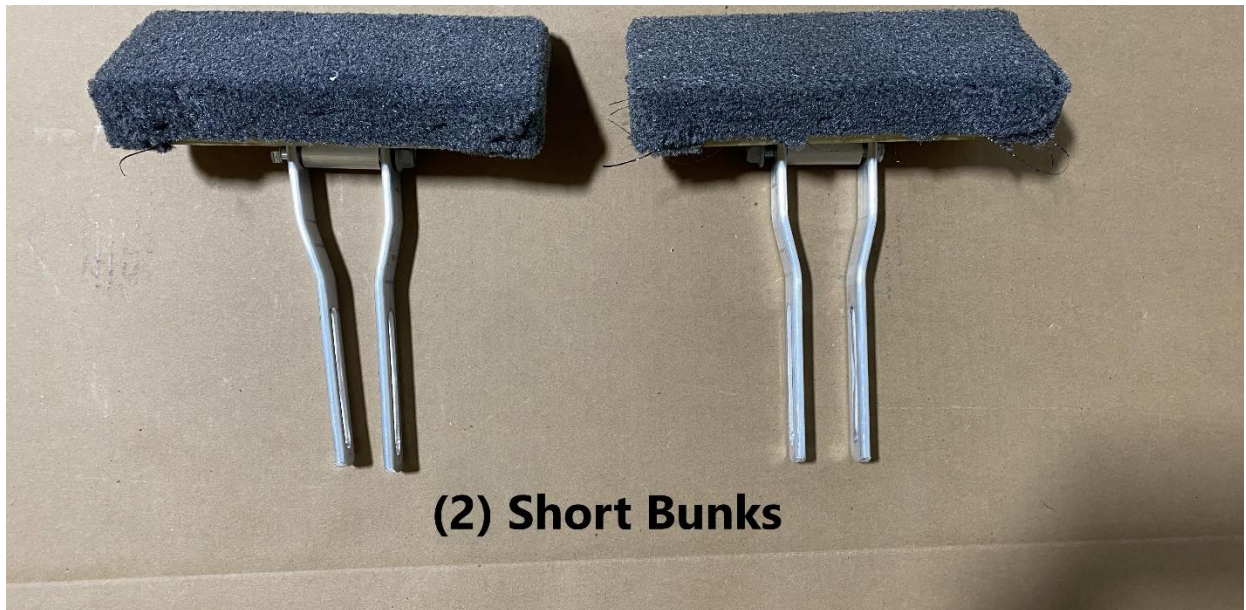
(2) Middle Crossmembers



(2) Front Diagonals



(2) Long Bunks



(2) Short Bunks

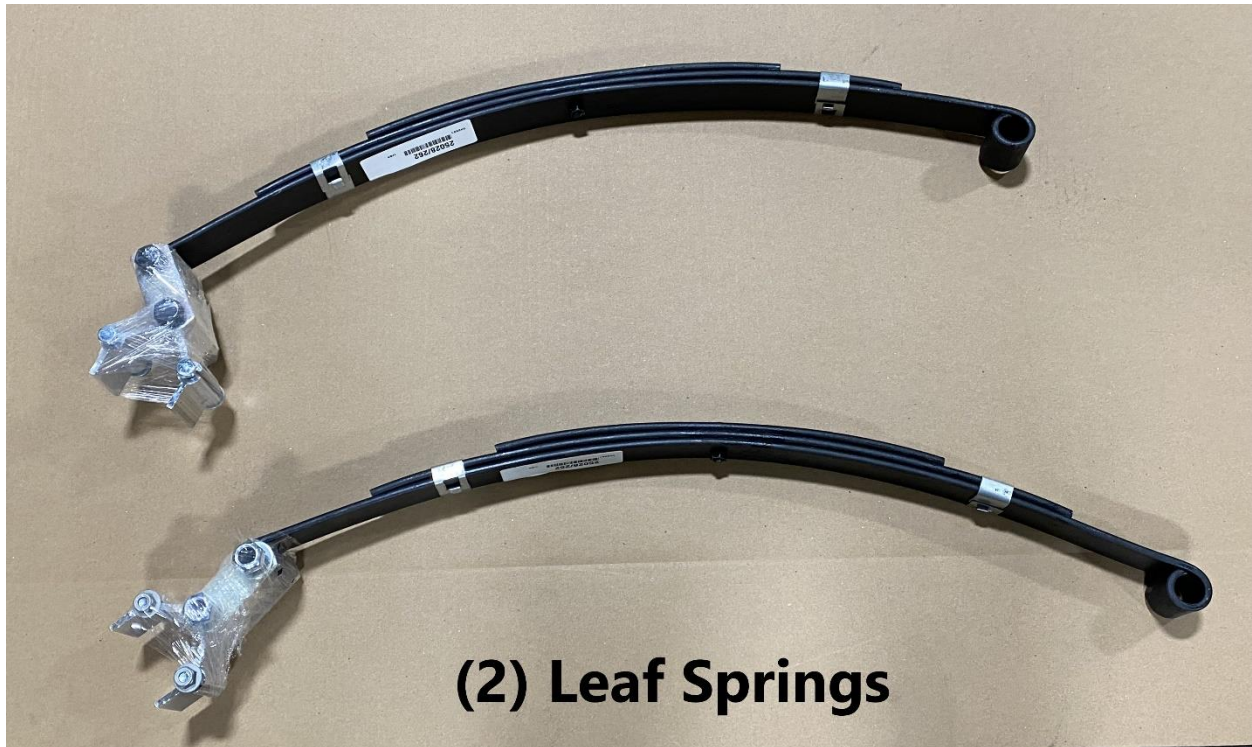
Top Apex Plate



Bottom Apex Plate



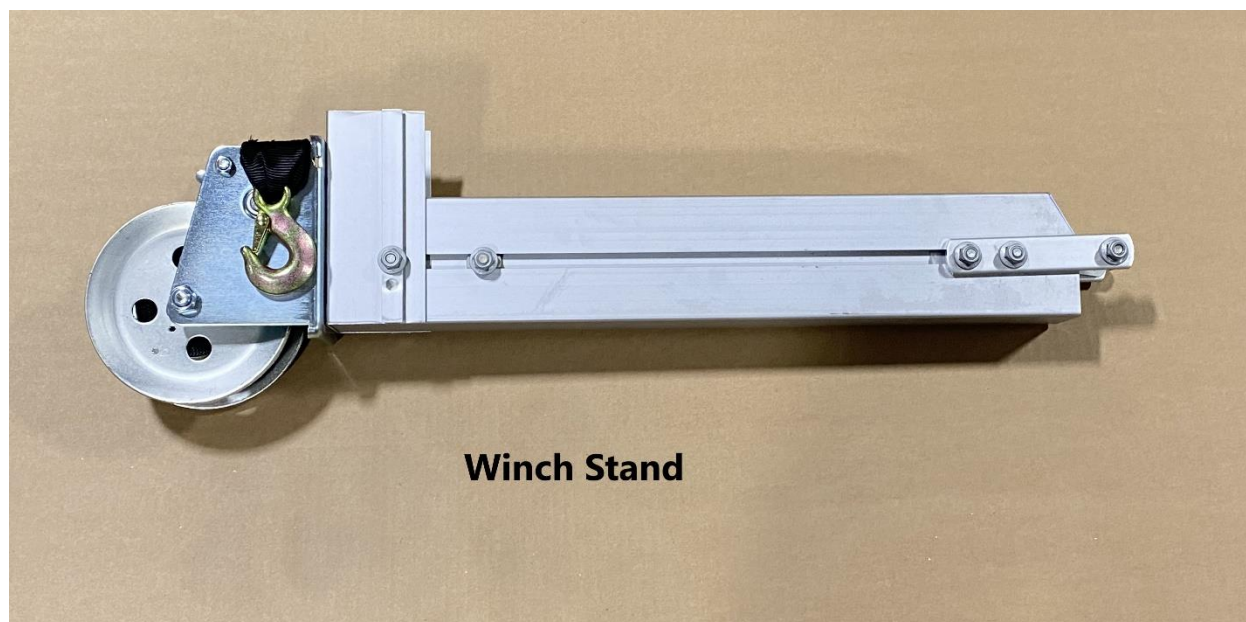
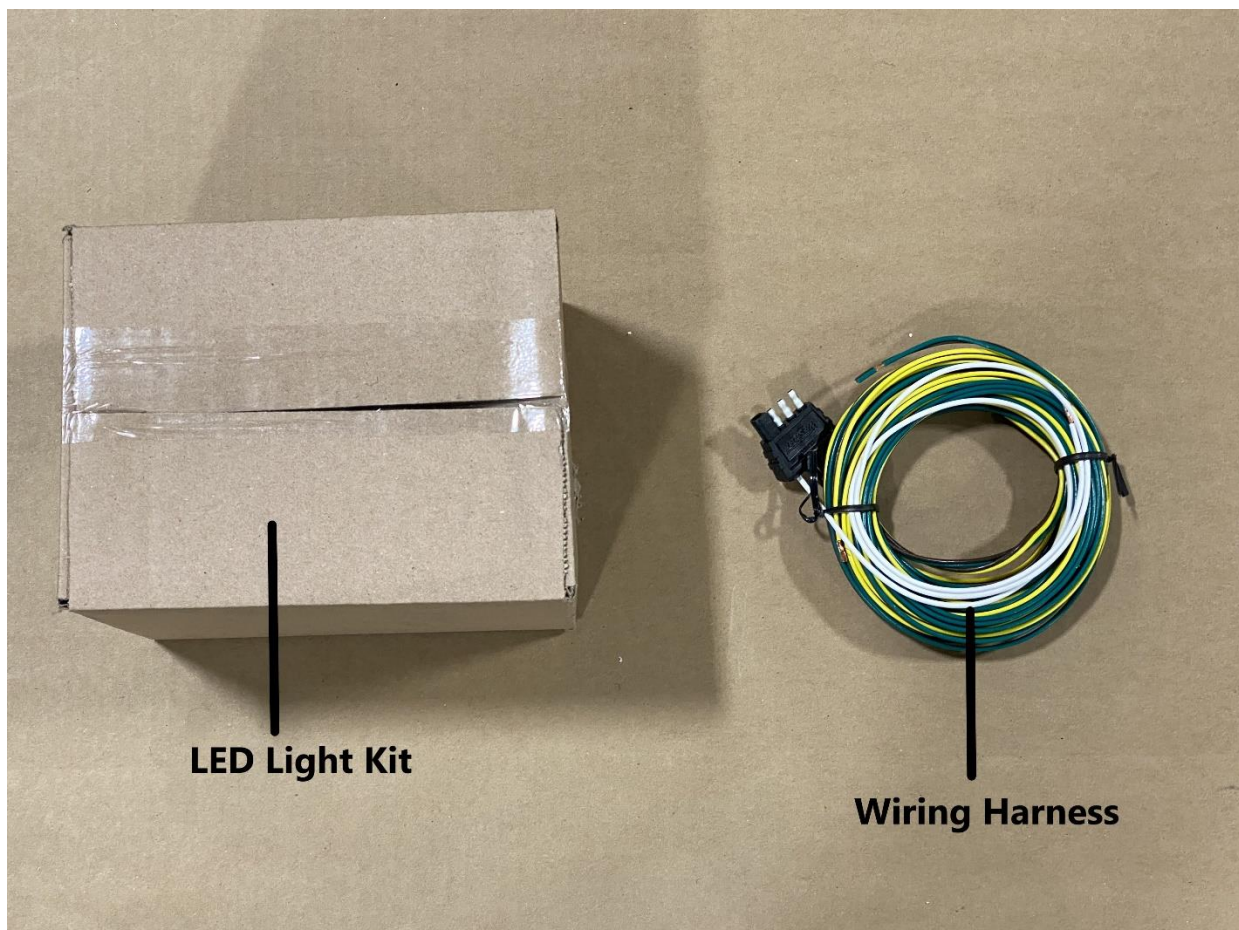
(2) 12" Tires

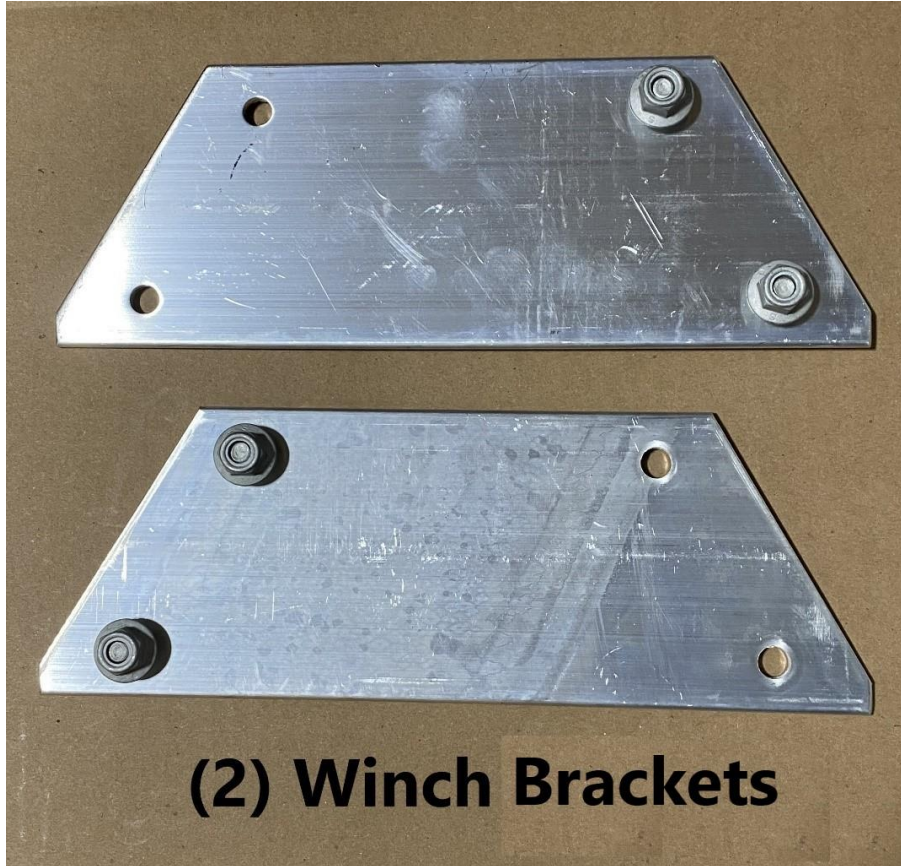


(2) Leaf Springs



(2) Tail Light Brackets

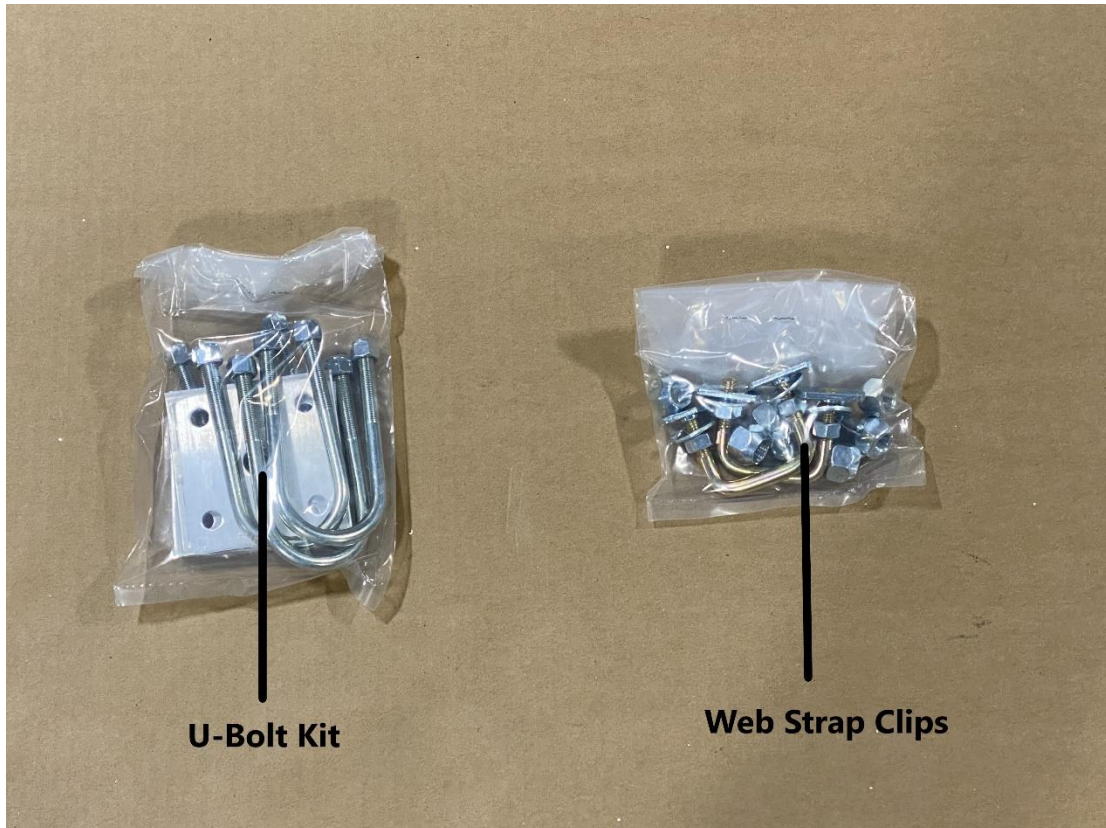
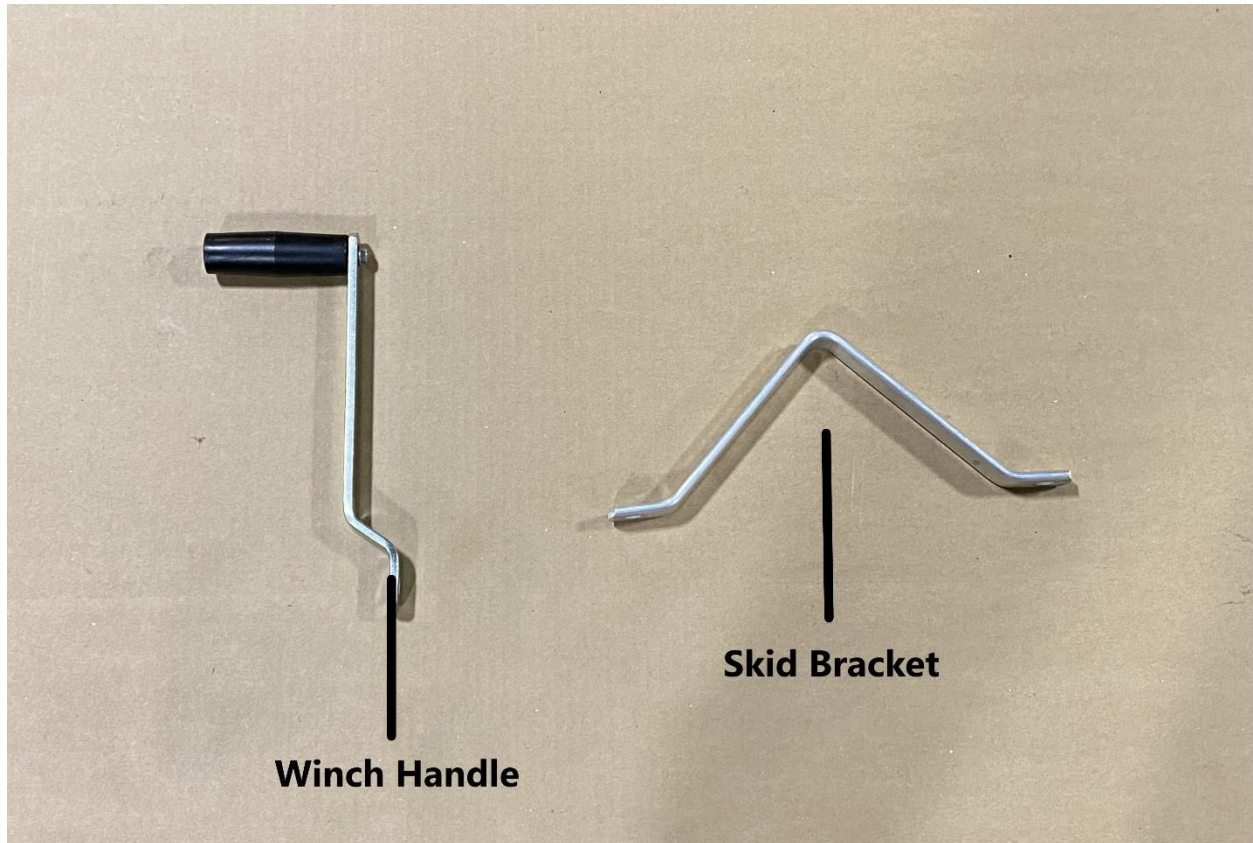


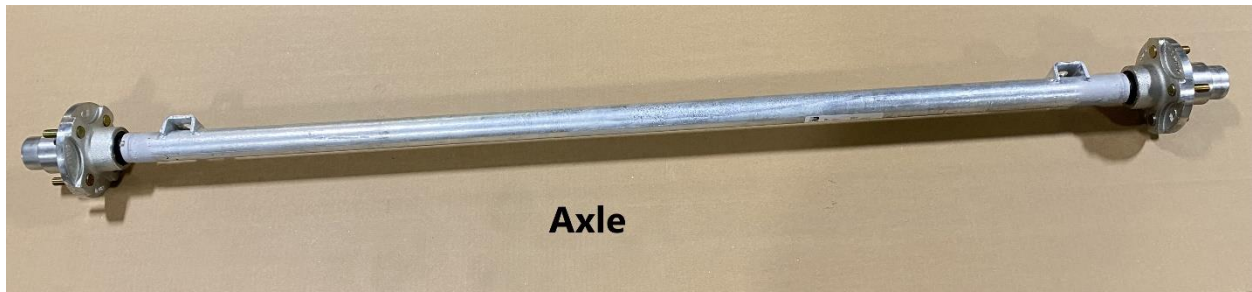


(2) Winch Brackets

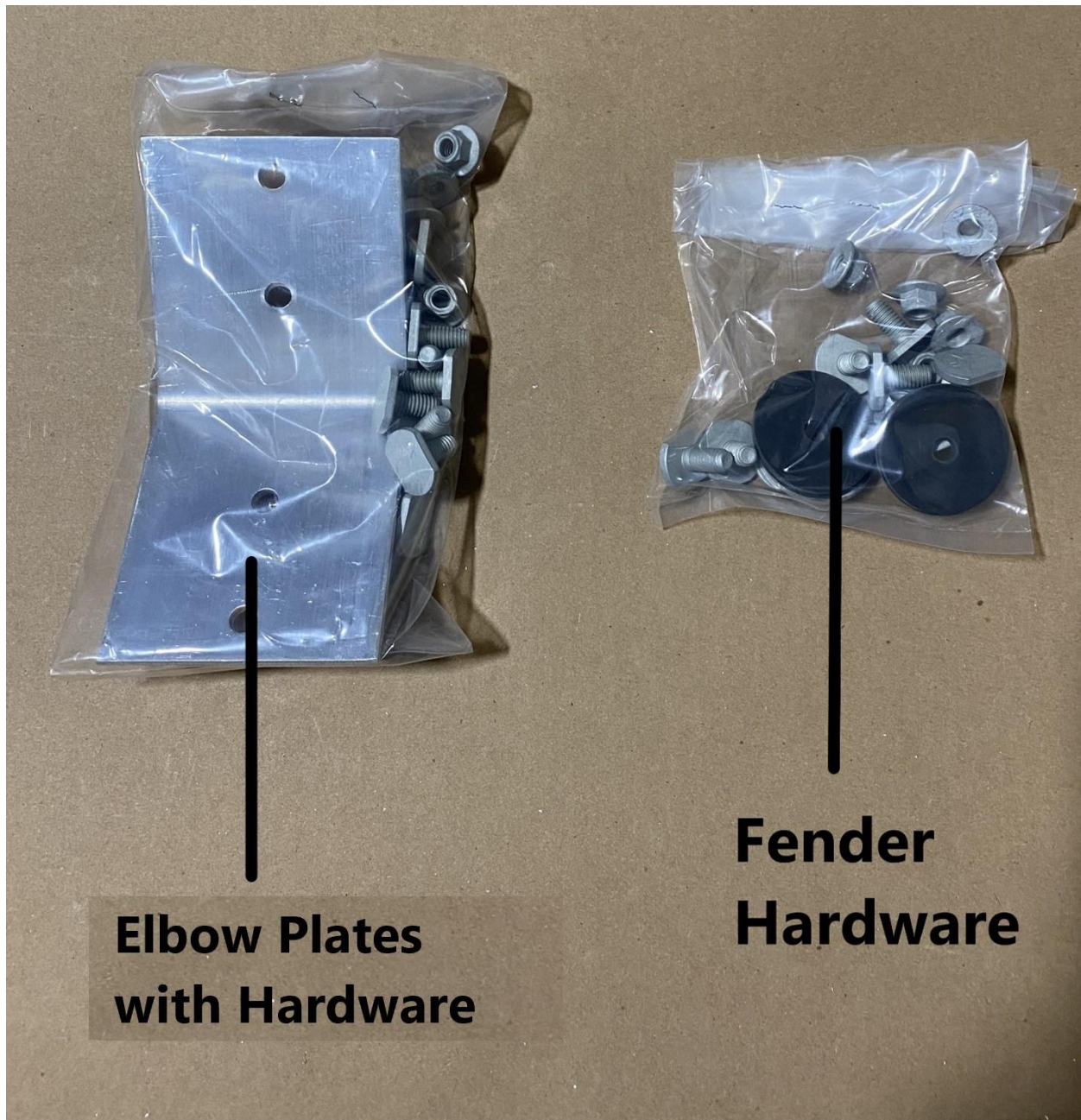


**Front
Roll**



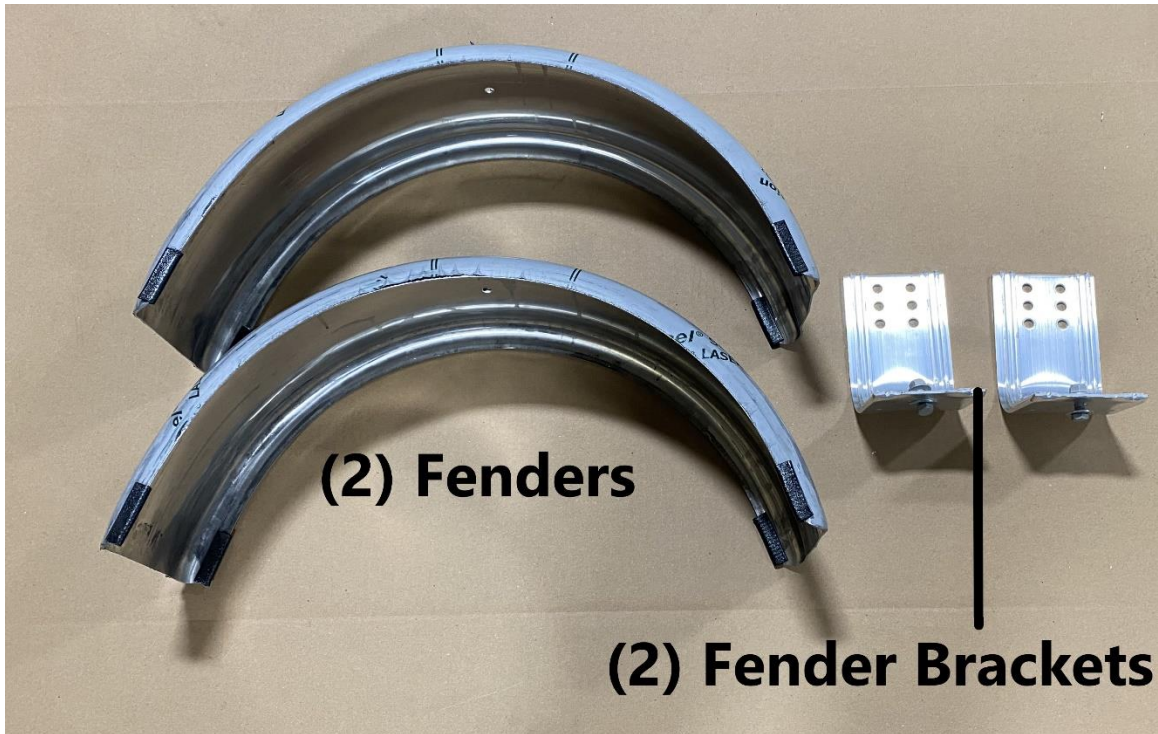


Axle



**Elbow Plates
with Hardware**

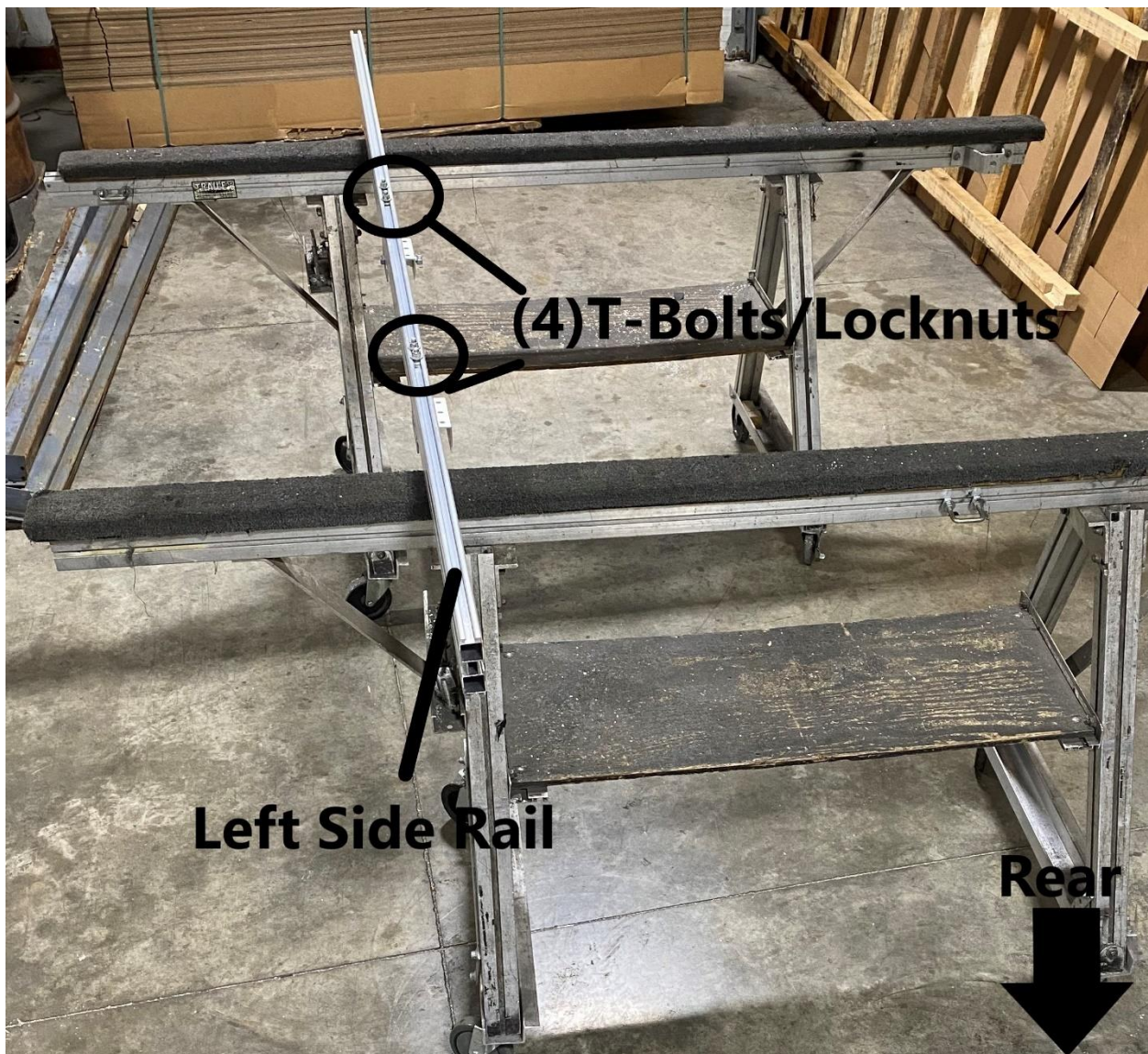
**Fender
Hardware**



Assembly - Frame



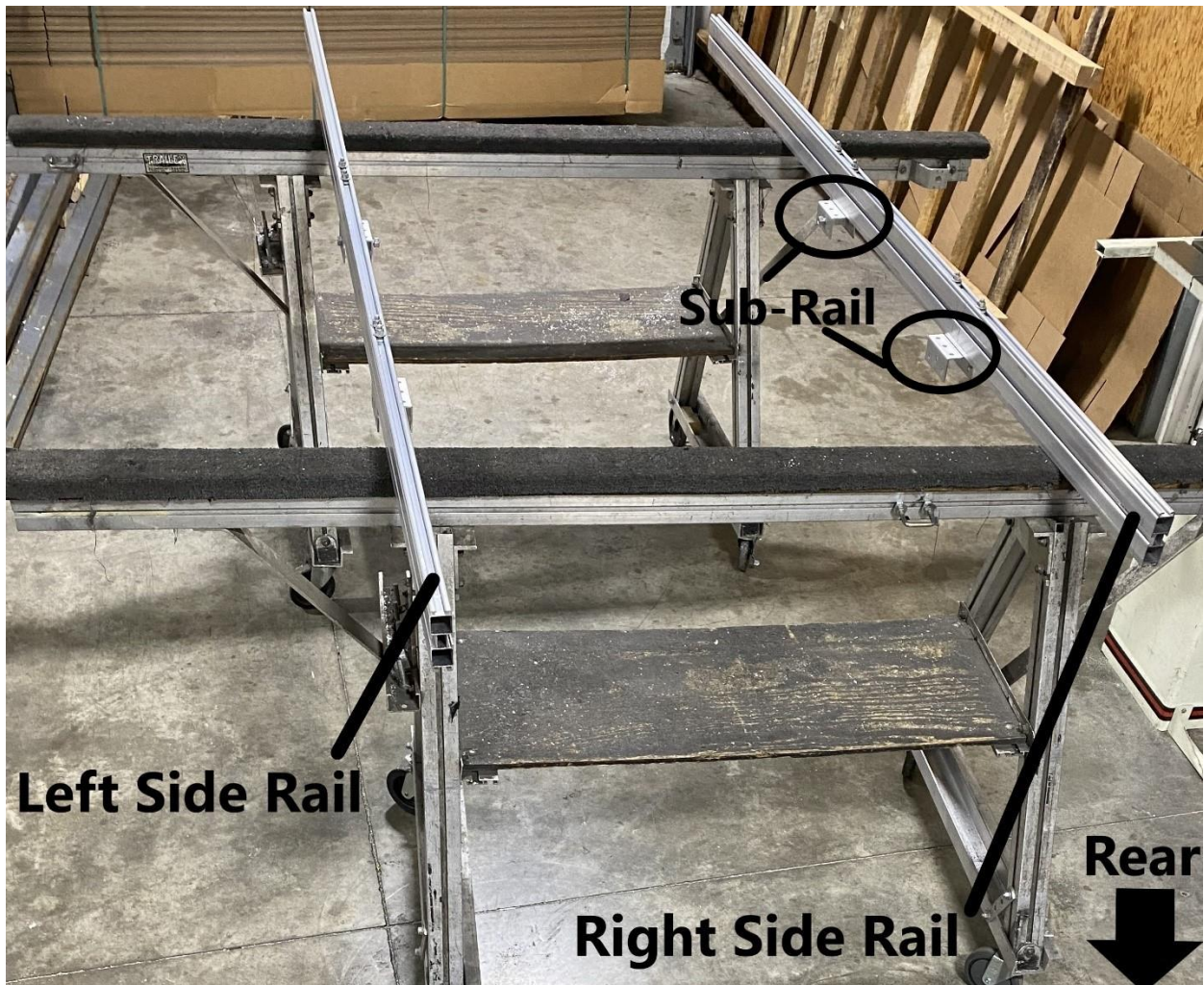
Locate the left side rail. The left side rail will have a vehicle identification sticker.



Place the left side rail on (2) saw horses as shown. The (4) T-Bolts and locknuts will be facing up and the vehicle identification sticker will be facing towards the outside of the trailer.



Locate the right side rail.

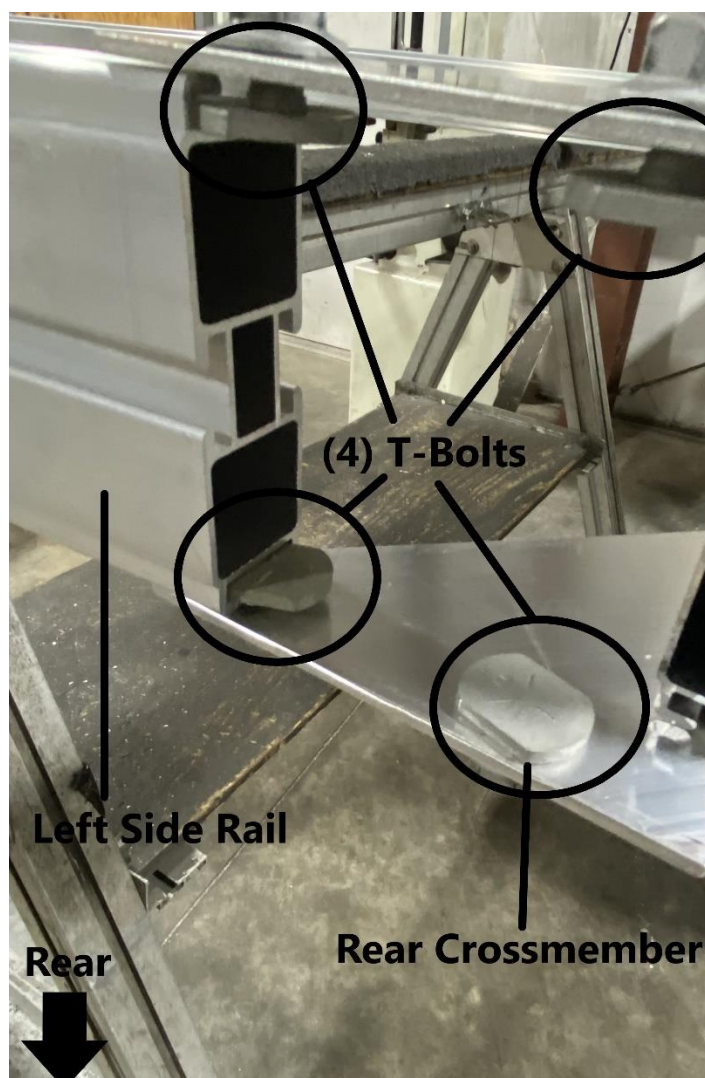


Place the right side rail on (2) saw horses as shown, with the (4) T-Bolts and locknuts facing up and the sub-rails offset towards the inside of the trailer.

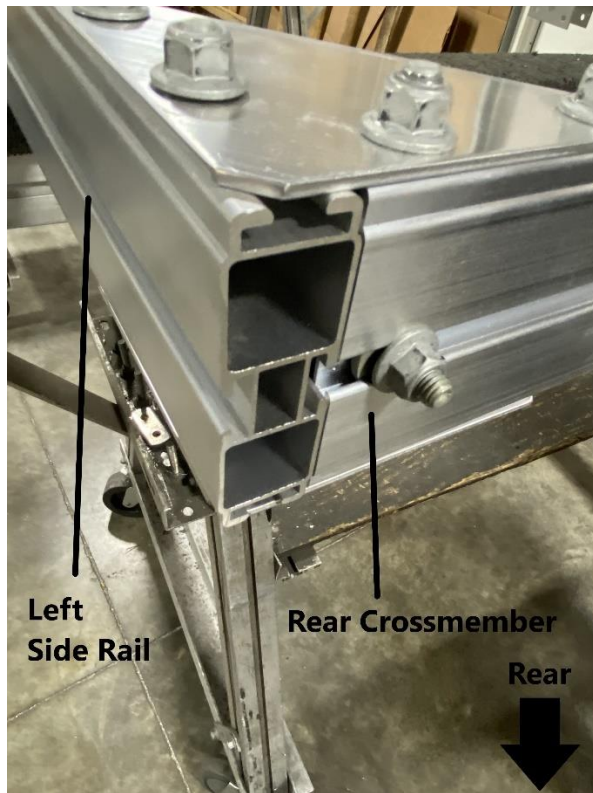


Rear Crossmember

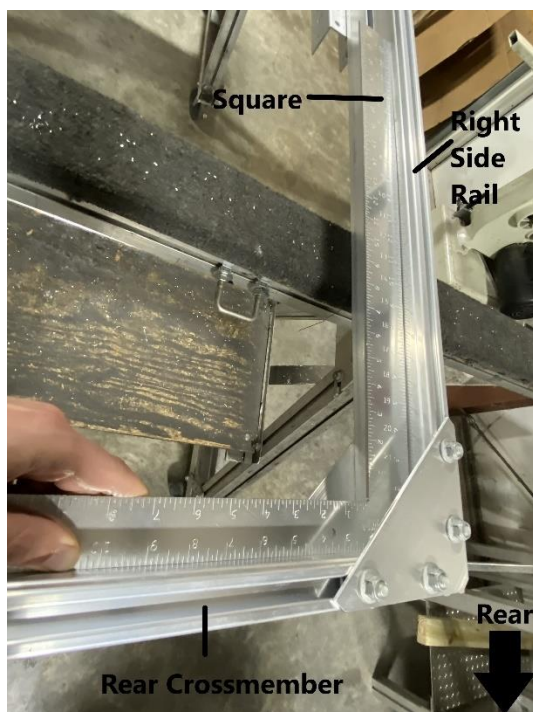
Locate the rear crossmember. The rear crossmember will be marked "rear".



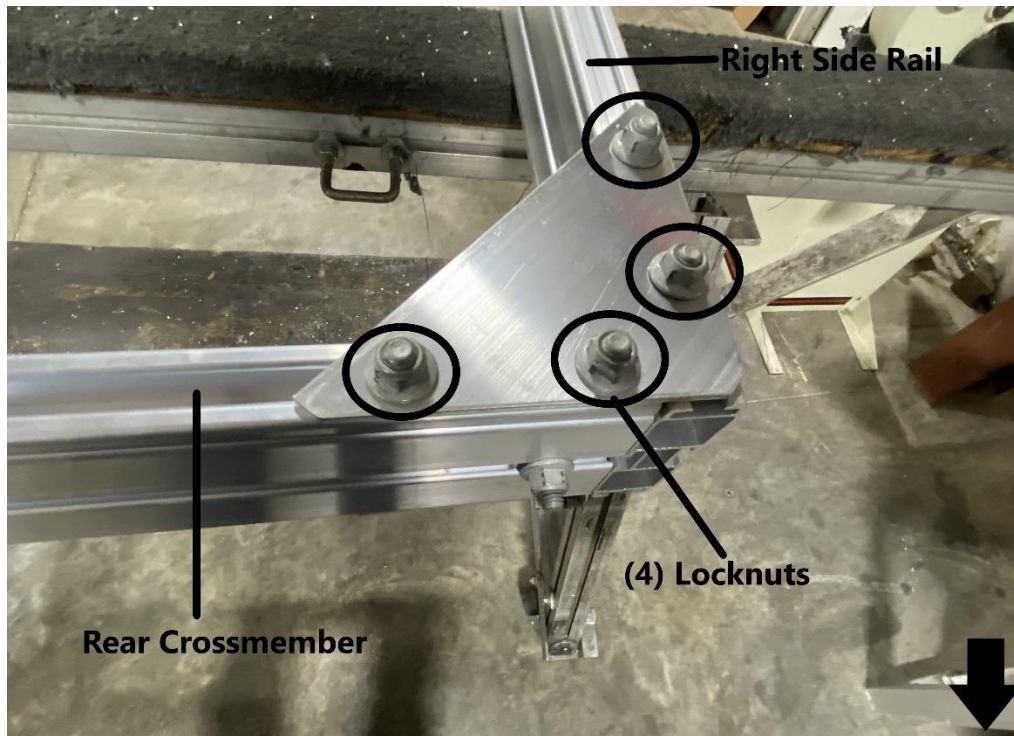
Slide the (4) T-Bolts of the rear crossmember into the top and bottom grooves of the left side rail. Note that the roller installed on the rear crossmember will be facing up.



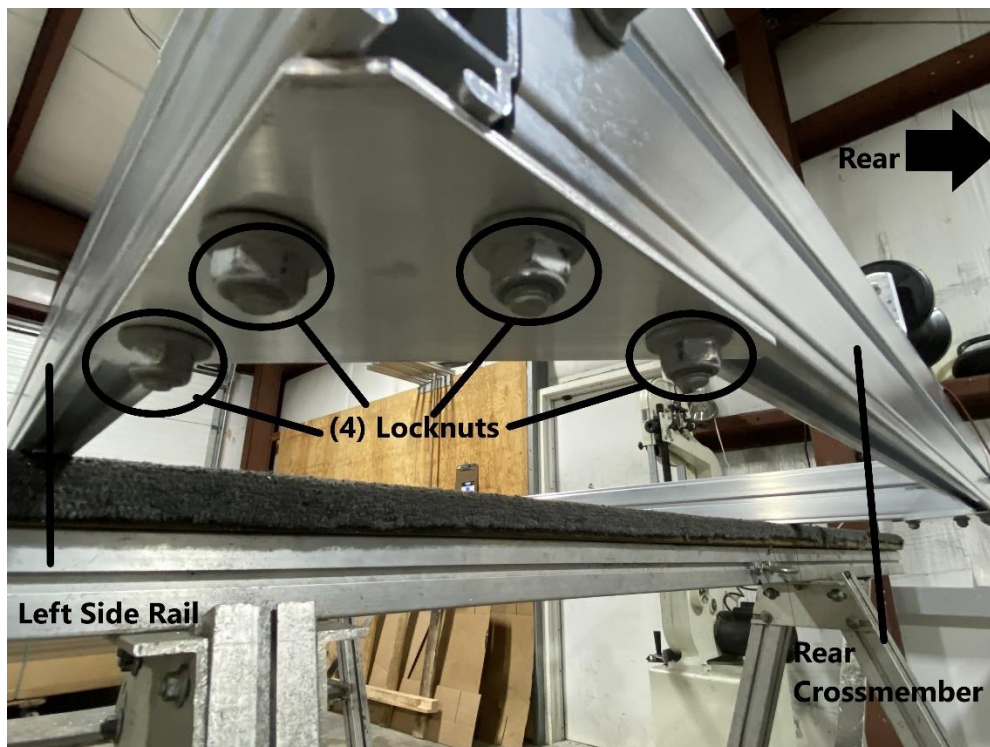
Continue sliding the rear crossmember until it is flush with the left side rail. Repeat this process for the other side.



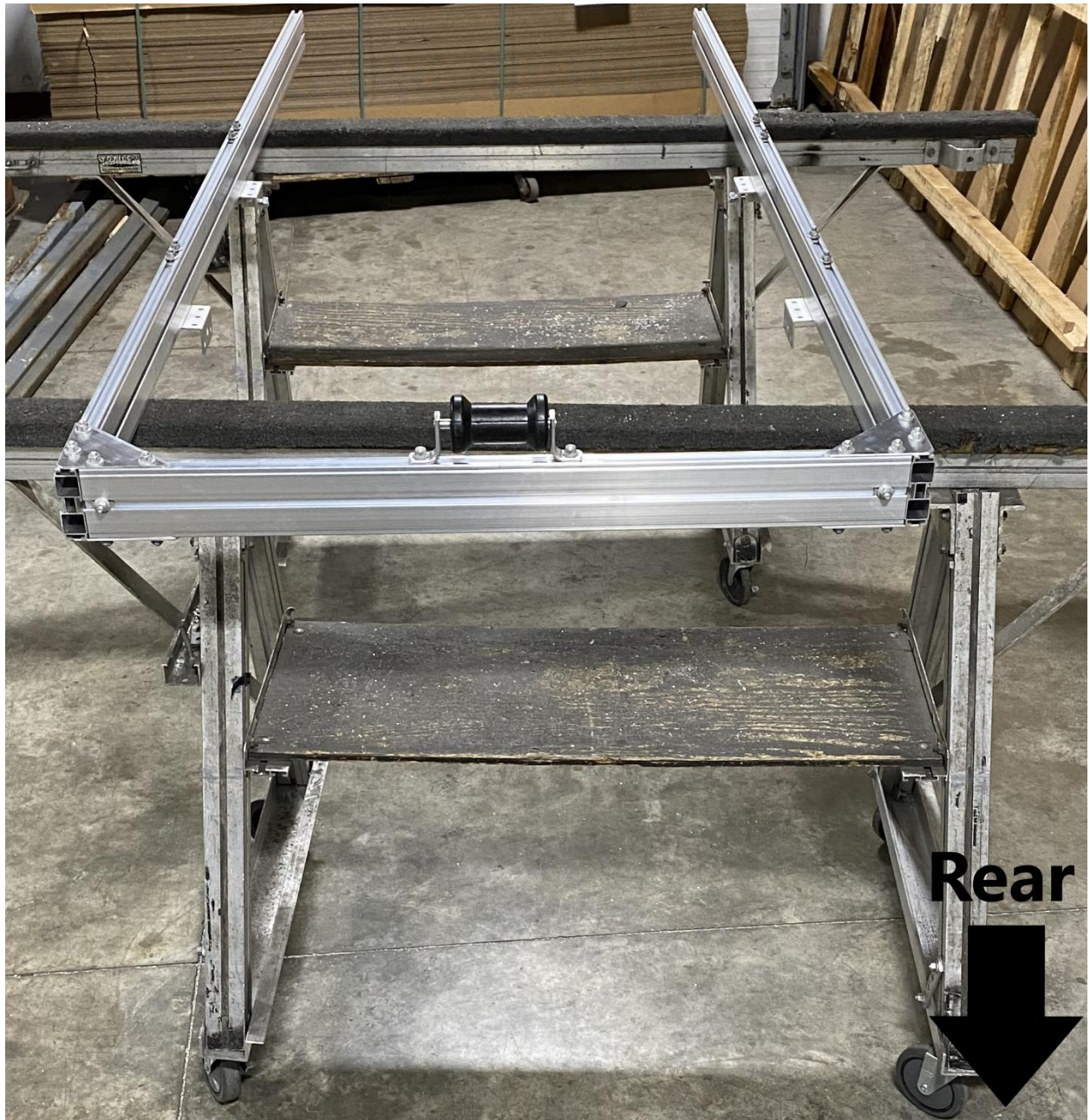
Use a square to confirm that the corners are at a 90-degree angle.



With the trailer squared up, the locknuts will now need to be tightened. Tighten the (4) locknuts shown using a 9/16" wrench. Repeat this process for the other side.



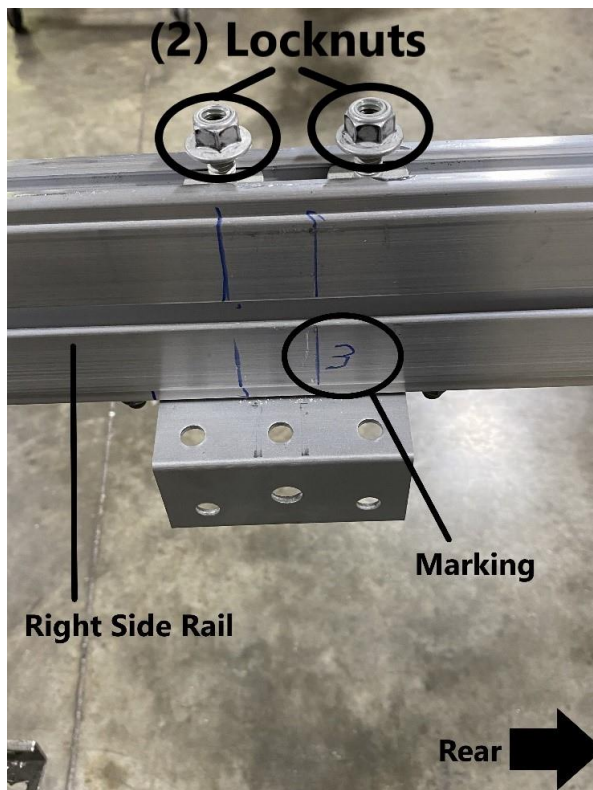
The bottom (4) locknuts will also need tightened. Tighten the (4) locknuts using a 9/16" wrench. Repeat this process for the other side.



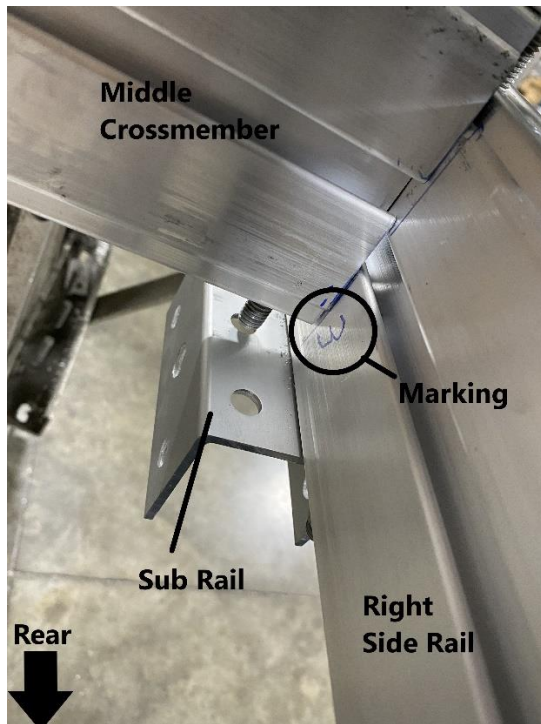
At this point the trailer will look like this.



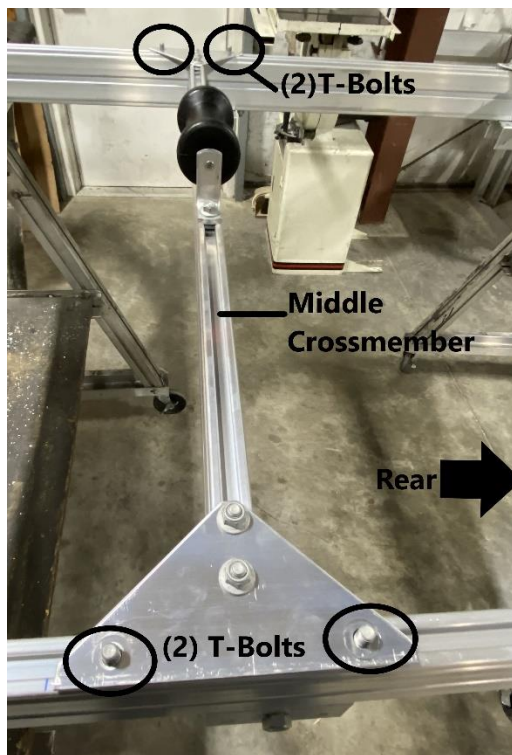
Locate the (2) middle crossmembers. These will be marked "2" and "3". Remove the (4) locknuts using a 9/16" wrench.



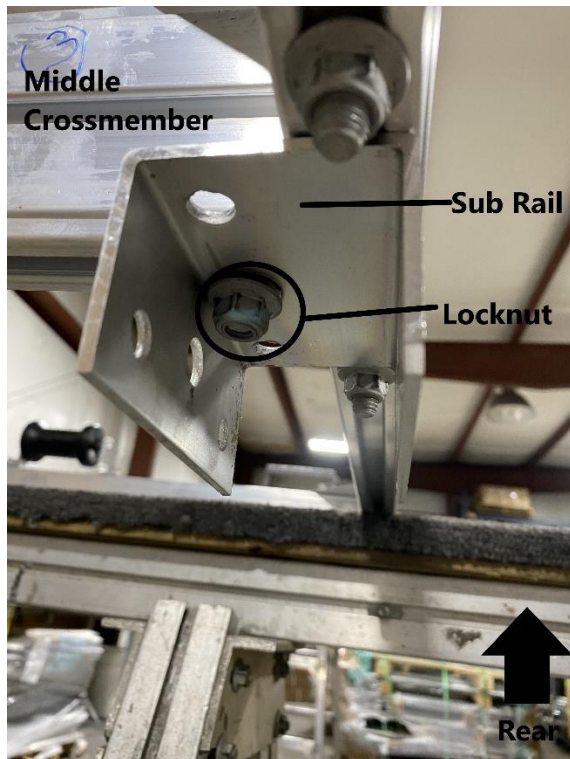
Remove the (2) locknuts shown on the right side rail using a 9/16" wrench. Repeat this process for the left side rail. Note the marking on the right side rail. Both the left and right side rails will be marked "2" and "3" to show where each middle crossmember is installed.



Match the “3” markings on the middle crossmember to the markings on the left and right side rails. Install the middle crossmember as shown, using the middle hole on the sub rail.



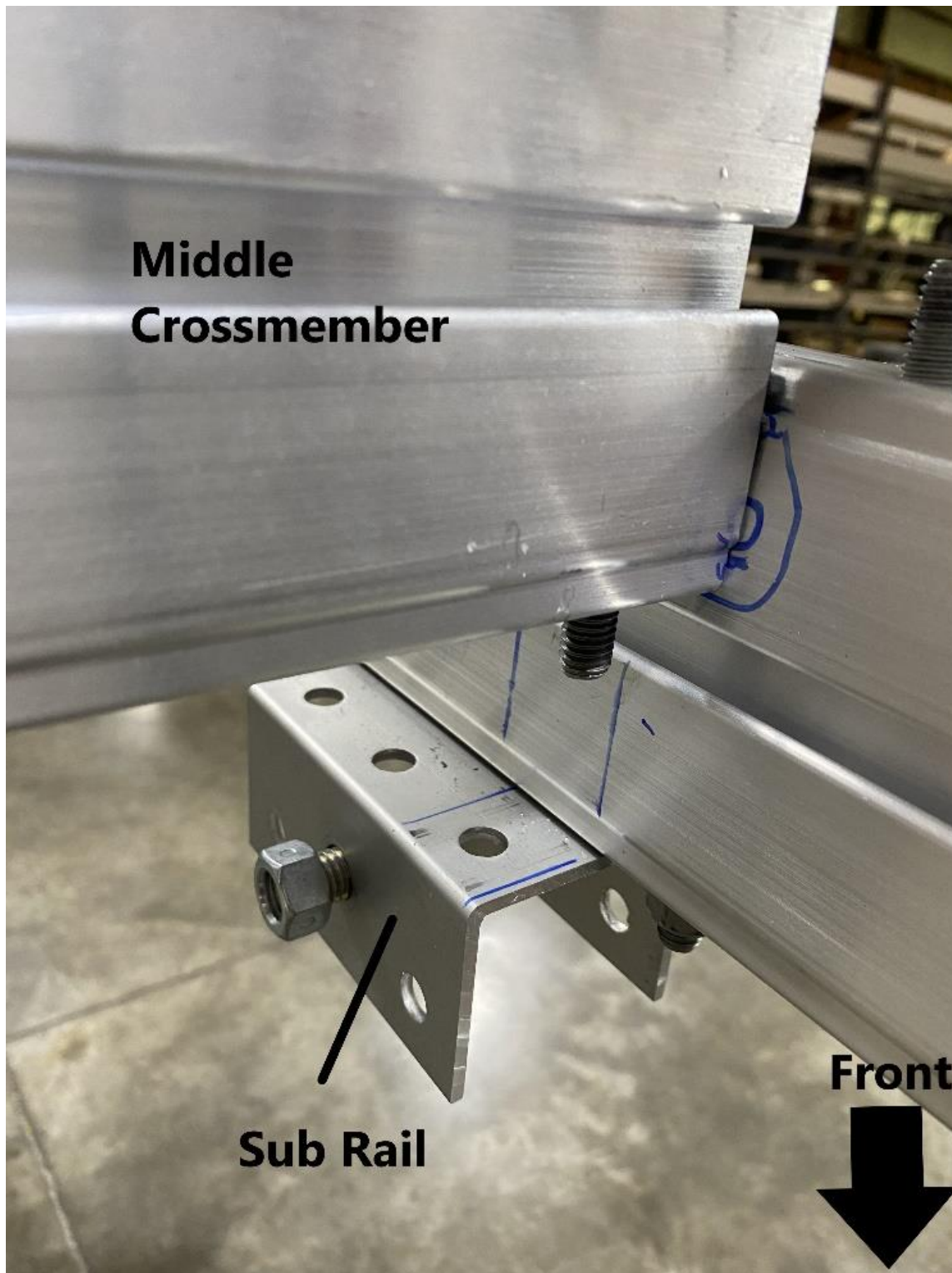
Install the middle crossmember to the (4) T-Bolts shown. Replace the (4) locknuts and tighten using a 9/16” wrench.



Install a locknut on the T-bolt that is connecting the sub rail and the middle crossmember. Tighten using a 9/16" wrench. Repeat this process for the other side.



At this point the trailer will look like this.



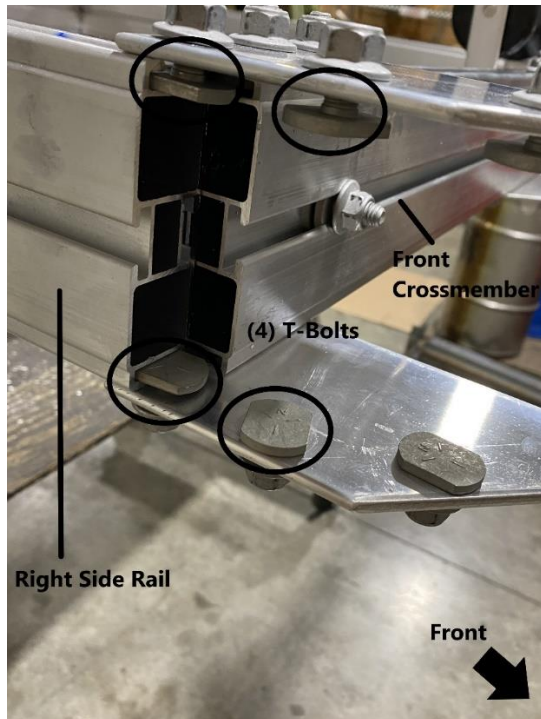
Repeat the process to install a second middle crossmember. This will be the middle crossmember marked "2". Note the sub rail in the above picture. The second middle crossmember will be installed using the sub rail hole that is towards the front of the trailer.



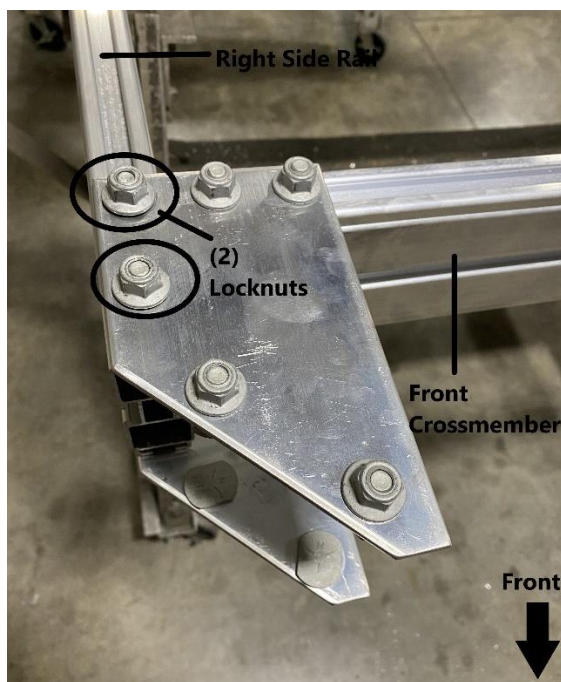
At this point the trailer looks like this.



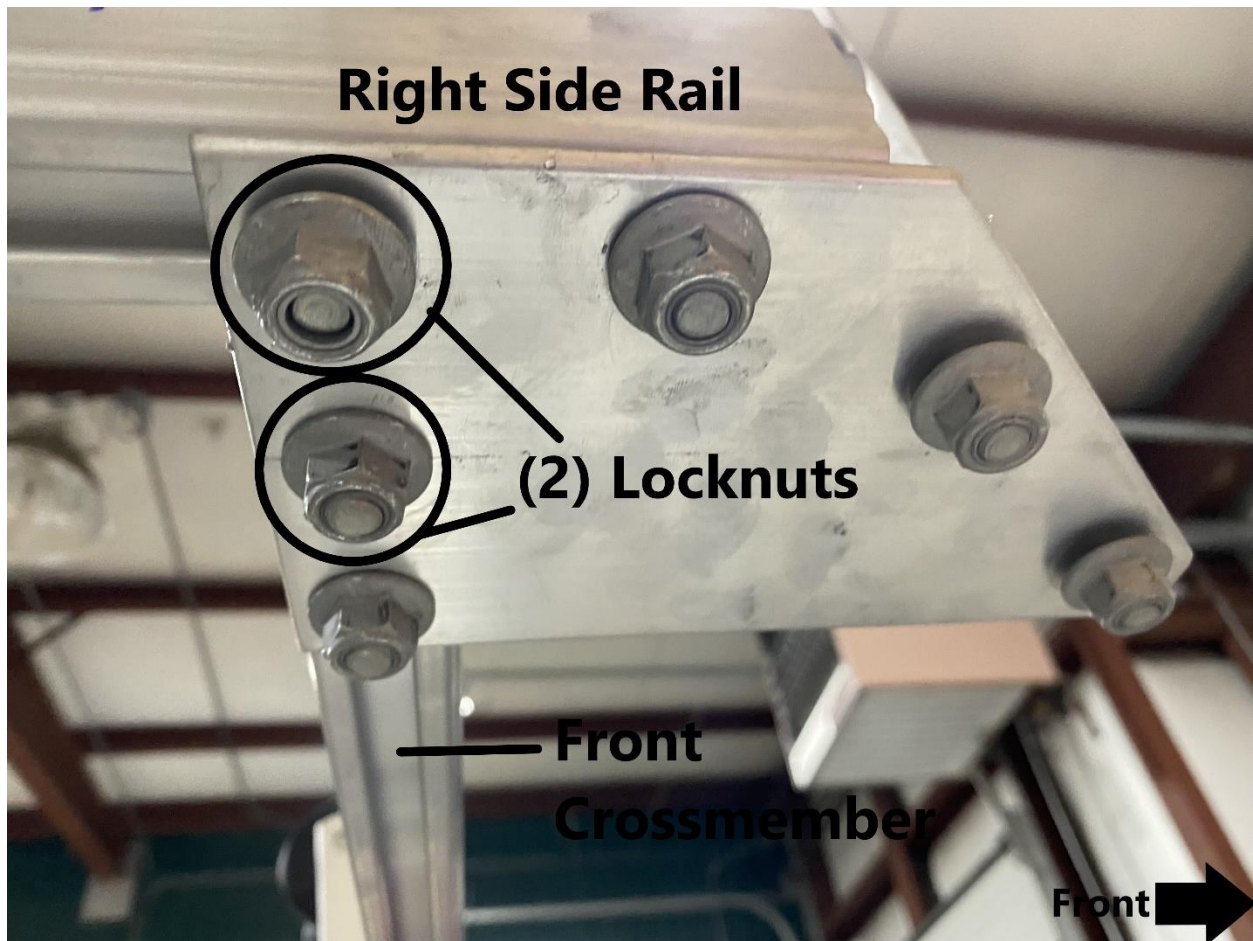
Locate the front crossmember. The front crossmember will be marked “front”.



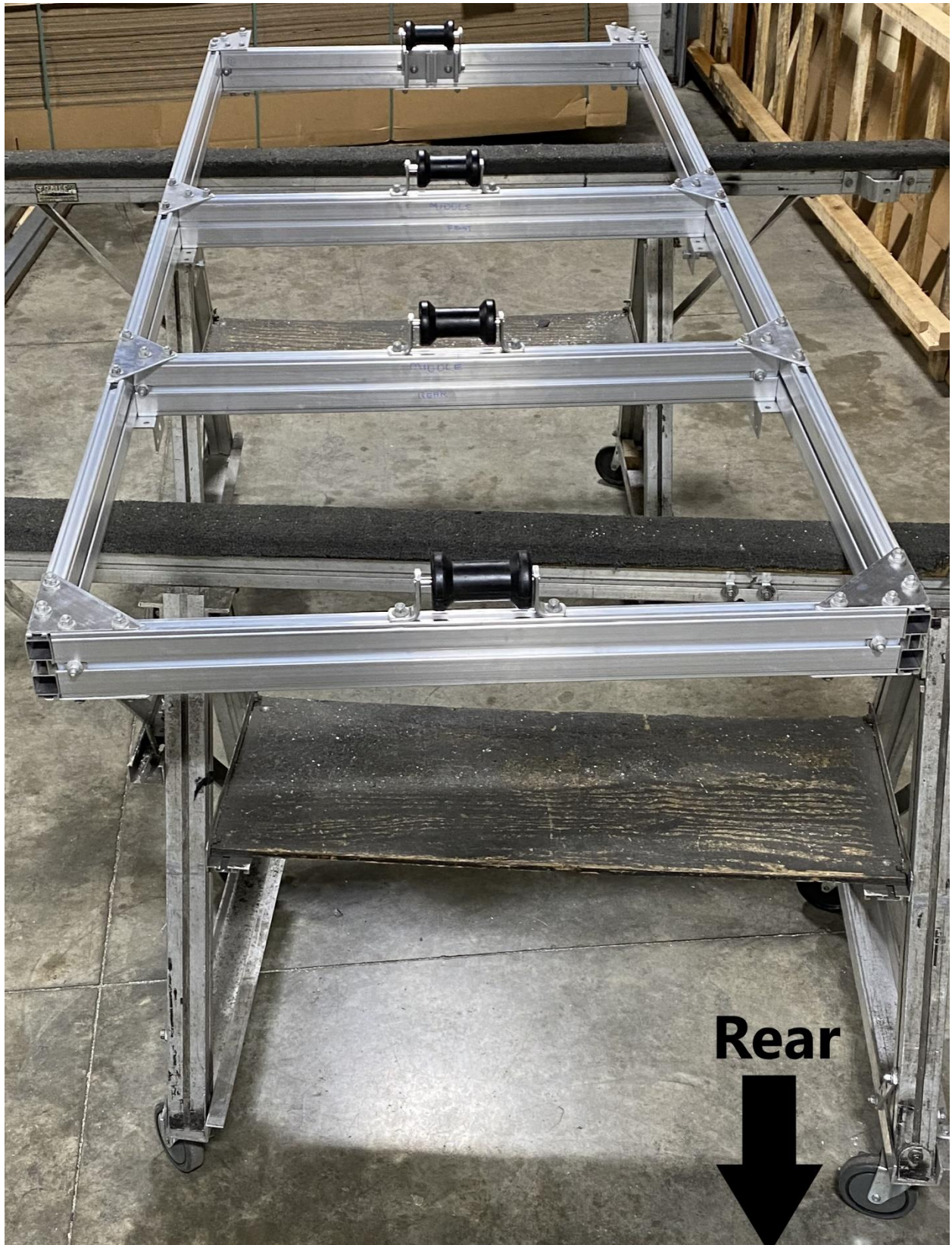
Slide the (4) T-Bolts of the front crossmember into the top and bottom grooves of the right side rail. Repeat this process for the other side. Note that the roller installed on the front crossmember will be facing up and the triangle plate will be facing towards the outside of the trailer.



Use a square to confirm that the corners are at a 90-degree angle. Tighten the two locknuts shown using a 9/16" wrench. Repeat this process for the other side.



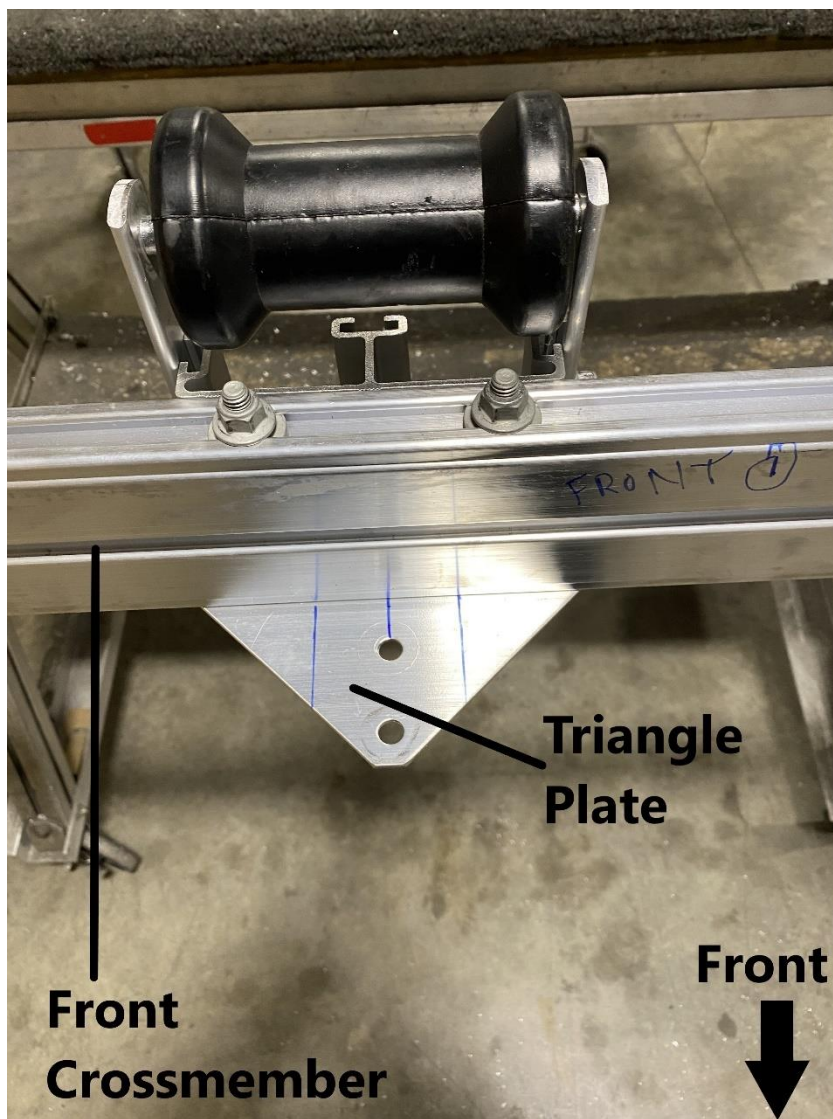
Tighten the (2) locknuts shown on the bottom of the front crossmember using a 9/16" wrench. Repeat this process for the other side.



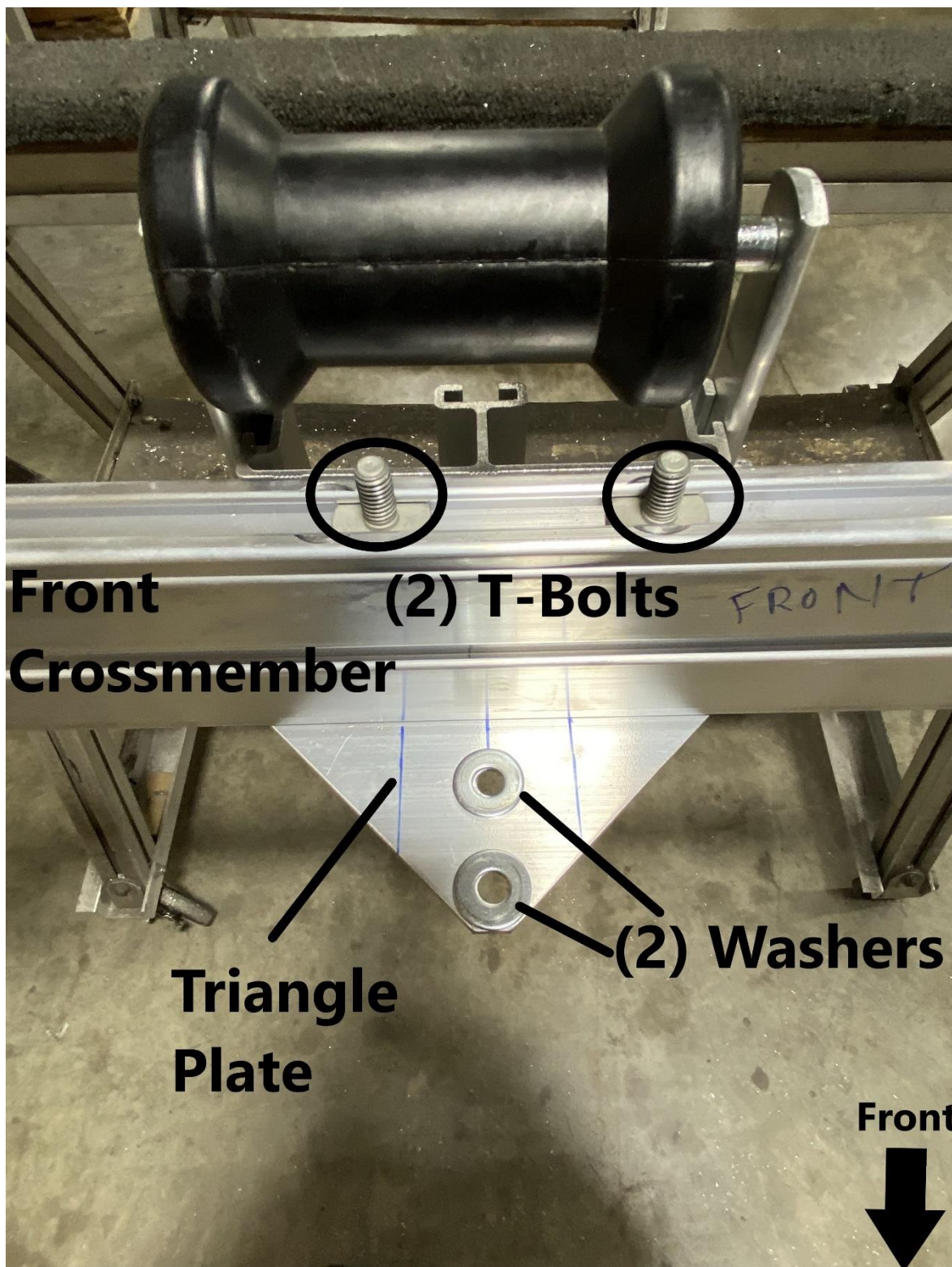
At this point the trailer looks like this.



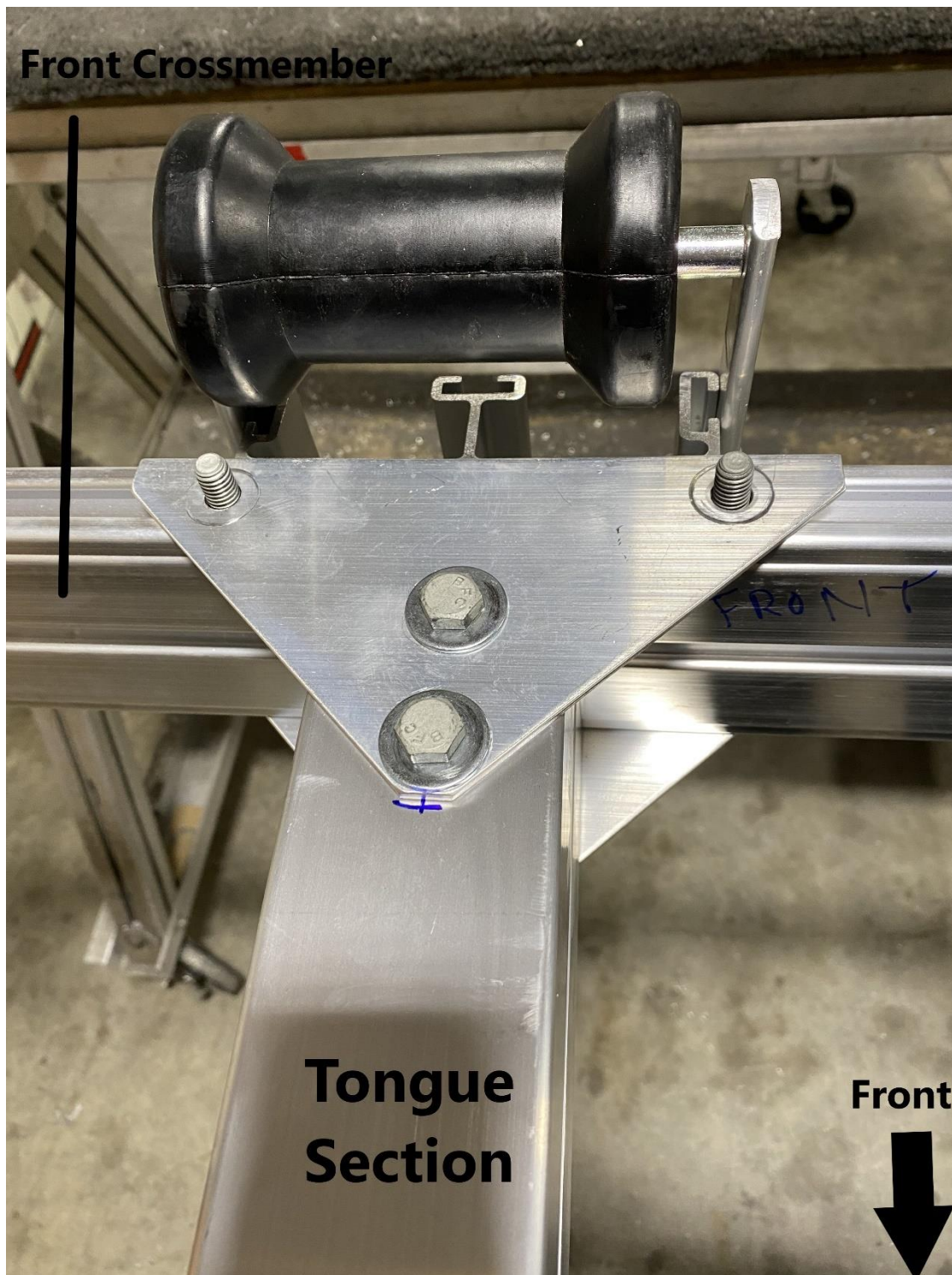
Locate the tongue section. Remove the (2) locknuts and (2) washers from the bottom of the tongue section.



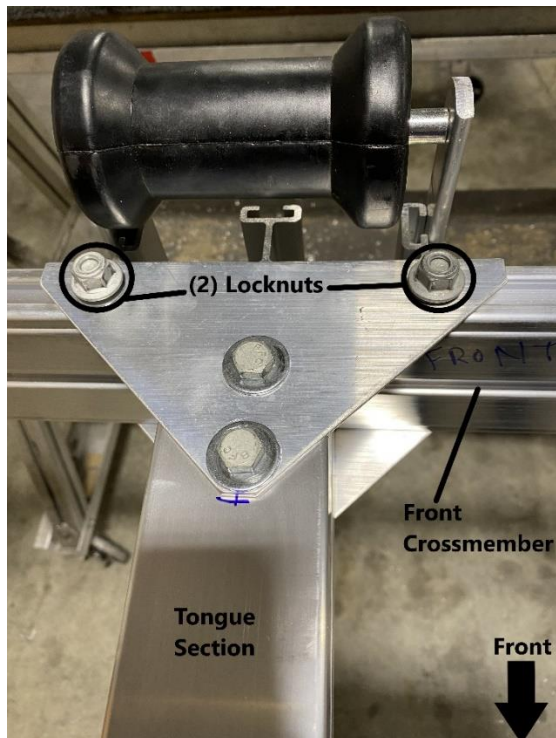
Locate the triangle plate installed on the front crossmember.



Place the (2) washers removed from the tongue section onto the triangle plate holes. Locate the (2) T-bolts installed on the top groove of the front crossmember. Remove the (2) locknuts using a 9/16" wrench.



A third saw horse will be necessary to install the tongue section. Install the tongue section to the front crossmember as shown. Place the (2) T-Bolts installed on the bottom groove of the tongue section through the (2) holes of the triangle plate. Install the (2) T-bolts in the top of groove of the front crossmember to the tongue section as shown.



With the tongue section installed to the front crossmember, the locknuts will now need to be tightened. Install (2) locknuts as shown and tighten using a 9/16" wrench.



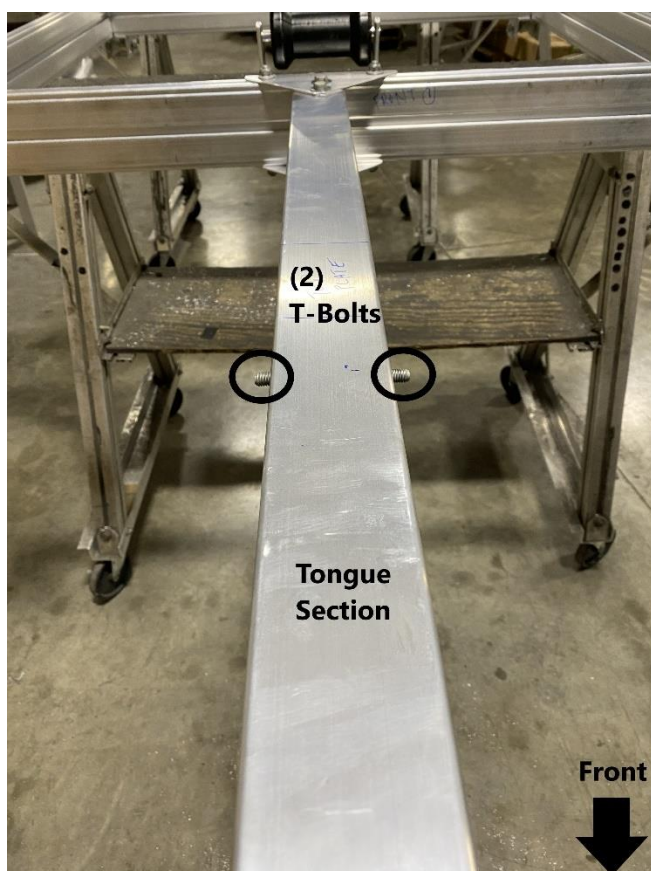
Install (2) locknuts as shown on the bottom of the tongue section. Tighten using a 9/16" wrench.



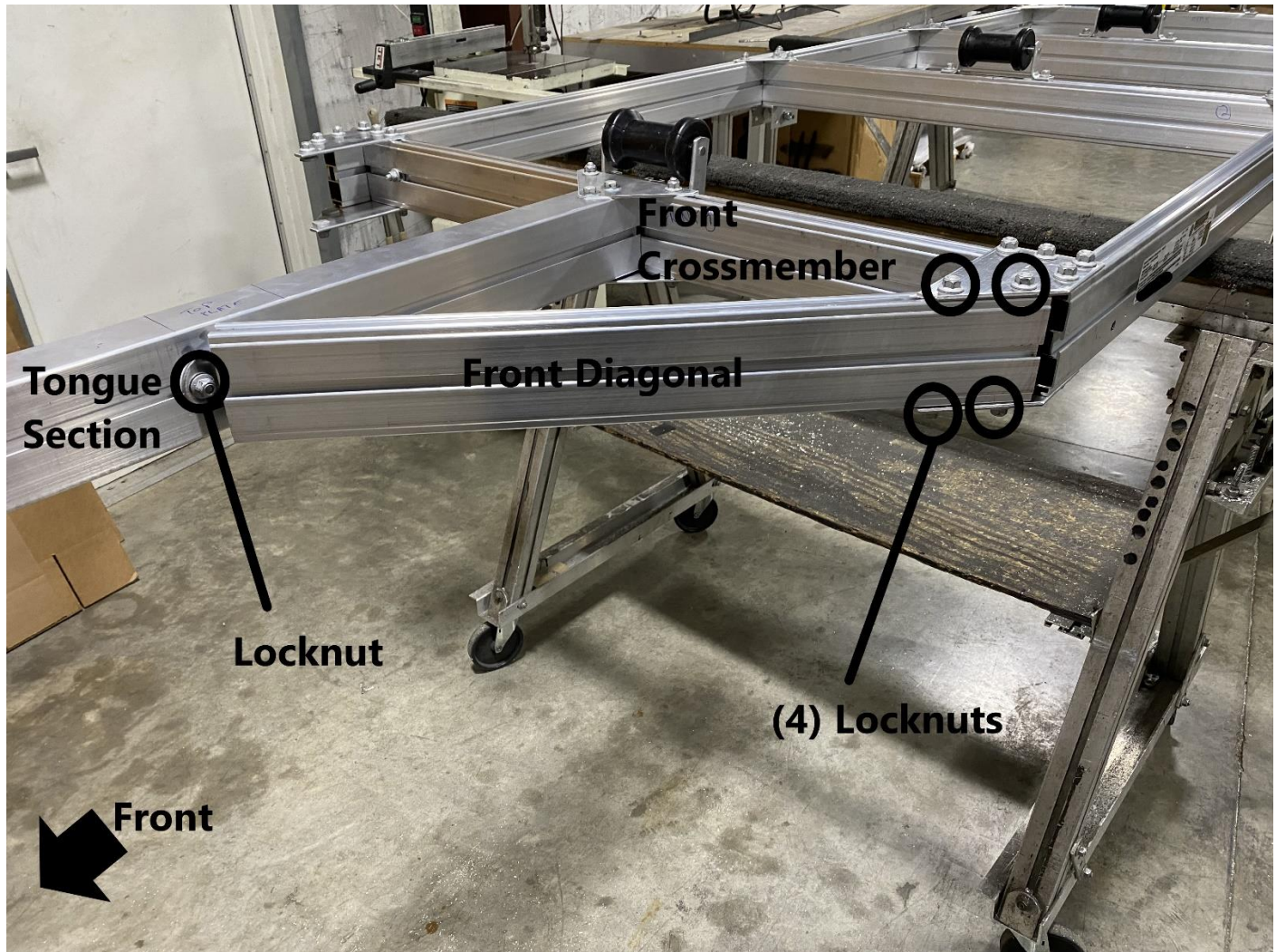
At this point the trailer will look like this.



Locate the (2) front diagonals.



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



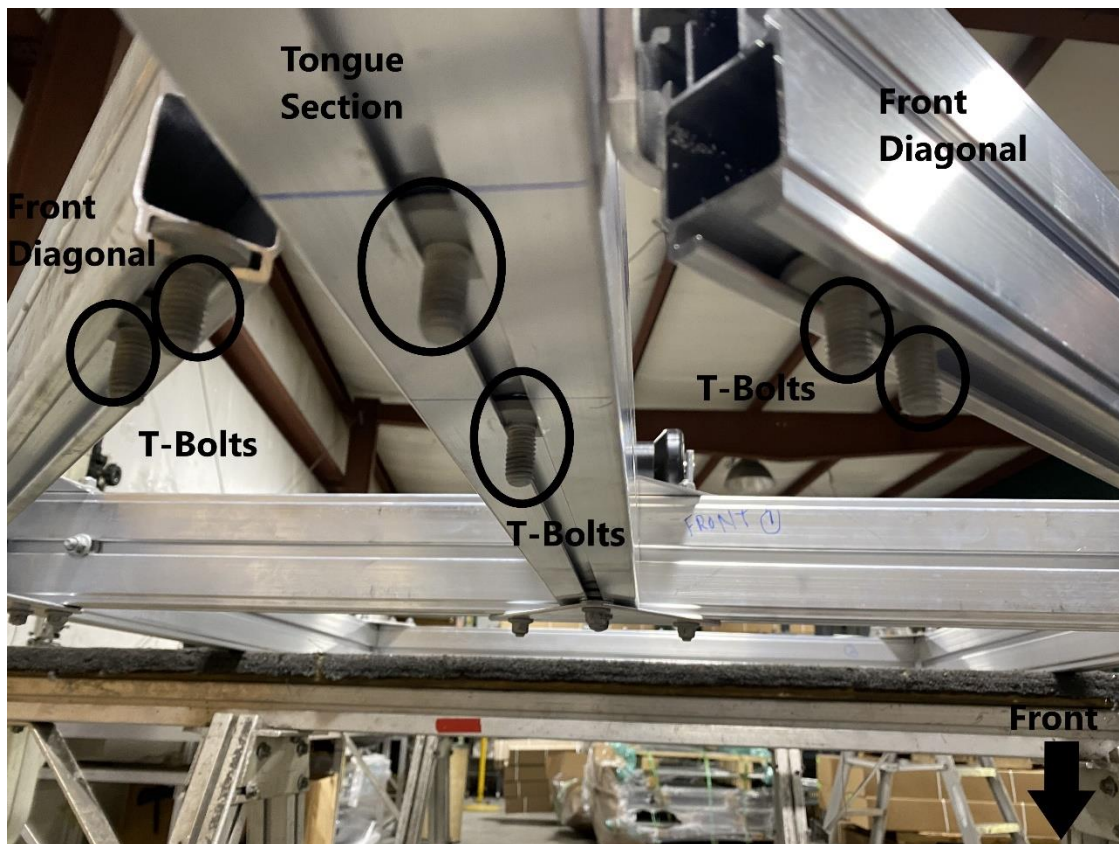
Install the front diagonal to the tongue section and front crossmember as shown. Slide the (4) T-bolts of the front crossmember through the top and bottom grooves of the front diagonal. Install the front diagonal to the T-bolt on the tongue section. Replace the locknut on the T-bolt installed on the tongue section and tighten using a 9/16" wrench. Tighten the (4) locknuts on the front crossmember using a 9/16" wrench. Repeat this process to install a second front diagonal.



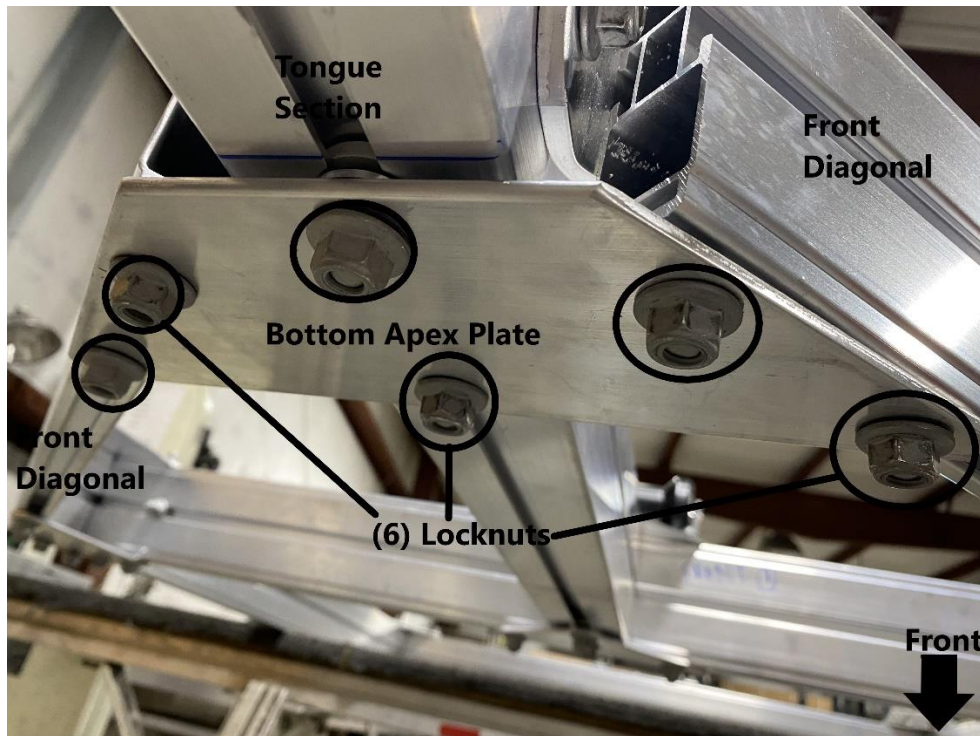
At this point the trailer looks like this.



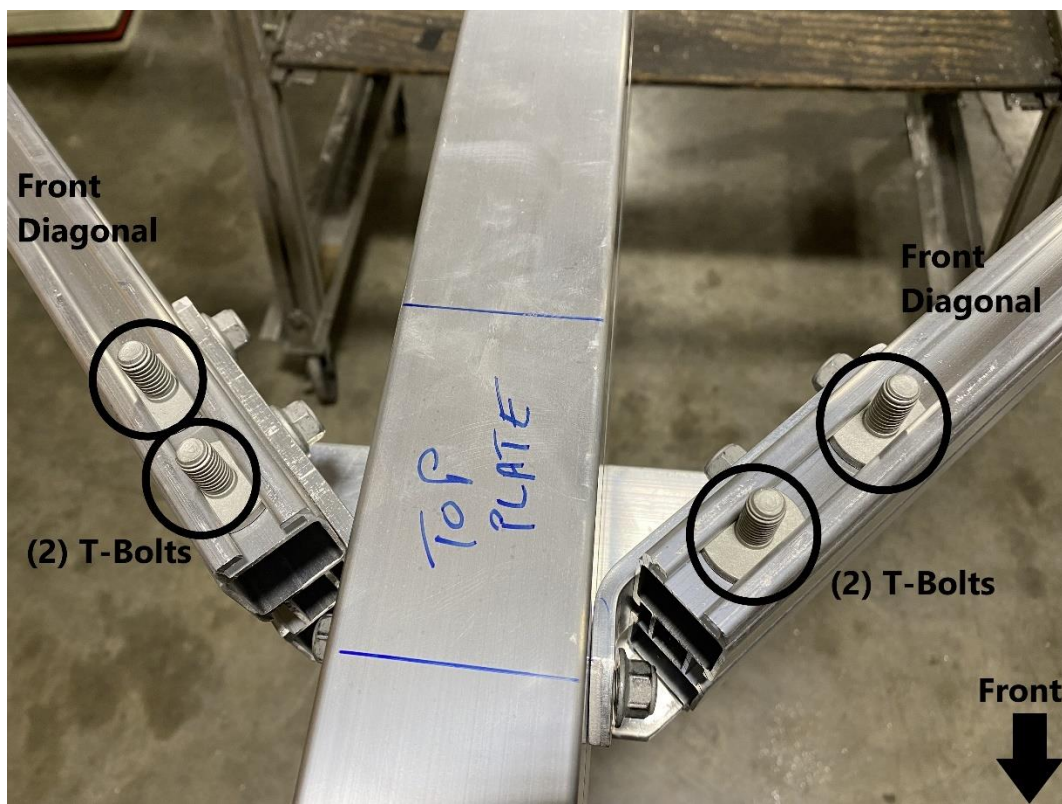
Locate the top and bottom apex plates. Remove all the T-bolts and locknuts using a 9/16" wrench.



Locate the bottom grooves of the front diagonals. Install (2) T-bolts into each bottom groove of the front diagonals as shown. The tongue section will have (2) T-bolts and locknuts installed in the bottom groove. Remove the (2) locknuts using a 9/16" wrench.



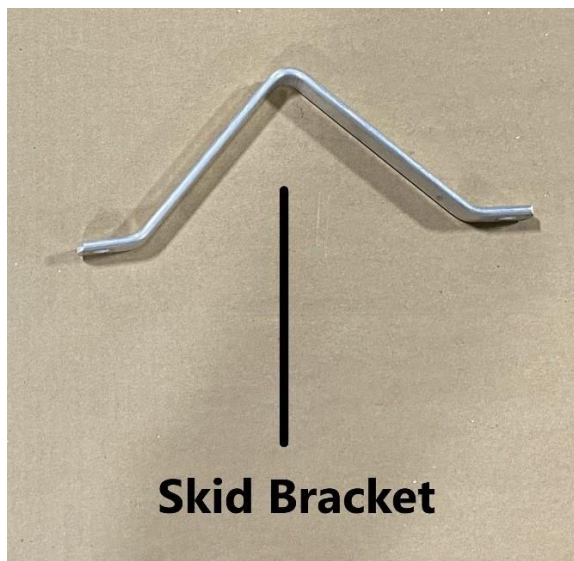
Install the bottom apex plate as shown using the (4) T-bolts in the front diagonals and the (2) T-bolts in tongue section. Install (6) locknuts and tighten using a 9/16" wrench.



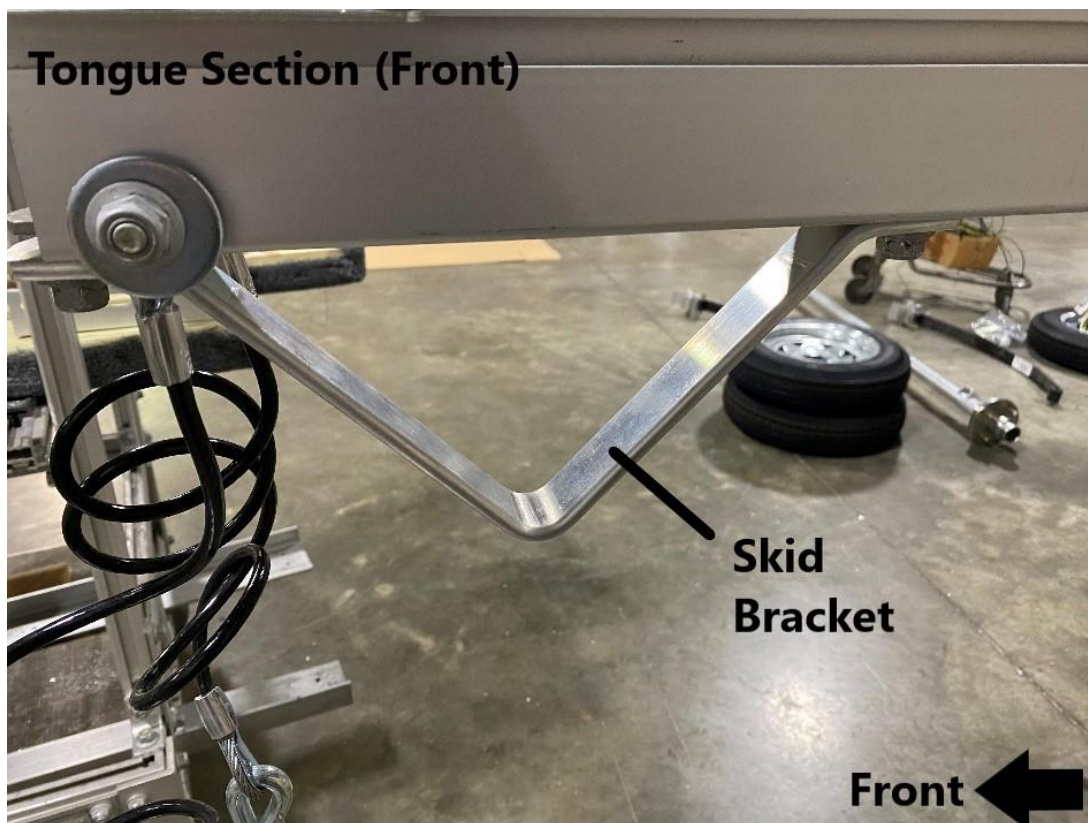
Install (4) T-Bolts into the top grooves of the front diagonals as shown.



Install the top apex plate as shown, using the (4) T-Bolts installed on the front diagonals. Install (4) locknuts and tighten using a 9/16" wrench.



Locate the skid bracket.

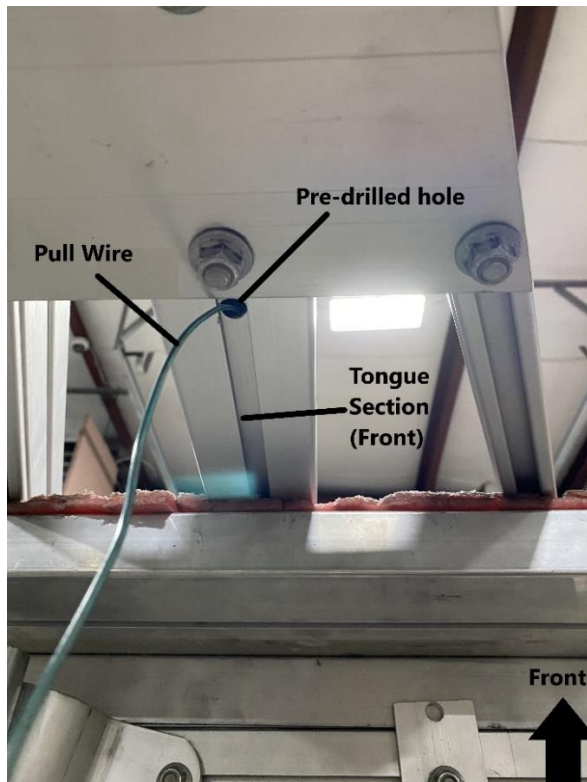


Install the skid bracket to the bottom of the front tongue section as shown. Slide the (2) T-bolts through the bottom groove of the tongue section then tighten the (2) locknuts using a 9/16" wrench.

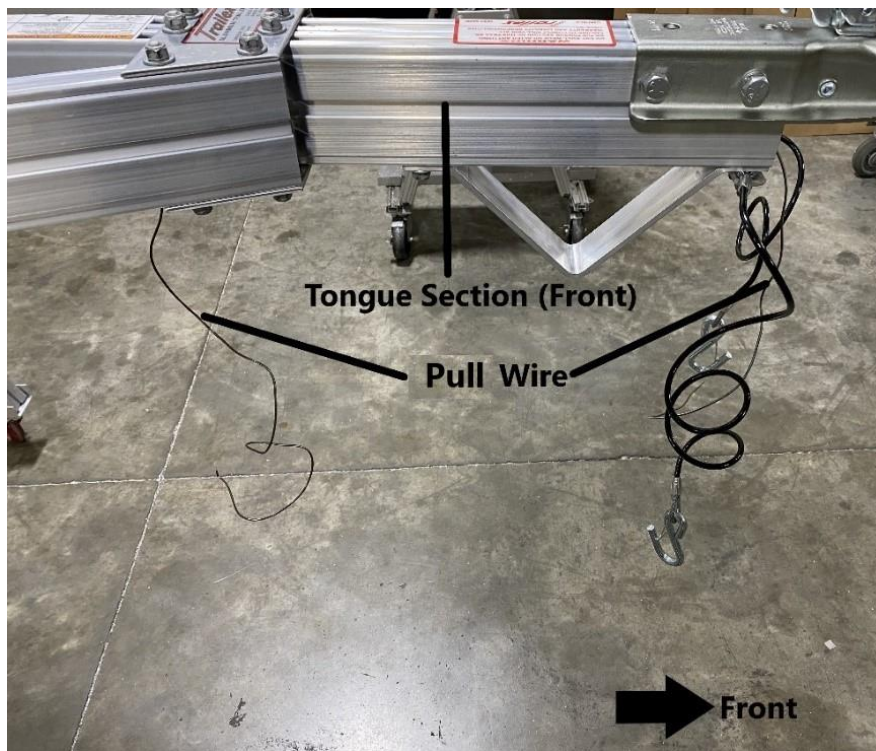
Wiring Harness Installation



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.



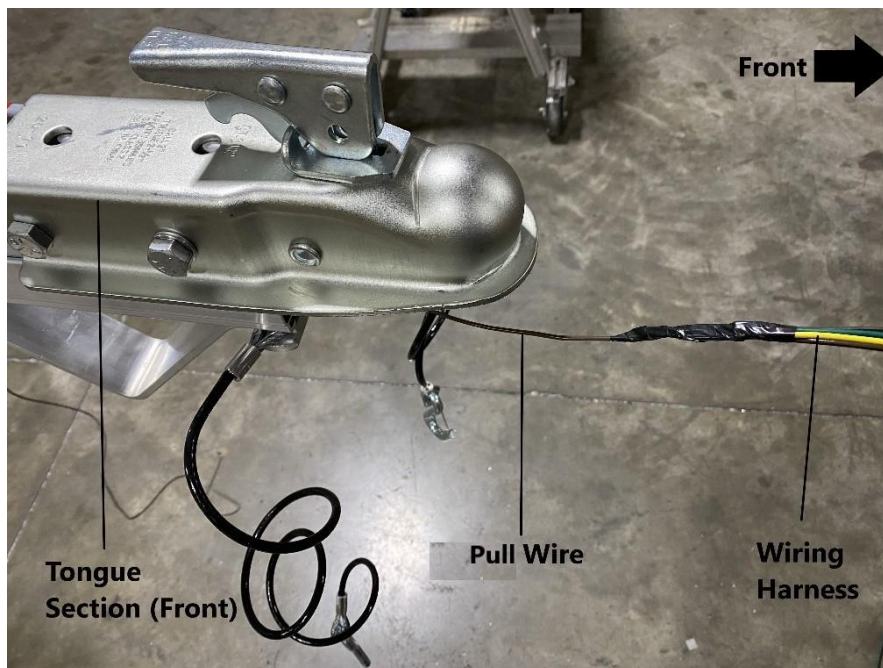
Locate the pre-drilled hole on the bottom of the front tongue section. Push the pull-wire through the pre-drilled hole towards the coupler at the front of the tongue section.



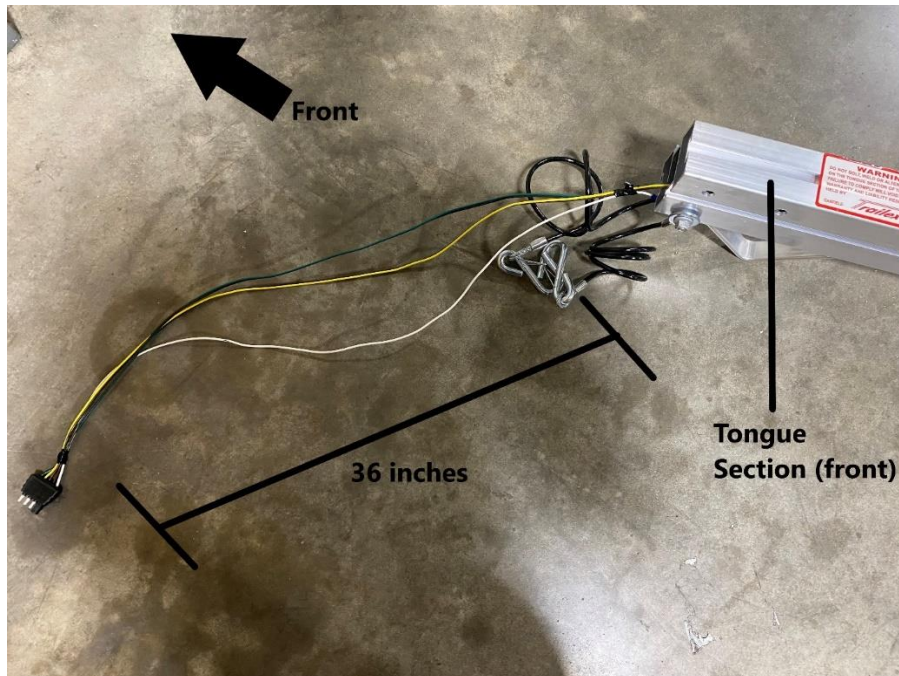
Continue running the pull wire until it is through the front tongue section.



Locate the wiring harness.



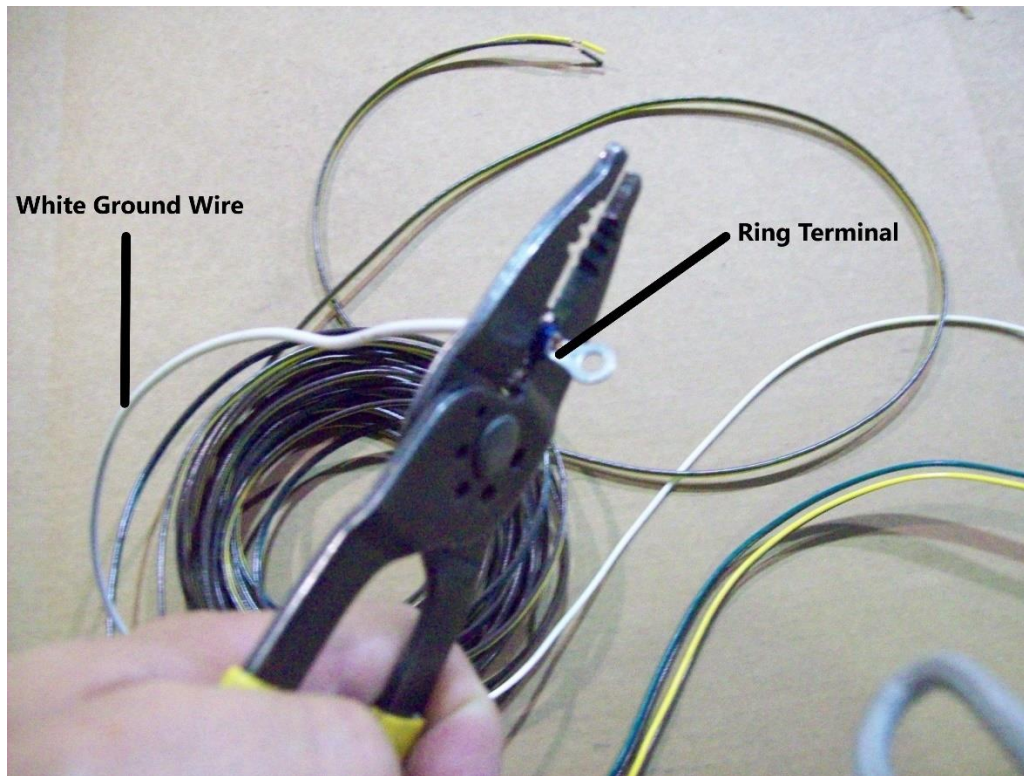
Use electrical tape to attach 4 harness wires (2 brown, 1 green, 1 yellow) to the pull wire. **Do not tape the white ground wire.** The white ground wire will stay at the front of the tongue section.



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.



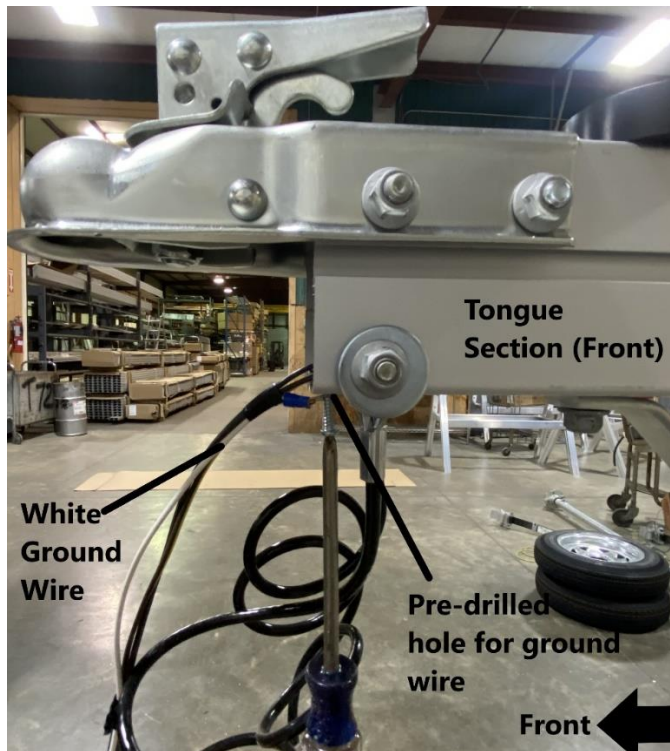
Locate the ring terminal. This will be found in the LED Tail Light Box.



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.



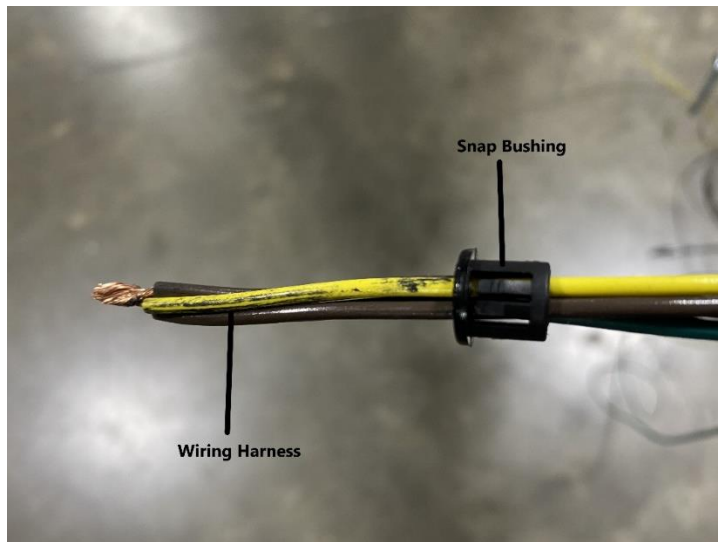
Locate the $\frac{3}{4}$ " long Phillips screw that is found in the LED Tail light box.



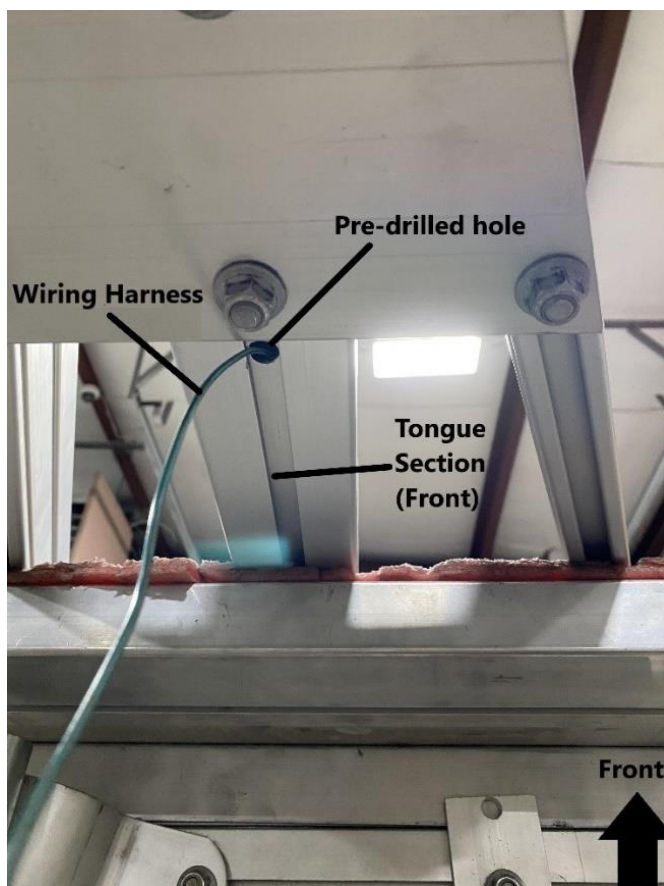
Using a Phillips screwdriver, install the Phillips screw through the ring terminal on the white ground wire into the pre-drilled hole. The pre-drilled hole is located on the bottom of the front tongue section.



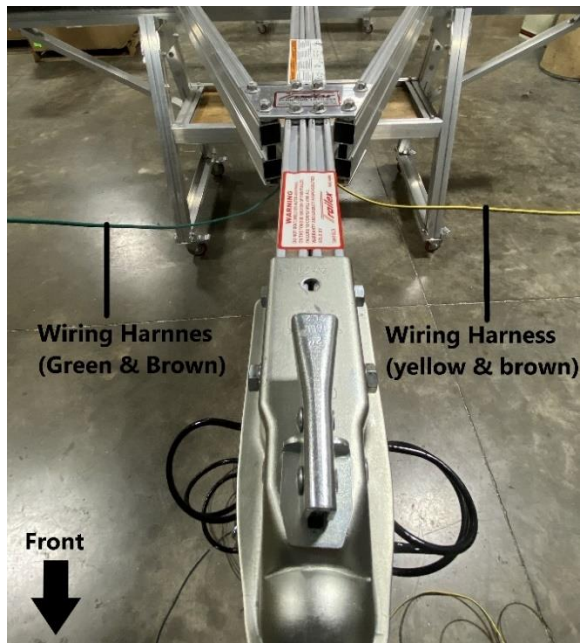
Locate the snap bushing found in the LED Light Kit.



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.



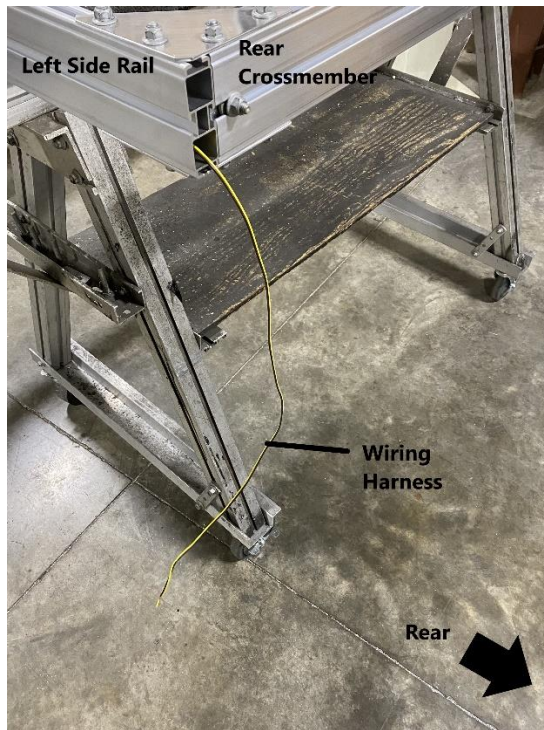
Install the snap bushing into the pre-drilled hole. Run the snap bushing up the wiring harness and press the snap bushing into the pre-drilled hole. Use a standard screwdriver to press the snap bushing into place.



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.



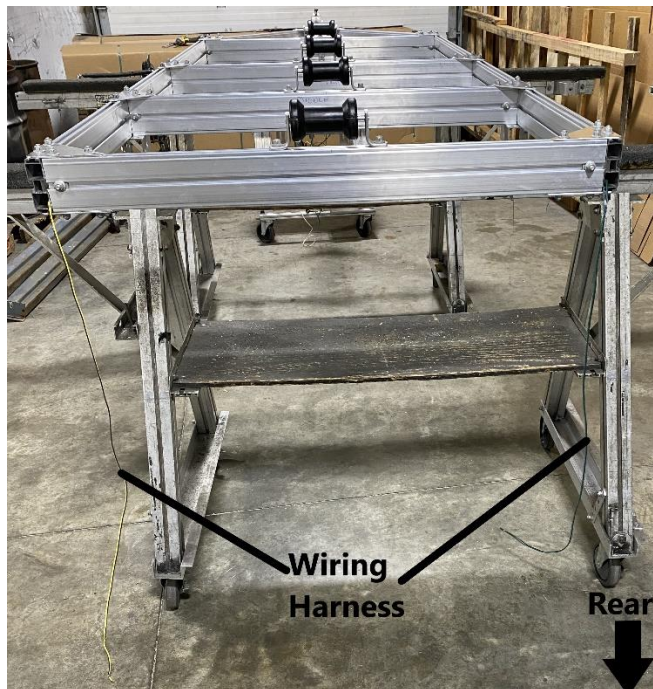
Locate where the tongue section is connected to the front diagonal. Push the wiring harness through the bottom of the front diagonal.



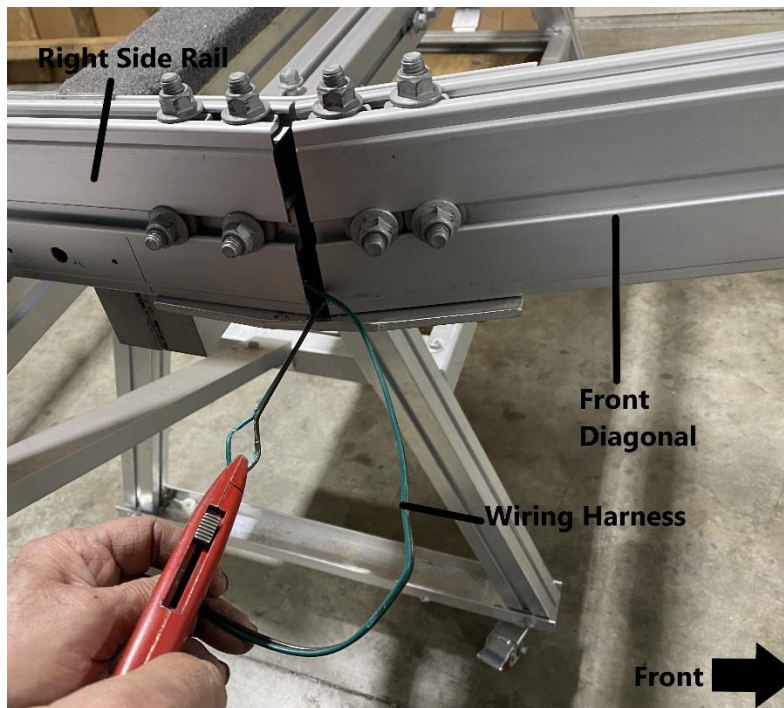
Continue pushing the wiring harness through the left side rail until it is hanging at the rear of the trailer.



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



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



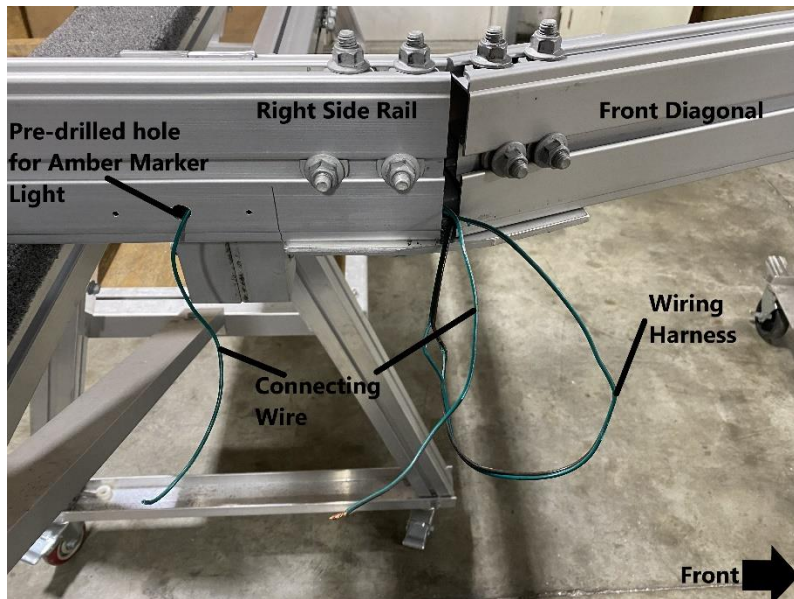
Locate the small amount wiring harness left between the front diagonal and the right side rail. Use a utility knife to separate the green wire from the brown wire. **Do not cut through the wires.**



The wiring harness will now look like this.

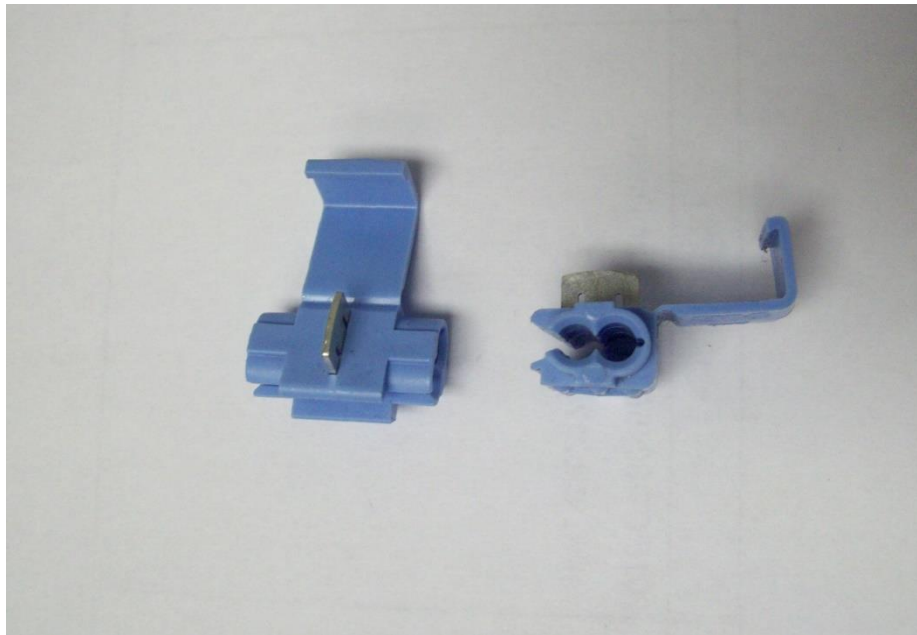


Locate the 2 foot connecting wire in the LED light kit. This will be used to connect the amber marker lights to the wiring harness.

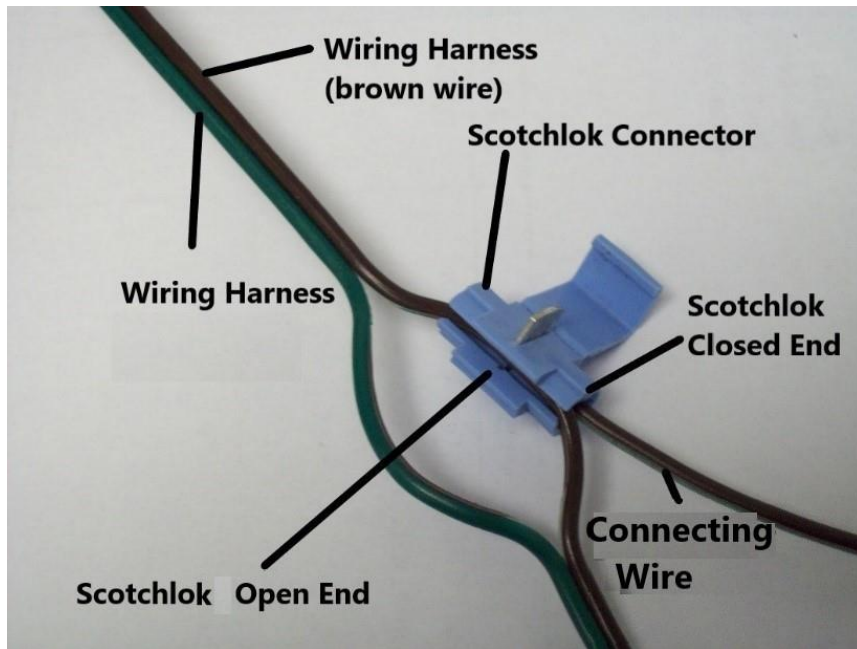


Push the connecting wire through the pre-drilled hole for amber marker light until it reaches the opening between the front diagonal and the right side rail.

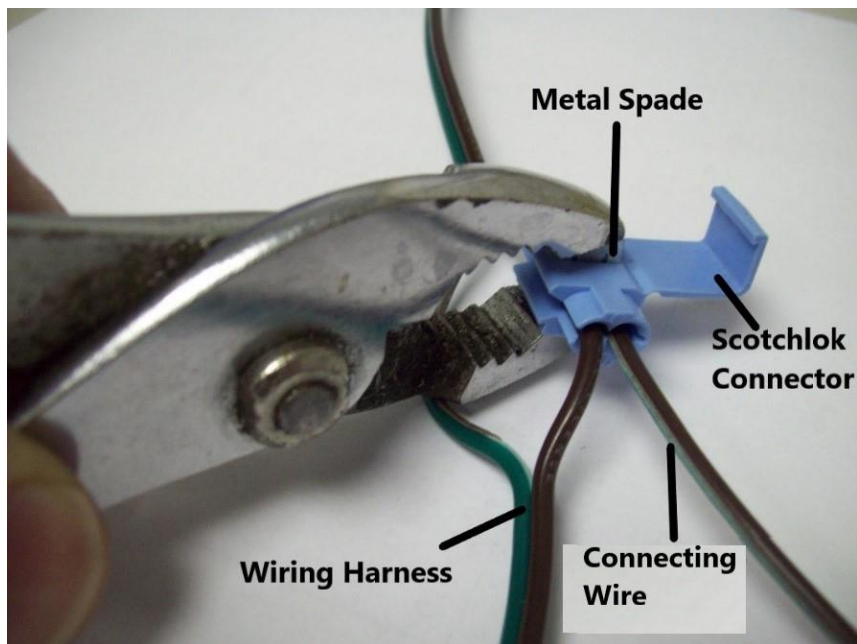
Scotchlok Connector Instructions



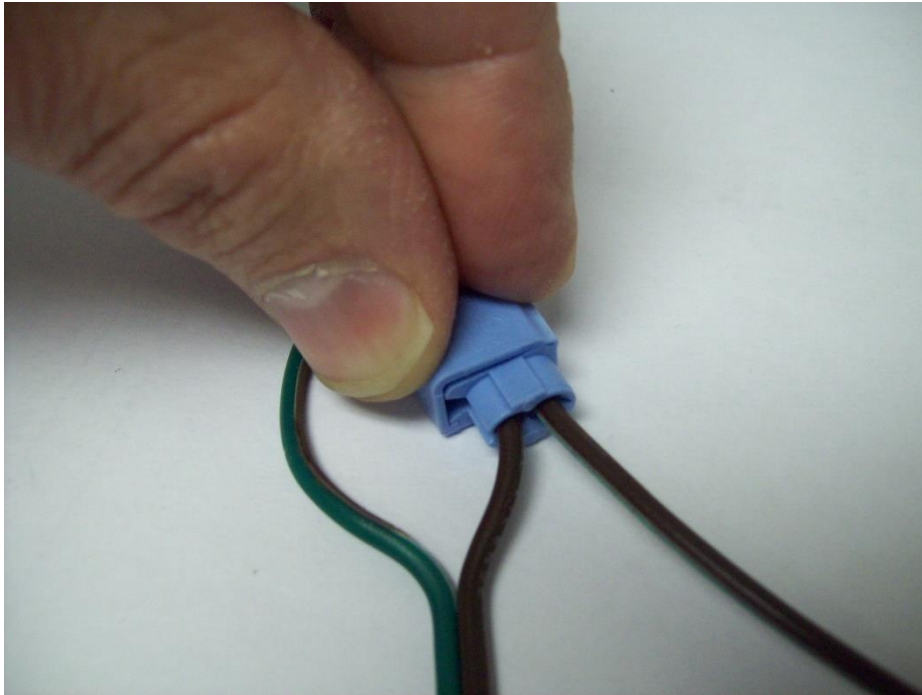
Locate (2) Scotchlok connectors. These will be found in the LED Tail Light Box.



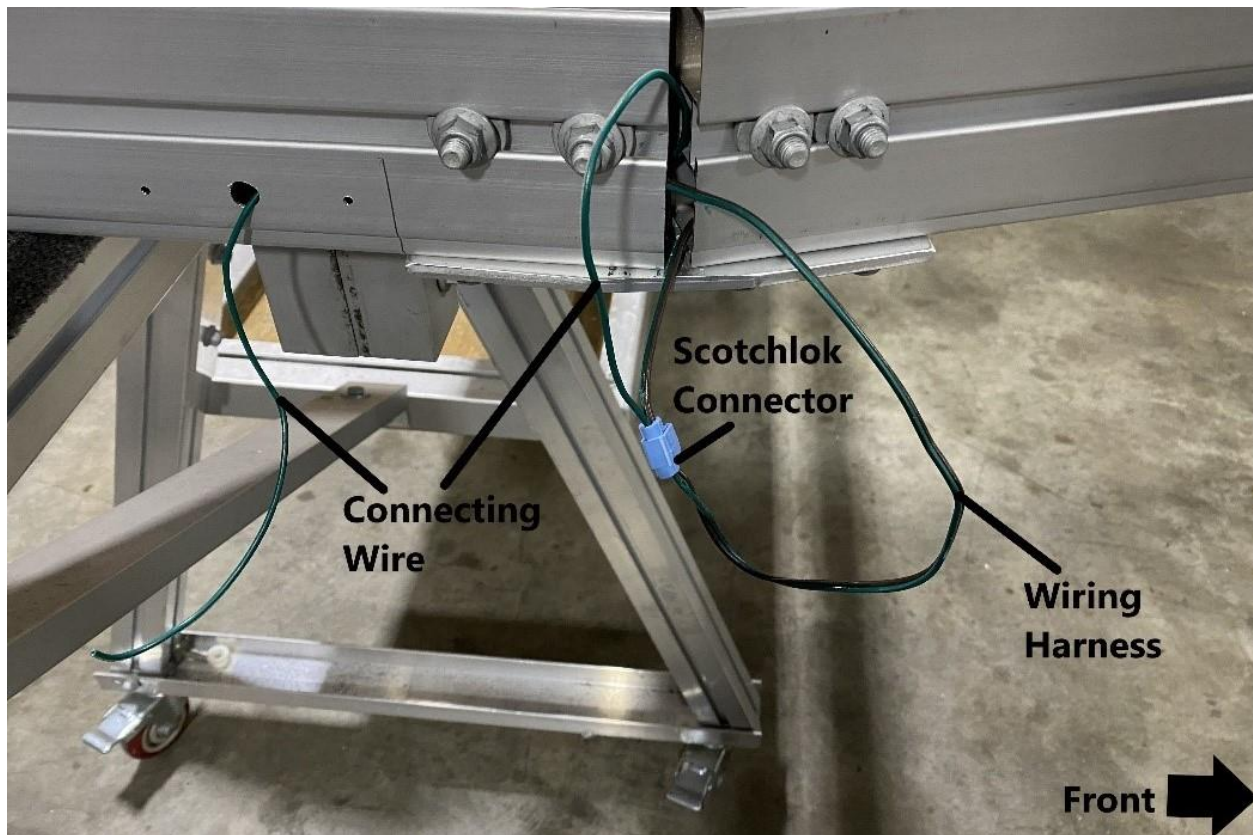
Insert the connecting wire into the Scotchlok connector. This hole does not pass all the way through. The wire should go in about $\frac{1}{2}$ ". Pass the brown wire of the wiring harness through the remaining open slot in the connector.



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.



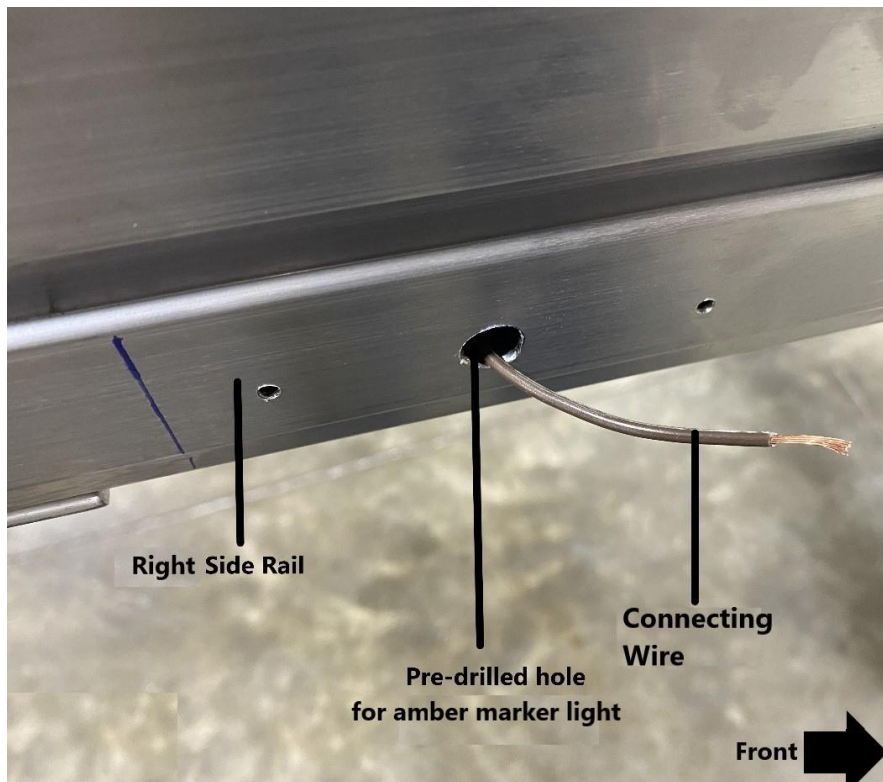
Close the hinge cover on the Scotchlok Connector. Repeat this process for the other side.



When connected, the scotchlok connector will look like this.



Carefully push the wiring harness back into trailer.



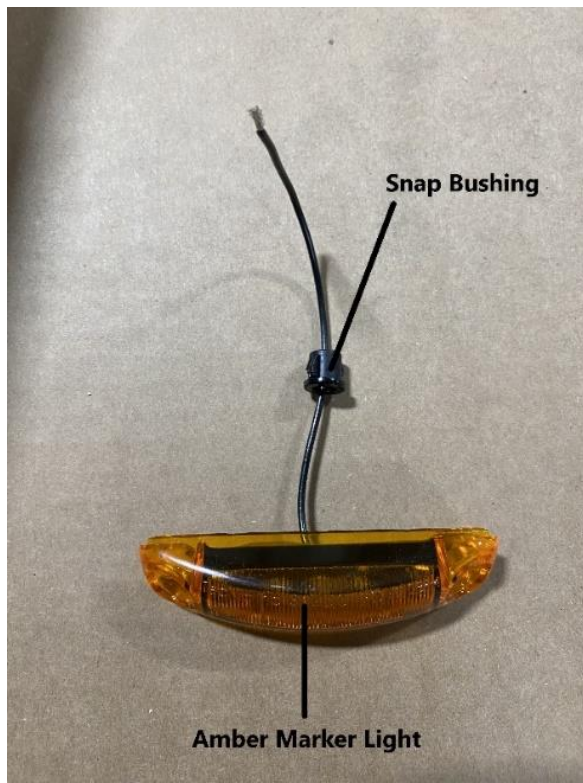
Strip the end of the connecting wire that is located in the pre-drilled hole for amber marker light.



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



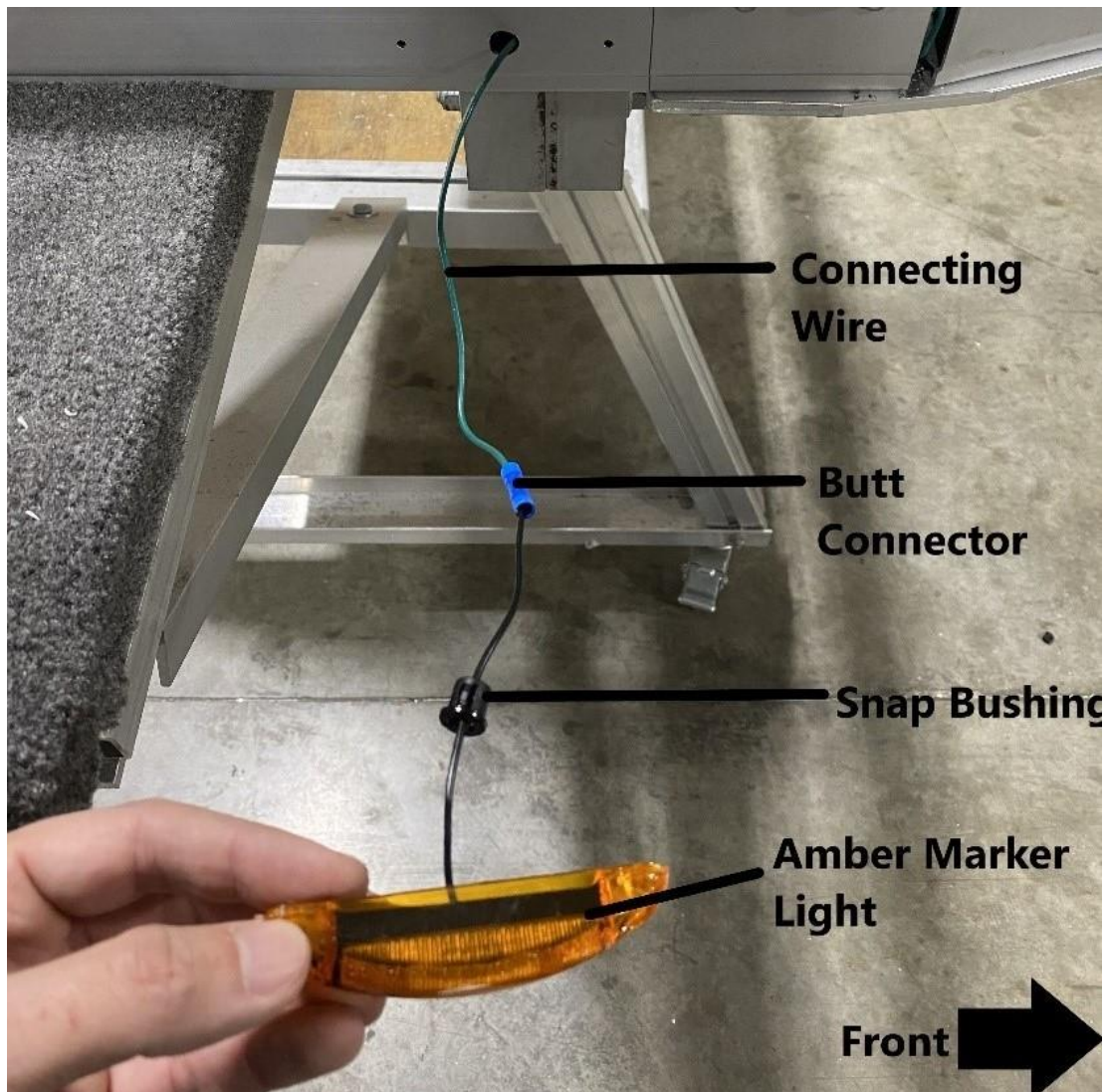
Strip the end of the amber marker light wire.



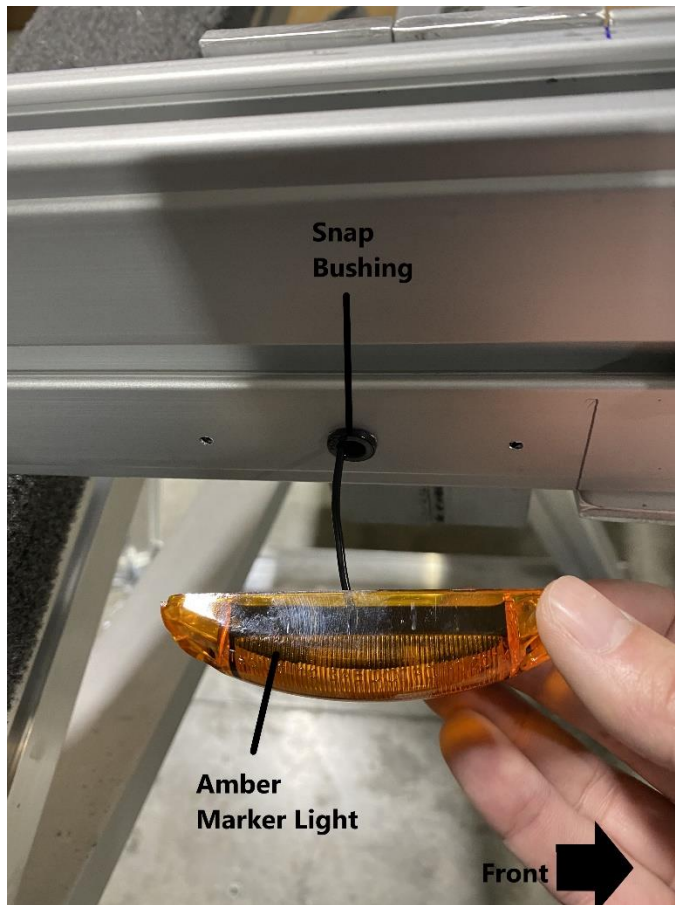
Place a snap bushing on the amber marker light as shown.



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



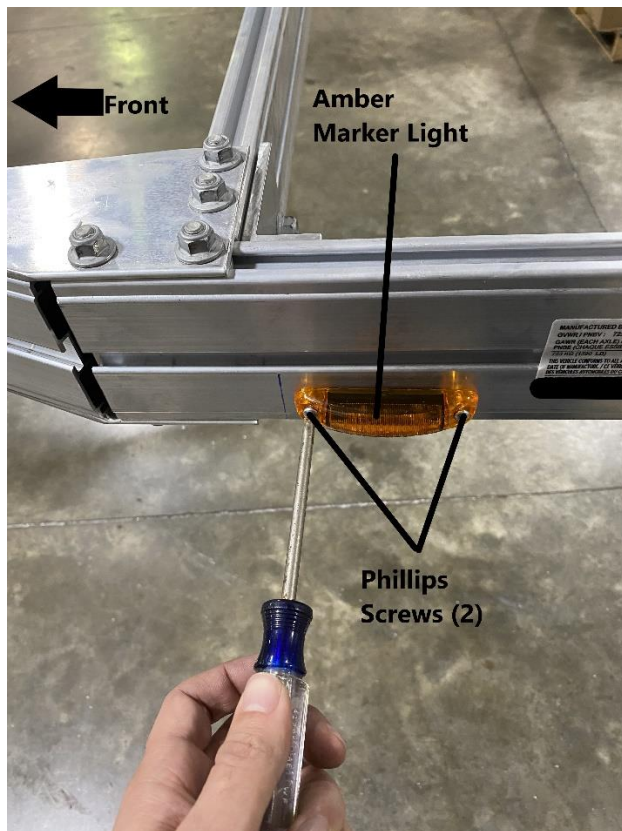
Use the butt connector to attach the connecting wire to the amber marker light. Place both wires into the butt connector and crimp the butt connector.



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



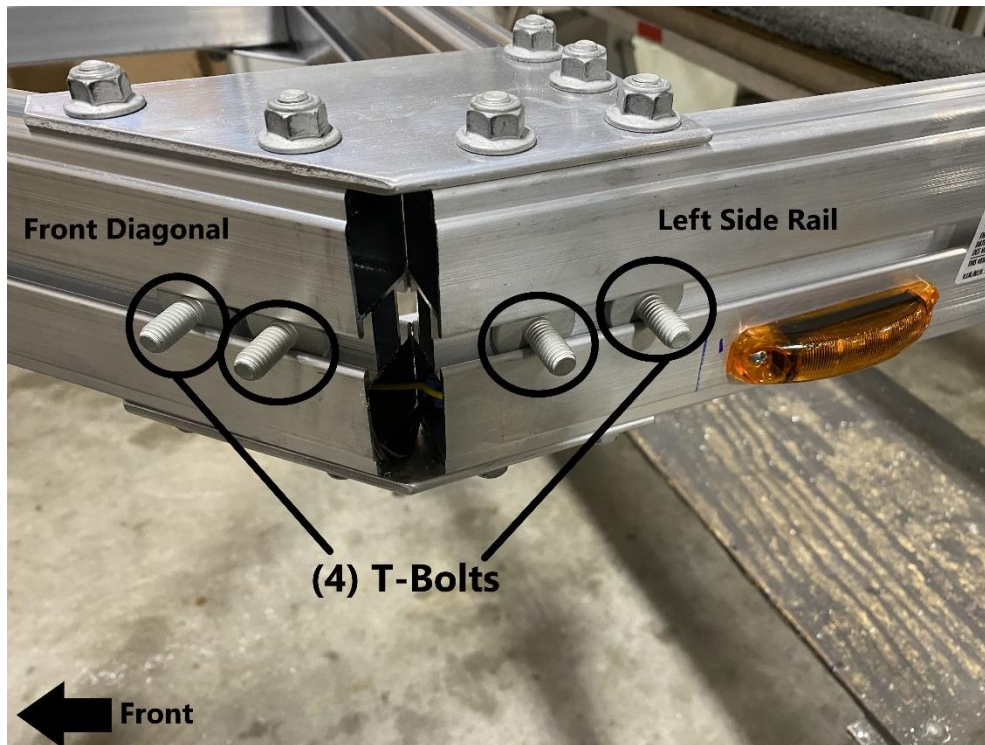
Locate (2) $\frac{3}{4}$ " Phillips screws. These can be found in the LED Tail Light box.



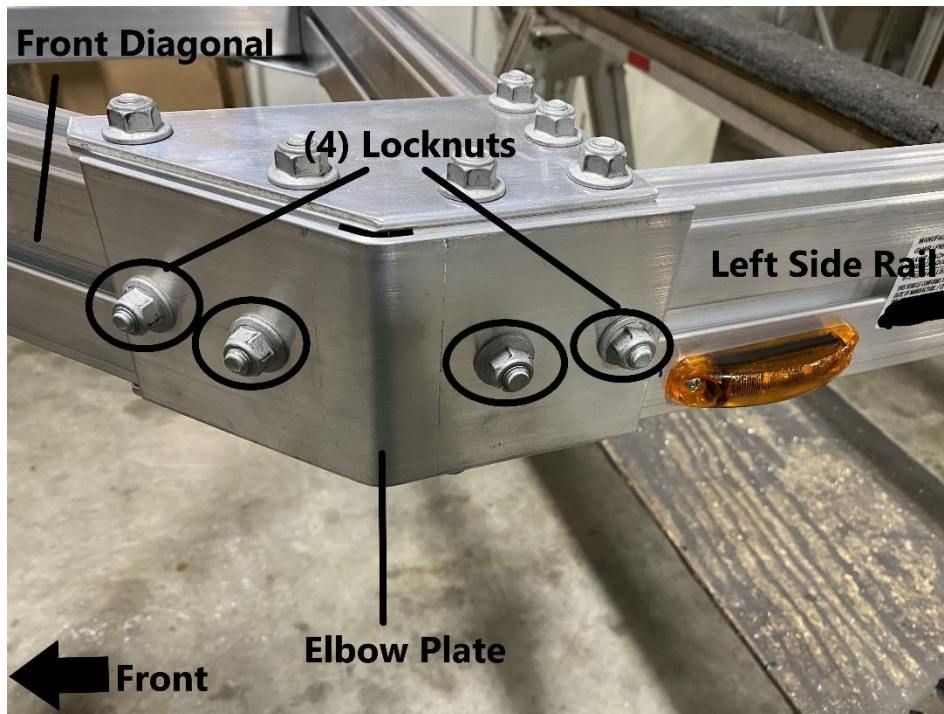
Locate (2) $\frac{3}{4}$ " long Phillips screws found in the LED Light Kit. Install the amber marker light as shown. Repeat the process to install an amber marker light on the other side of the trailer.



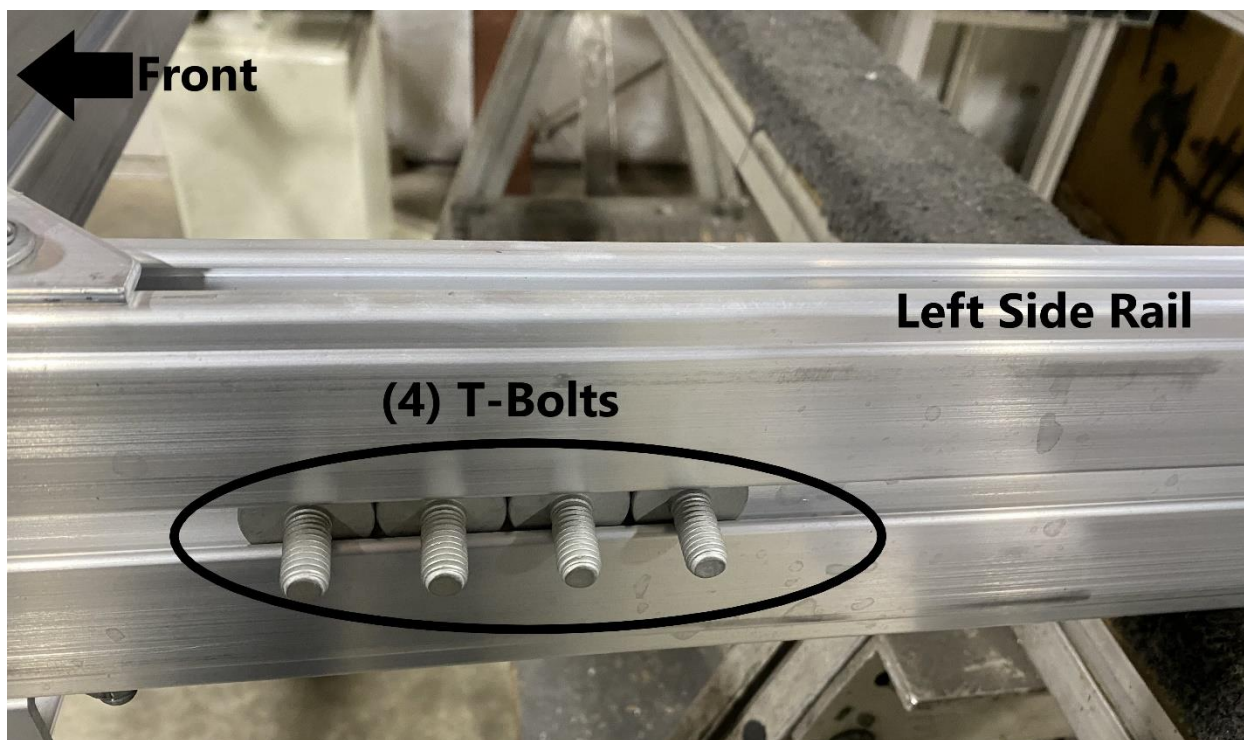
Locate the elbow plate with hardware.



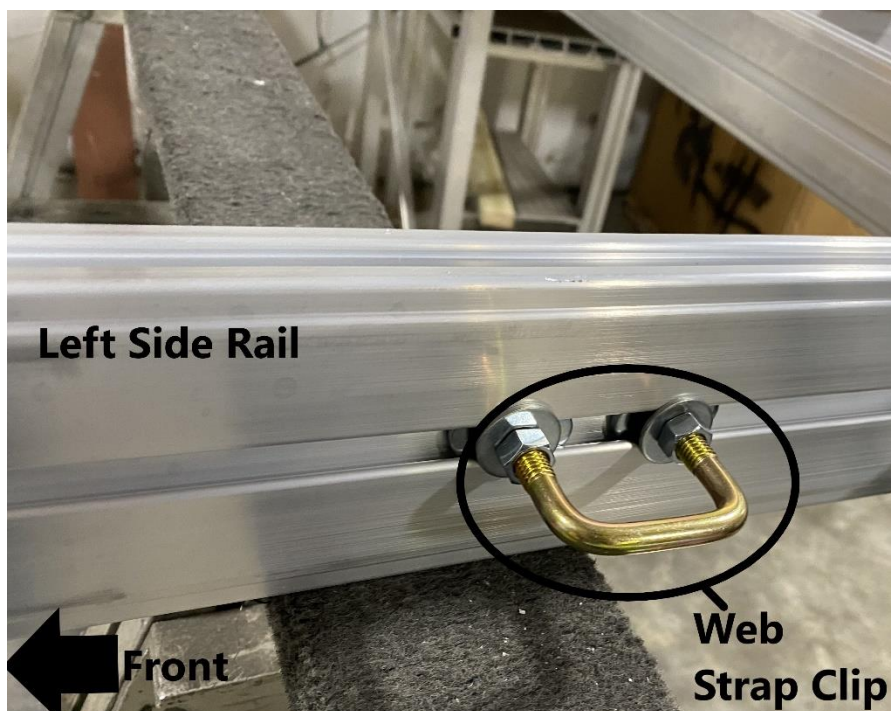
Locate the area where the front diagonal connects to the left side rail. Insert (2) T-Bolts into the groove of the front diagonal and (2) T-Bolts into the groove of the left side rail as shown.



Install the elbow plate to the (4) T-bolts as shown. Install (4) locknuts and tighten using a 9/16" wrench. Repeat this process for the other side.



Move to the rear of the trailer. Install (4) T-Bolts into the outside groove of the left and right side rails. These will be used later to install the fenders.



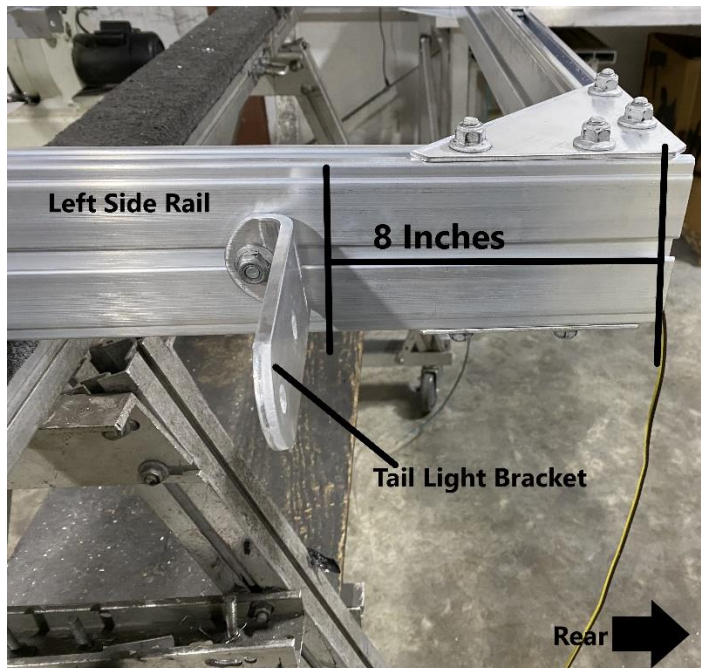
A web strap clip will also need to be installed in the outside groove of both the left and right side rails. This will be used to strap the boat to the trailer.

Tail Light Installation

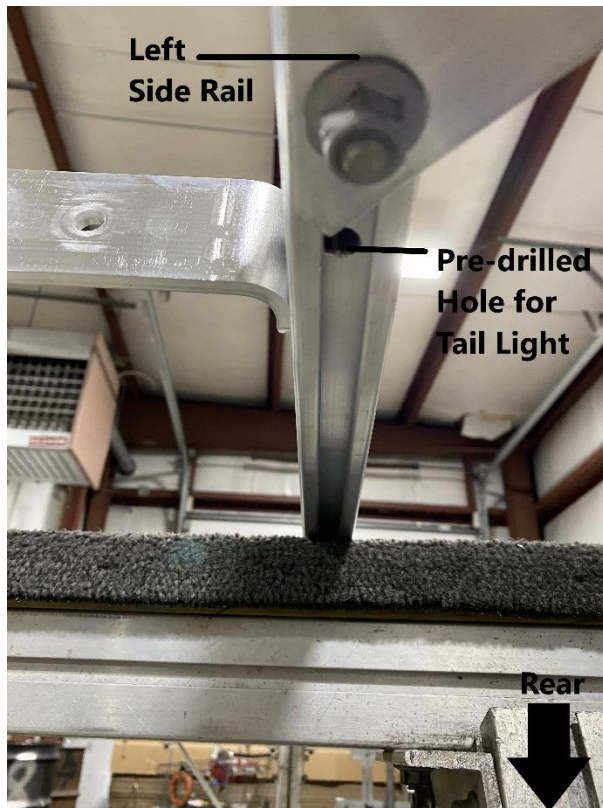


**(2) Tail Light
Brackets**

Locate (2) Tail Light Brackets.



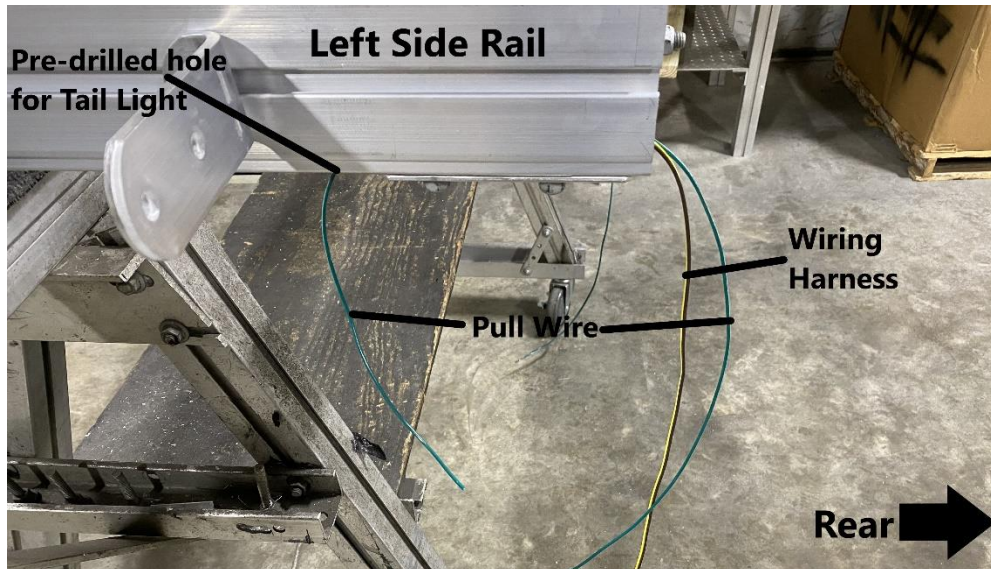
Install the Tail Light Bracket as shown. Measure 8 inches from the end of the left side rail. Slide the T-bolt installed on the tail light bracket into the groove of the left side rail. Move the tail light bracket until it is 8 inches from the end of the left side rail. Tighten the locknut using a 9/16"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



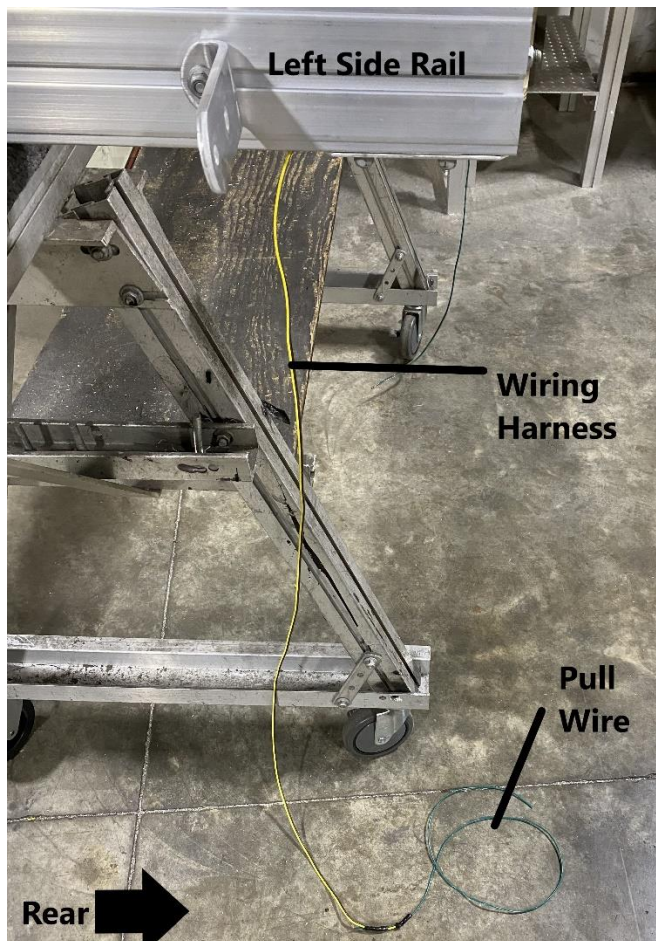
Locate the pre-drilled hole for tail light. This is located on the bottom of the left side rail.



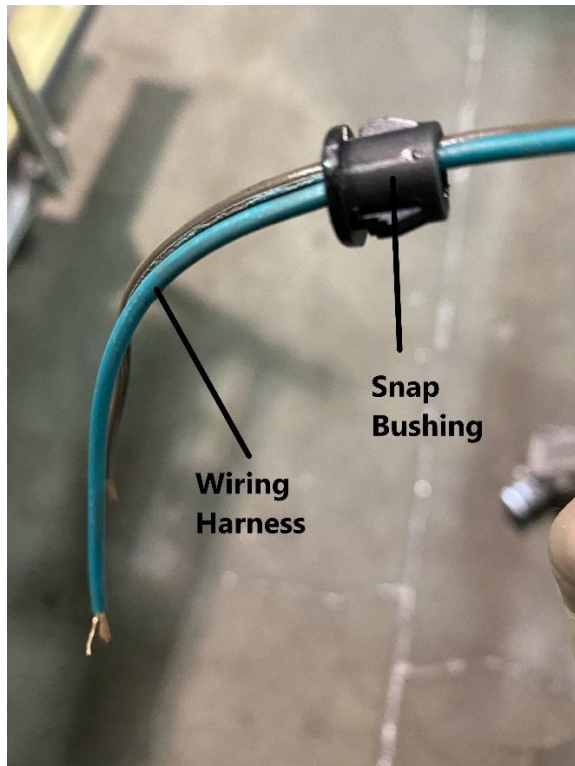
Locate the 2 foot pull wire.



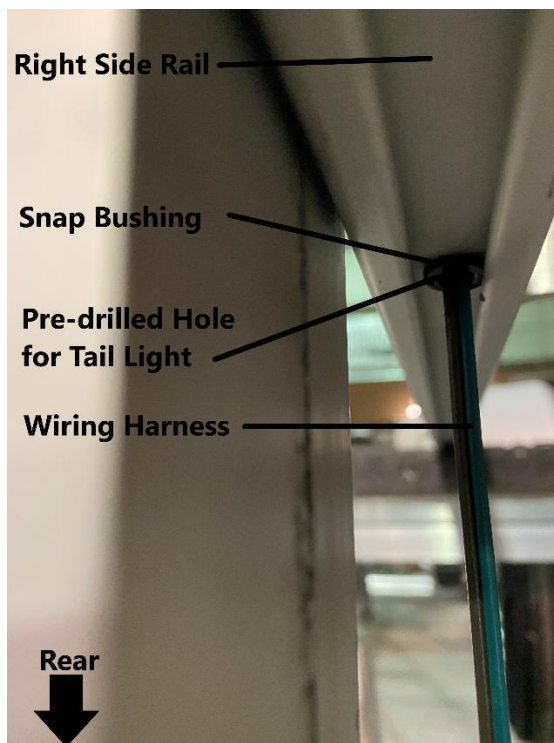
Push the 2 foot pull-wire through the pre-drilled hole and out the end of the left side rail.



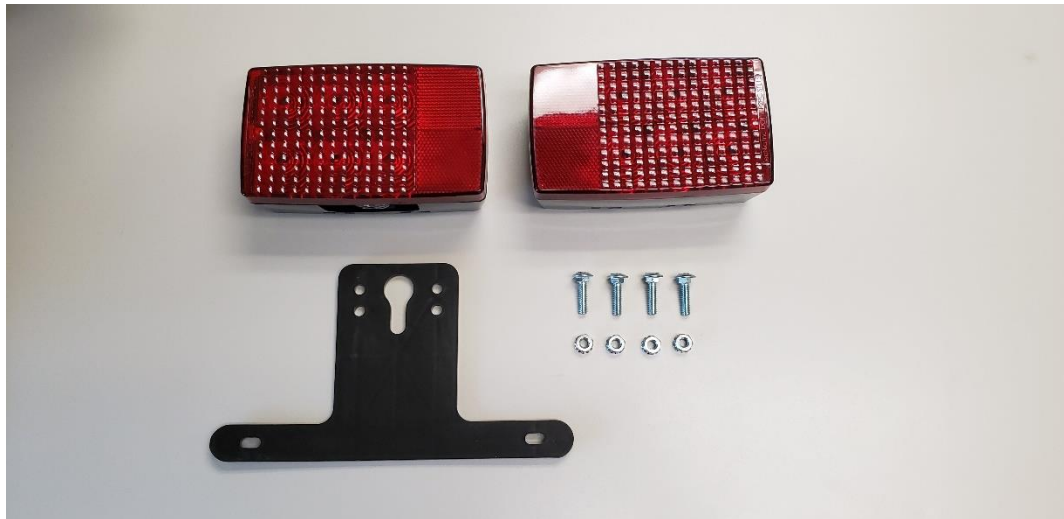
Use electrical tape to connect the end of the wiring harness to the pull wire. Move the wiring harness through the pre-drilled hole for tail light until the wiring harness is hanging underneath the right side rail. Remove the electrical tape and the pull wire.



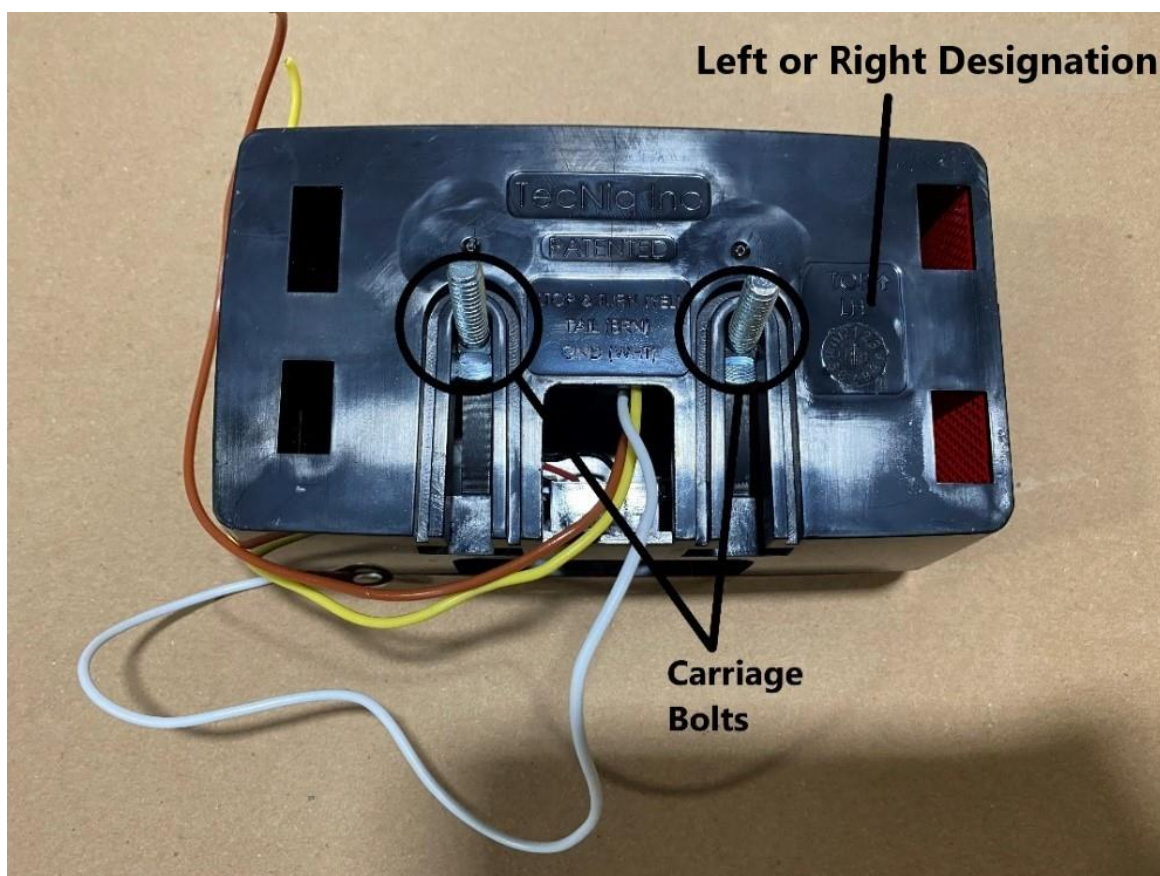
Place a snap bushing at the end of the wiring harness as shown.



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.



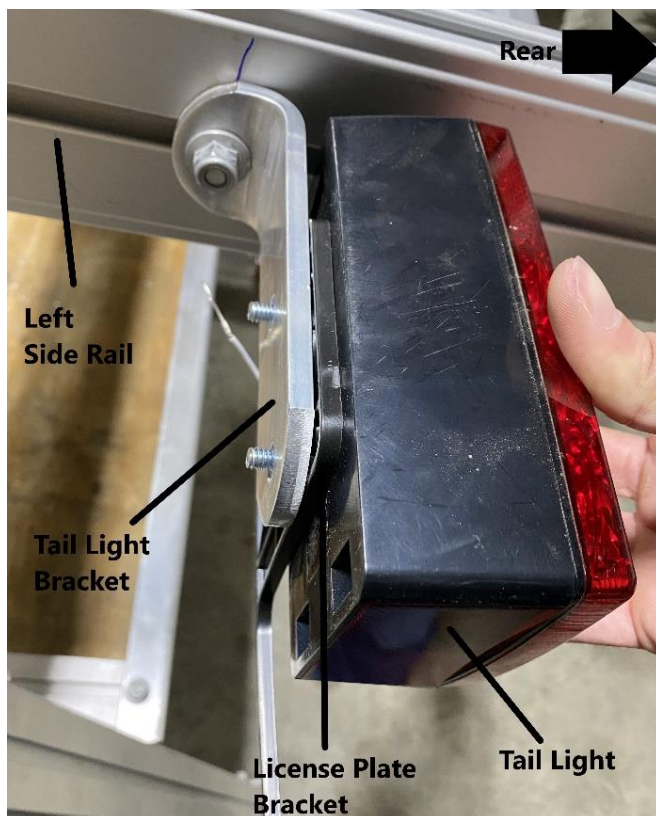
Locate (2) tail lights, (1) license plate bracket, (4) carriage bolts and (4) nuts. These will be inside the LED Light Box.



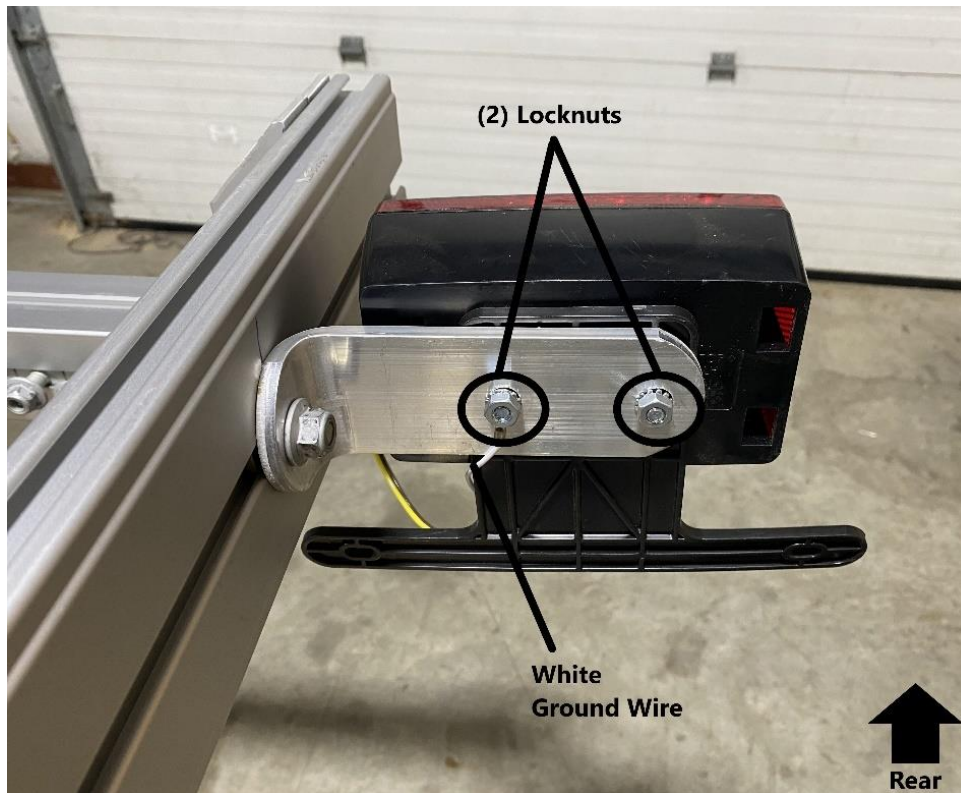
Place the (2) Carriage bolts into the grooves in the tail lights as shown. Note that the back of tail light shows if the light is the left/driver side (LH) or the right/passenger side (RH). It will also show which end is the top of the tail light.



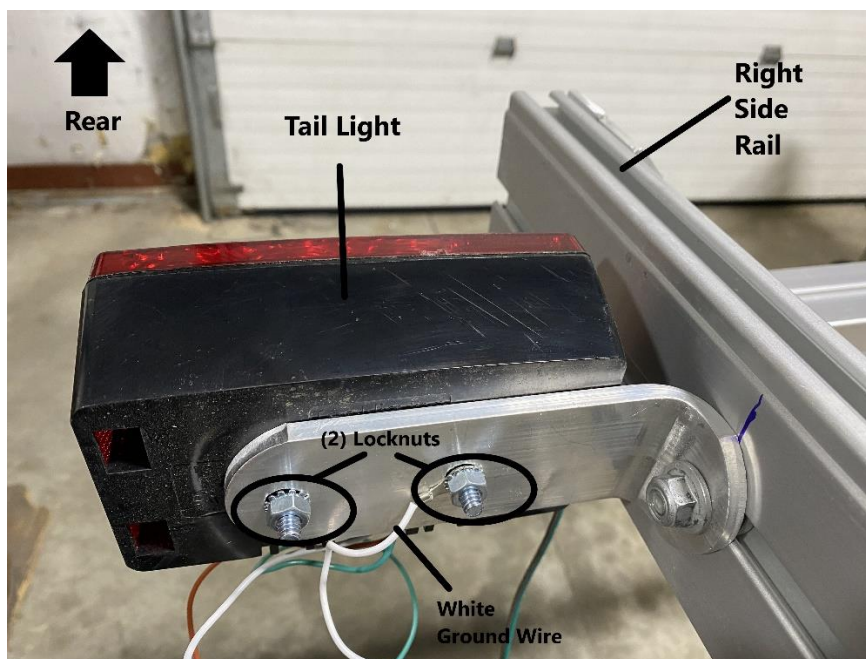
Locate the left/driver side (LH) tail light. Install the license plate bracket to the tail light as shown.



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.



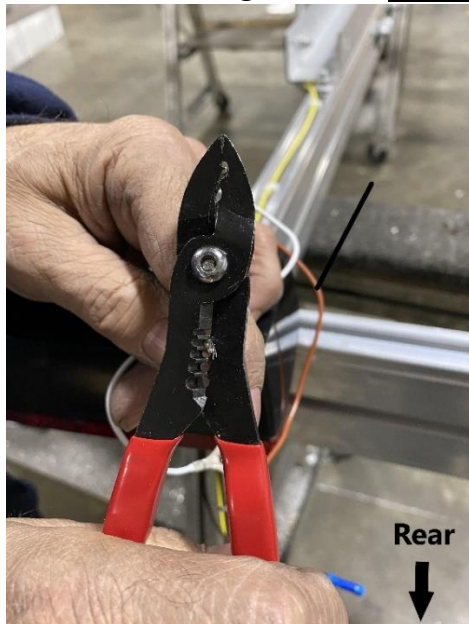
Install the white ground wire of the tail light to a carriage bolt as shown. Install (2) locknuts and tighten using a 9/16" wrench.



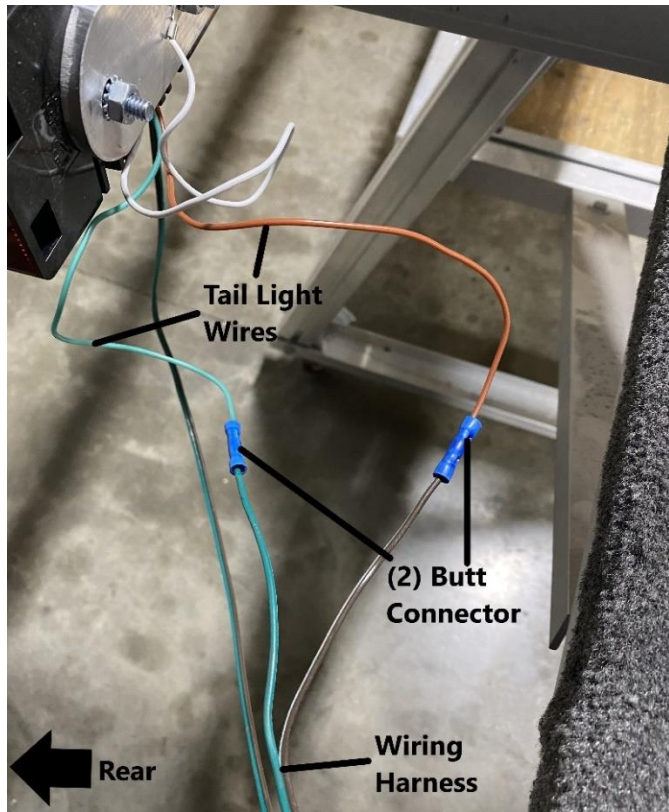
Repeat the process to install the right (RH) tail light to right/passenger side. Install the white ground wire to a carriage bolt as shown. Install (2) locknuts and tighten using a 9/16" wrench.



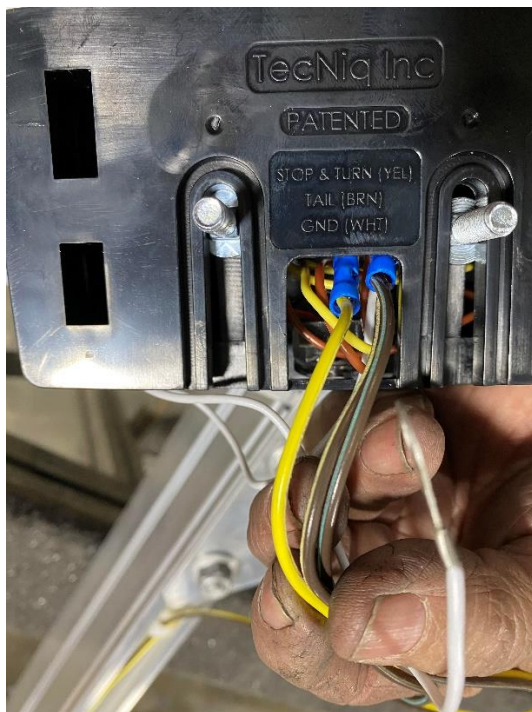
Locate the end of the wiring harness by rear crossmember. Use a utility knife to split the two wires of the wiring harness. **Do not cut the wires.** Repeat this process for the other side.



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.

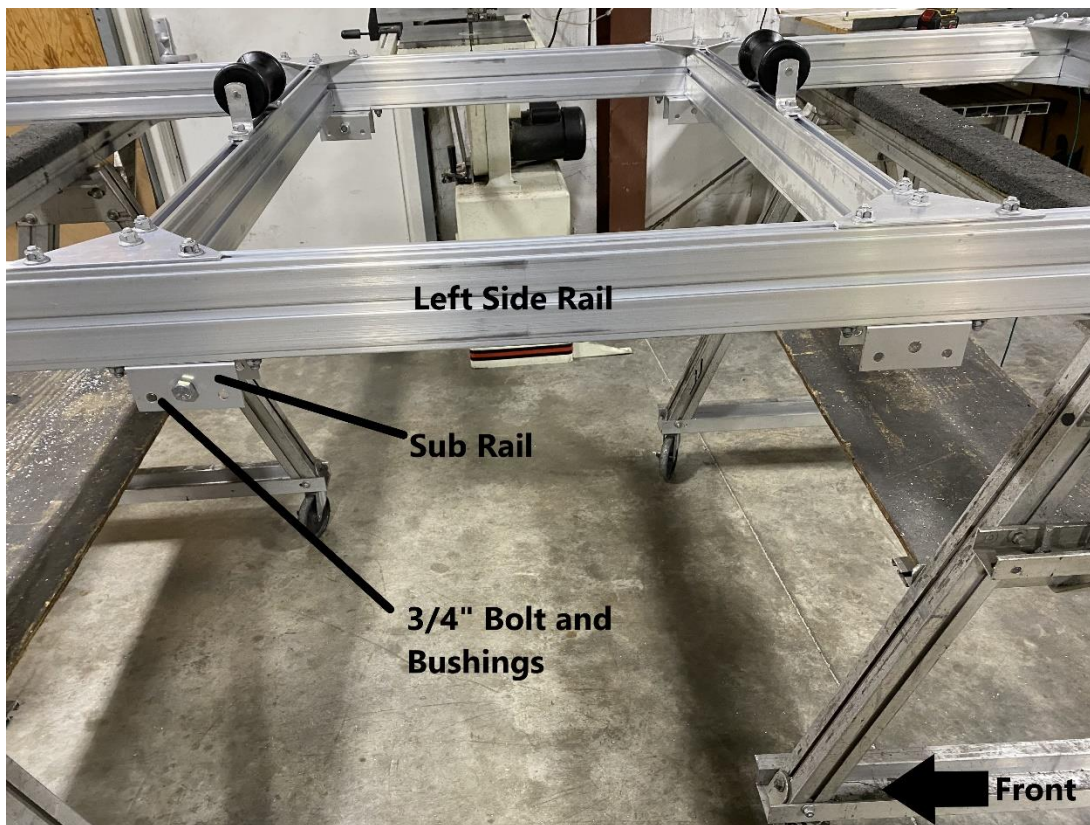


Excess wire can be placed inside the tail light.

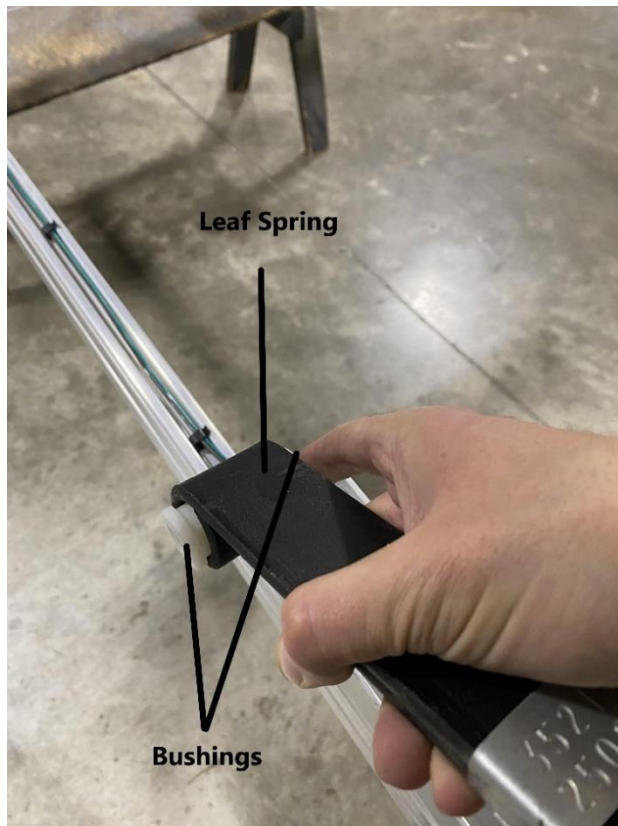
Leaf Spring / Axle Installation



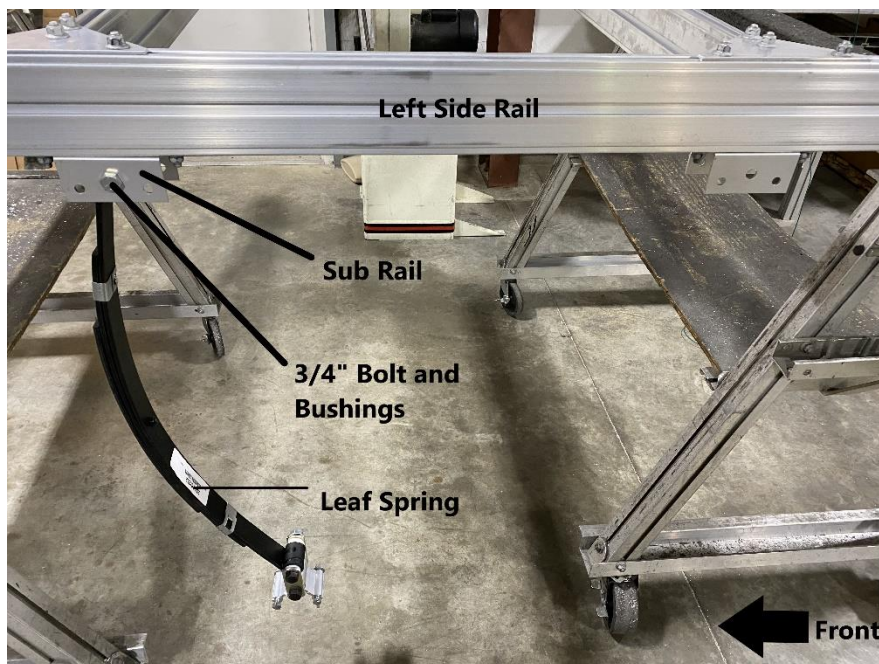
Locate the (2) leaf spring assemblies. Remove the plastic wrap.



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.



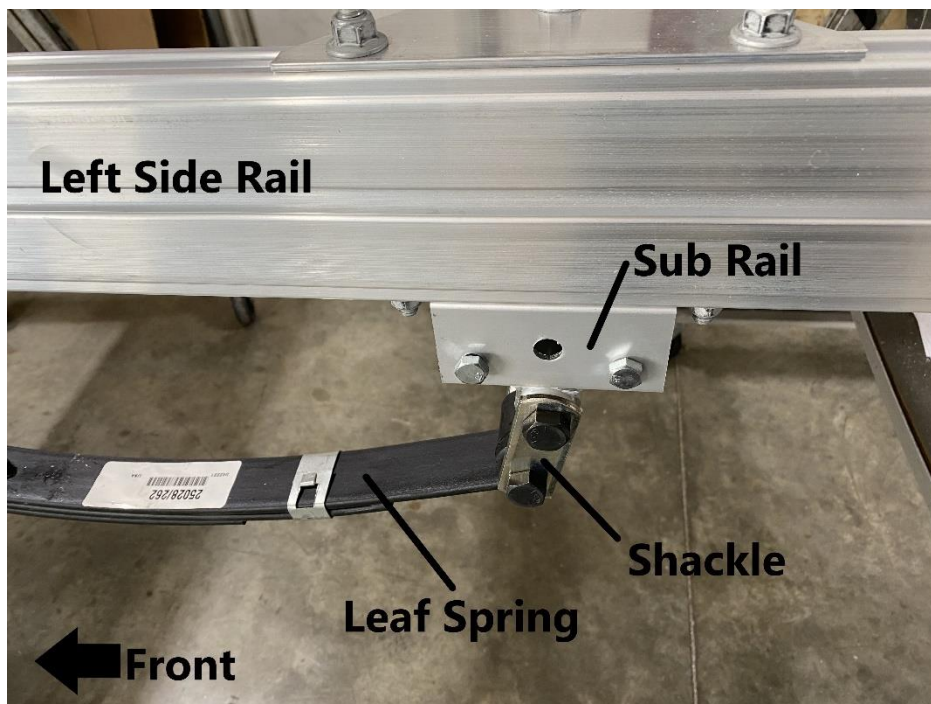
Insert the (2) nylon bushings into the leaf spring.



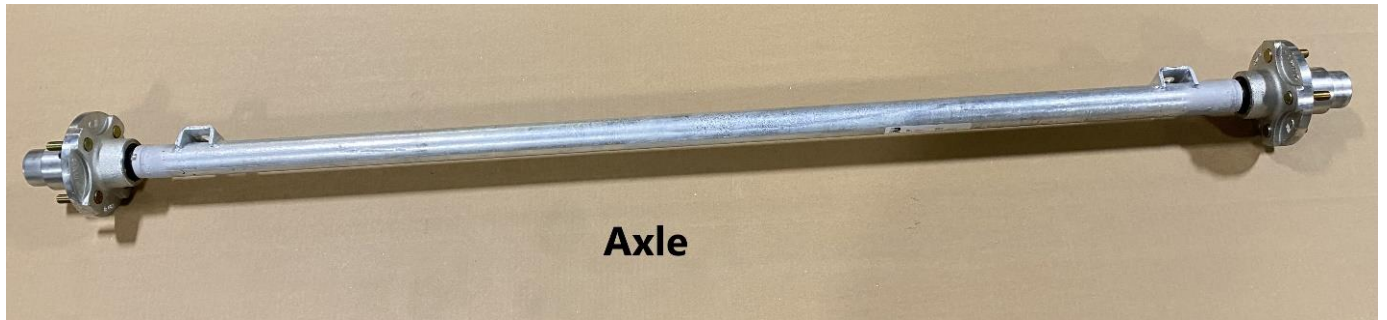
Install the leaf spring to the sub rail as shown. With the (2) bushings in the leaf spring, replace the $\frac{3}{4}$ " bolt through the sub rail, bushings, and leaf spring. Replace the nut but do not fully tighten yet.



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



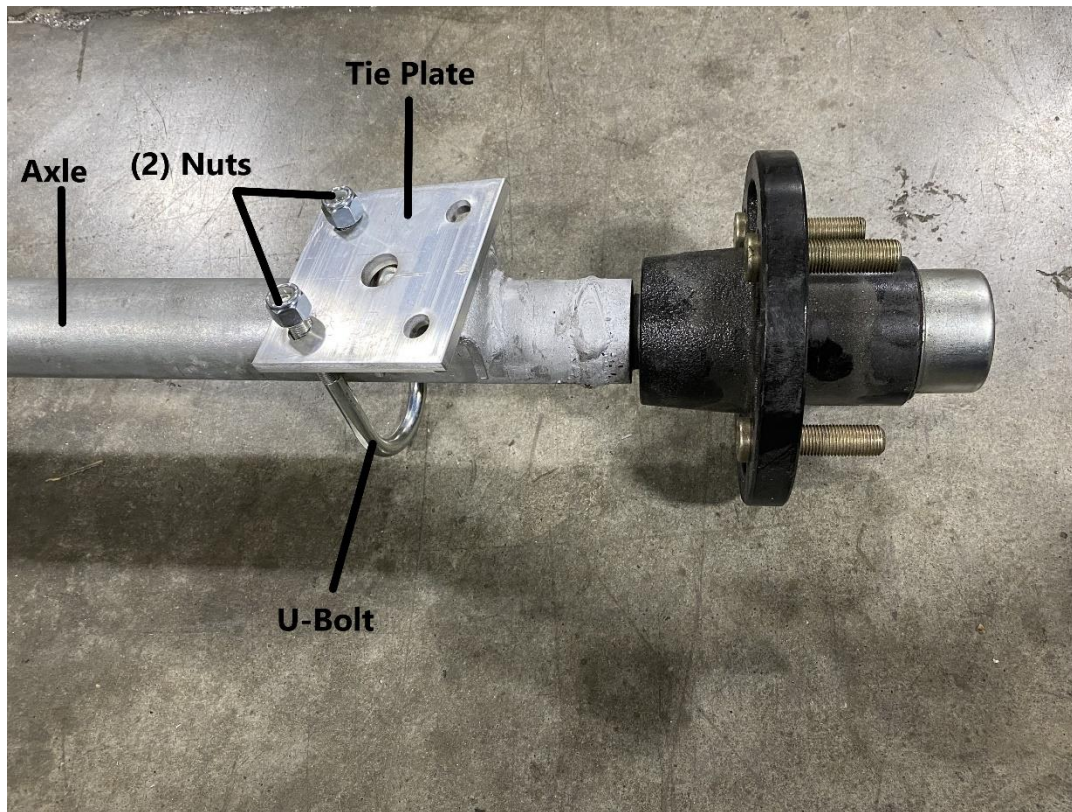
Install the shackle of the leaf spring into the sub rail as shown. Replace the 9/16" bolts. Replace the nuts but do not fully tighten yet. Repeat this process to install a second leaf spring on the right side rail.



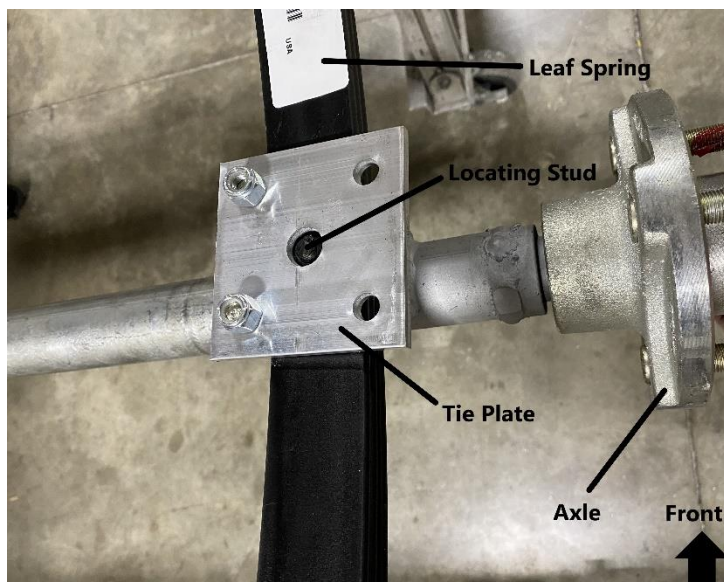
Locate the axle.



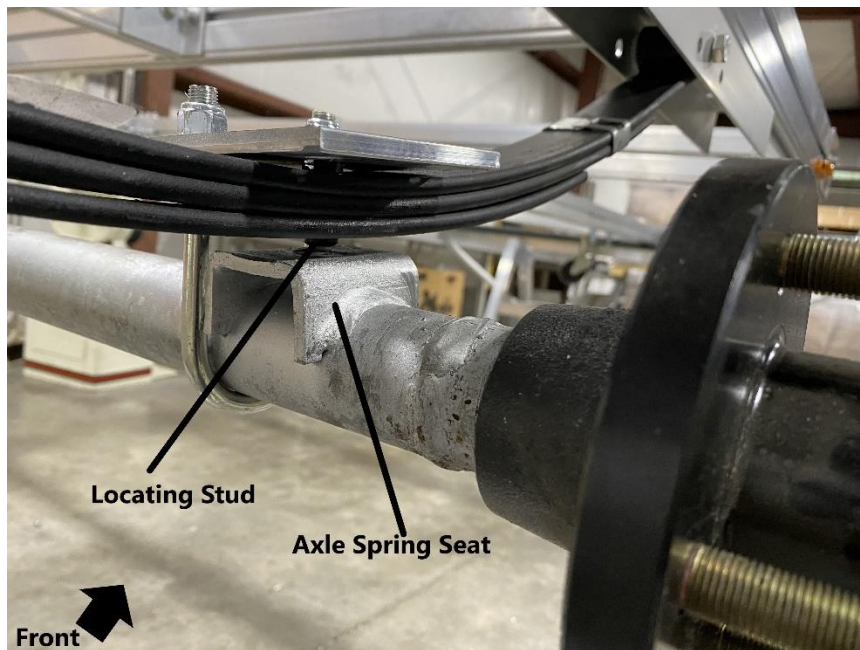
Locate the U-Bolt kit.



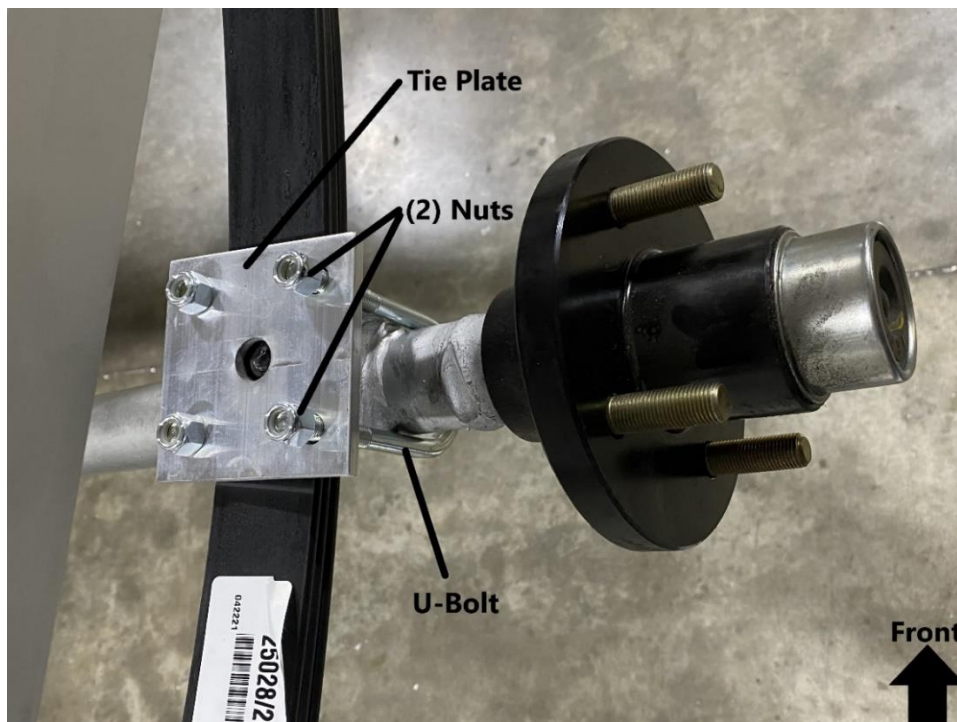
Install the Tie Plate and (1) U-Bolt to the axle as shown. Replace the nuts but do not tighten yet.



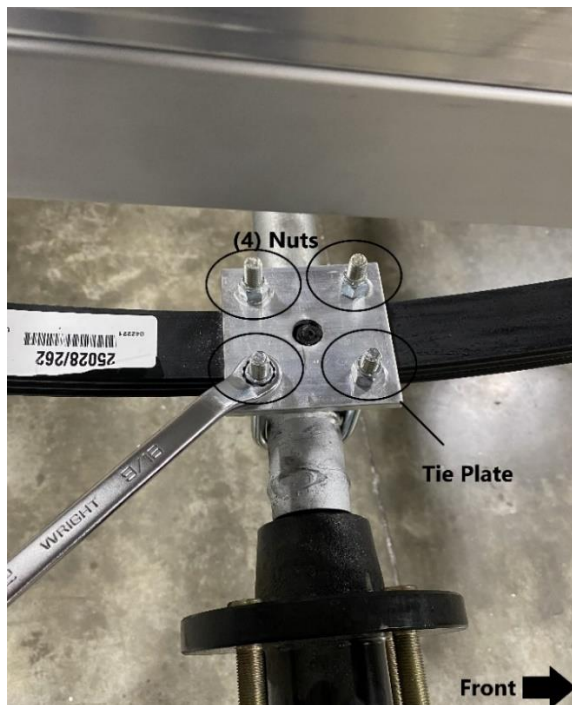
Install the axle to the leaf spring as shown. Slide the tie plate over the leaf spring until the center hole of the tie plate lines up with the locating stud of the leaf spring.



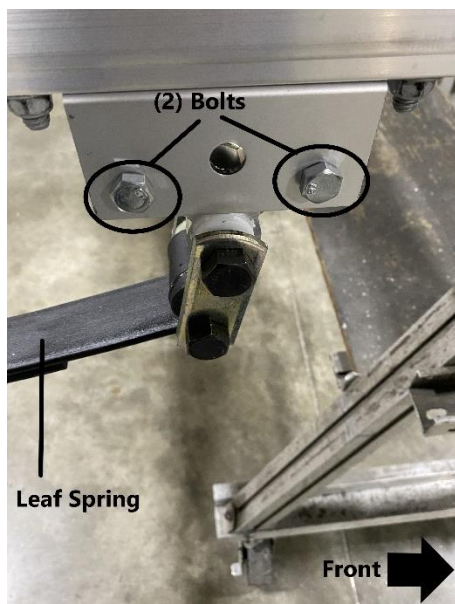
Place the locating stud of the leaf spring into the axle spring seat.



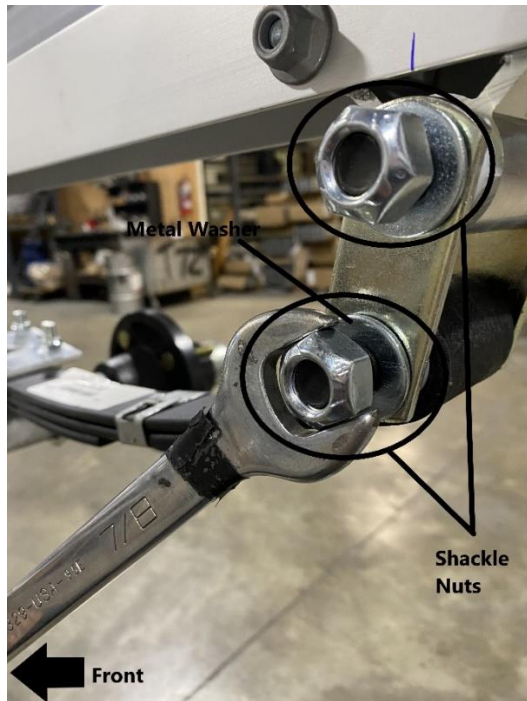
Install the second U-Bolt to the tie plate as shown. Replace the (2) nuts but do not fully tighten yet. Repeat this process to mount the axle to the leaf spring on the other side of the trailer.



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.

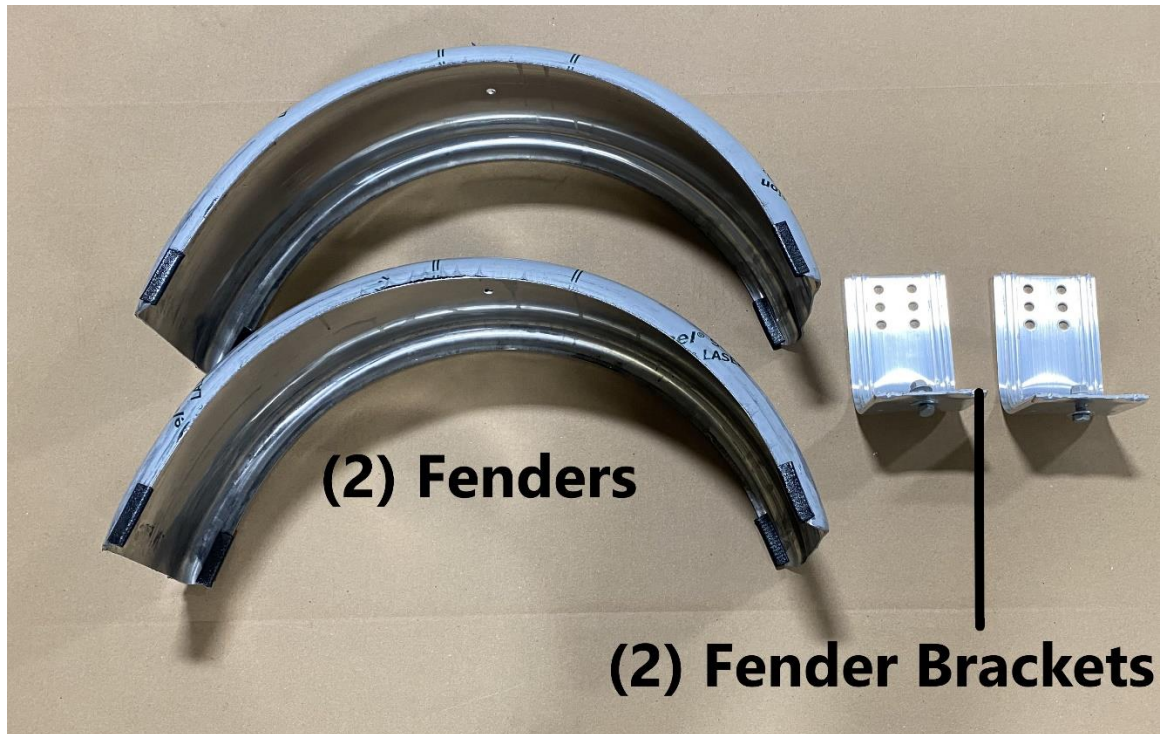


Tighten the rear shackle nuts with 7/8" ratchet and wrench. Ensure that the metal washers are not moving. However, do not over tighten as this will not allow the suspension to move properly. Repeat this process for the other side.



At this point the trailer will look like this.

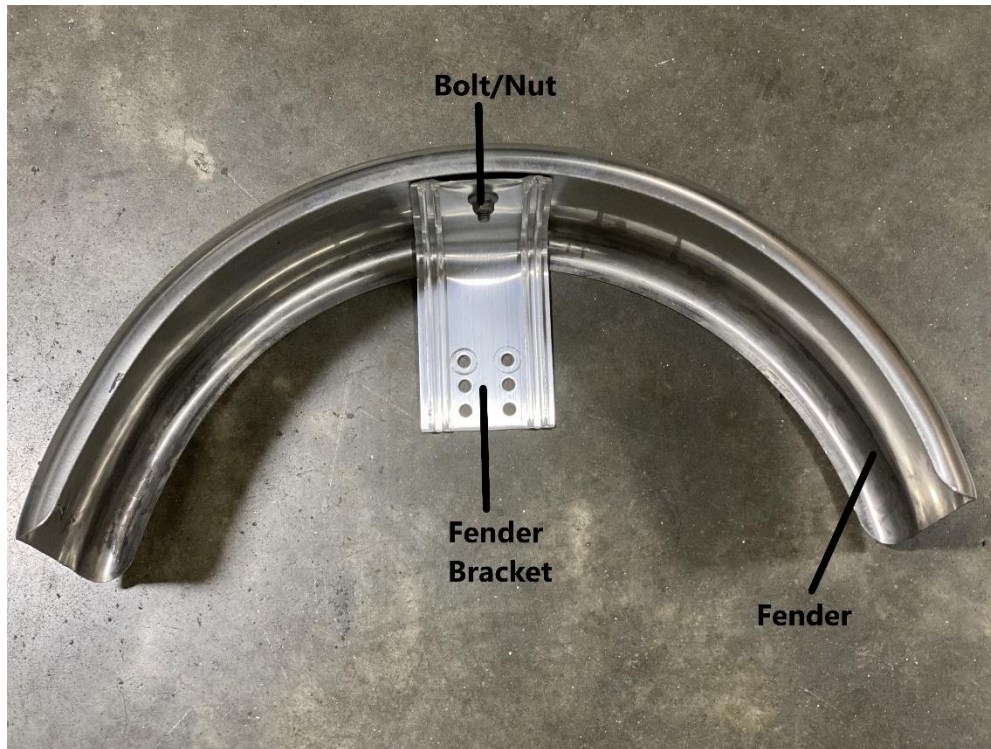
Fender Installation



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.



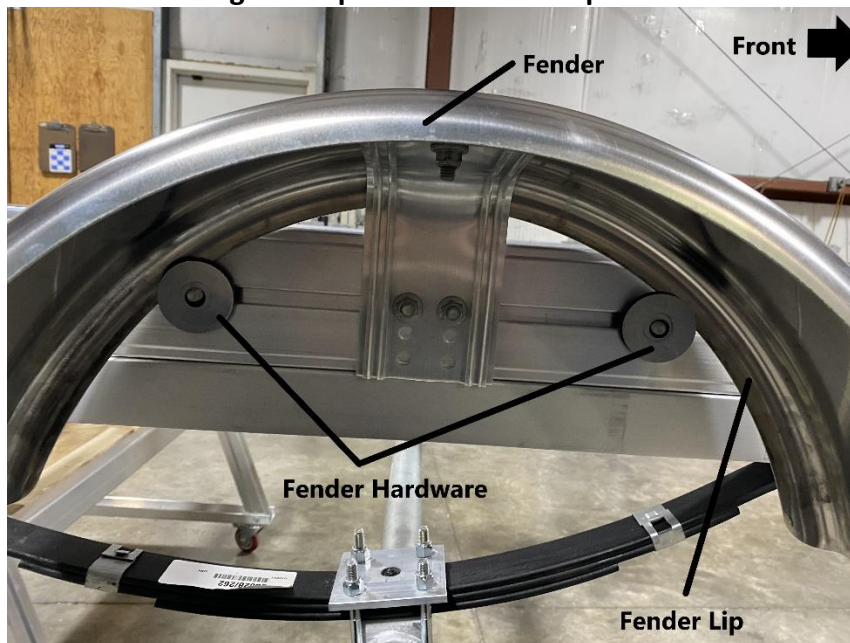
Install the fender bracket to the fender as shown. Tighten the locknut using a 9/16" wrench. Do not overtighten as this will cause damage to the fender.



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.



Note the ordering of the parts in the above picture.



Install the fender hardware as shown, placing a rubber 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.



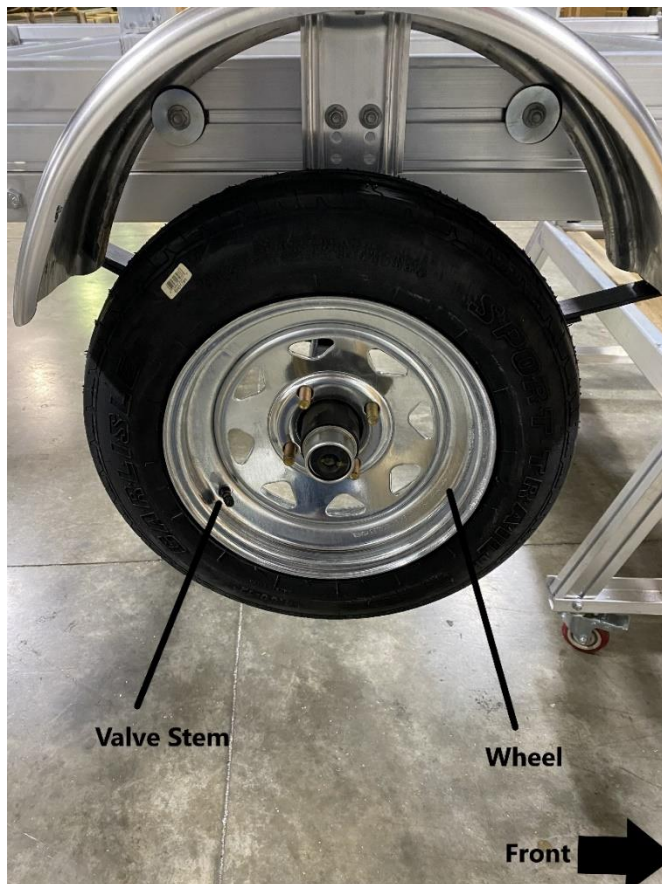
At this point the trailer will look like this.

Tire Installation



(2) 12" Tires

Locate (2) 12" Tires.



Install the wheel with the valve stems facing out.



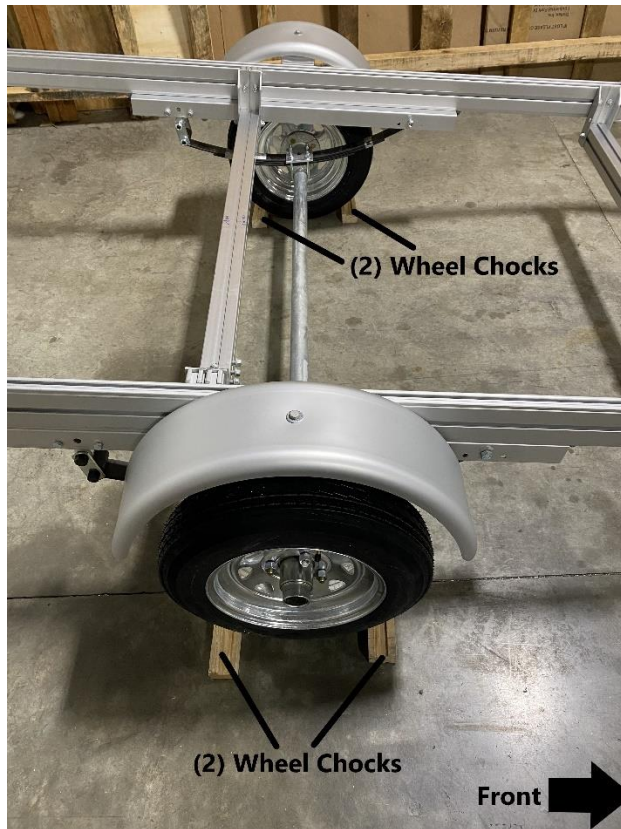
Locate the (8) lug nuts found in the U-Bolt kit.



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.

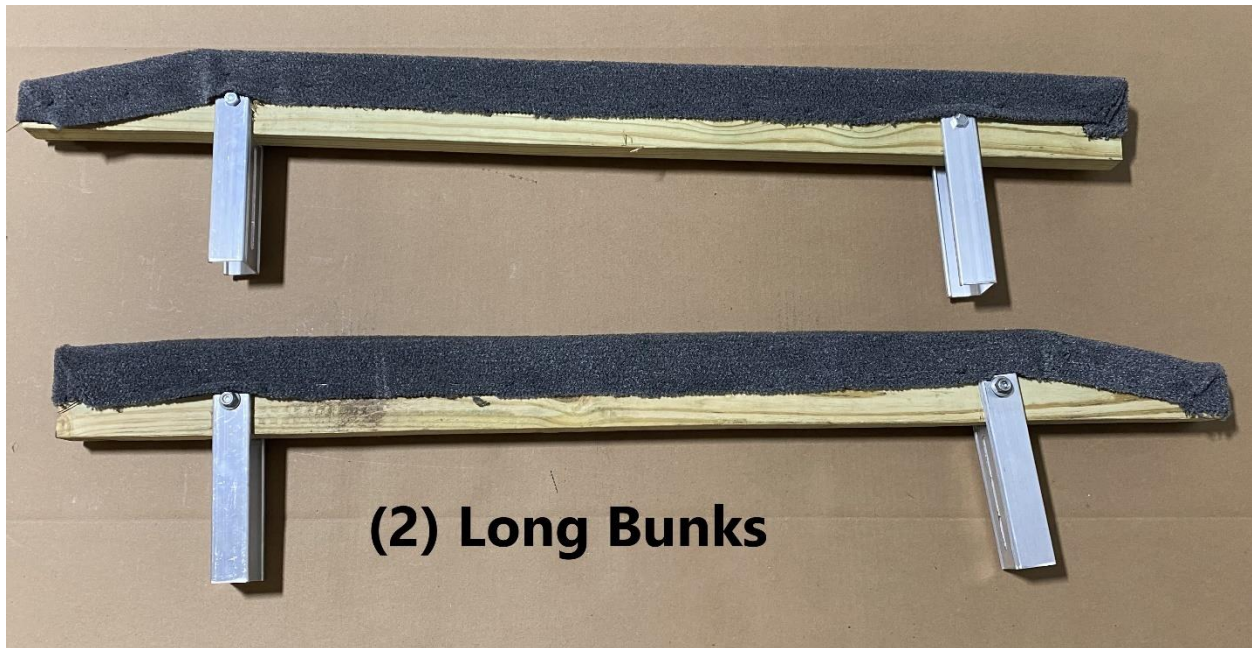


Place (4) wheel chocks as shown, (2) on each tire.

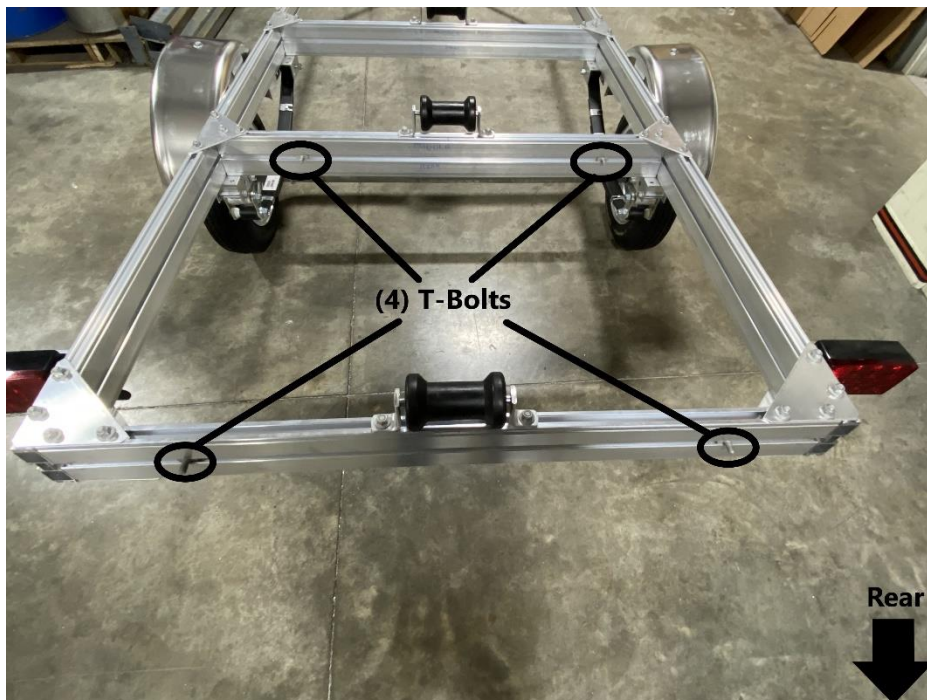


Torque the lug nuts to 80 foot pounds using a X pattern. Repeat the process for the other tire. Note that after 20 miles the lug nuts will need to be re-torqued to 80 foot pounds.

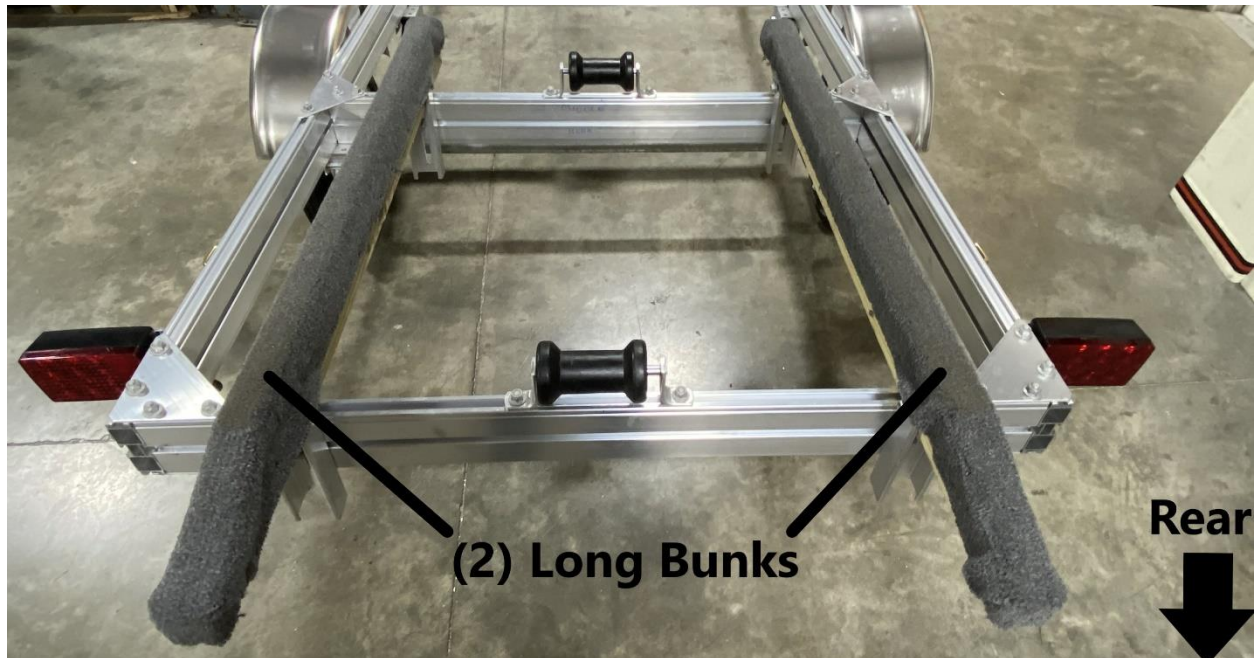
Bunk Installation



Locate the (2) long bunks.

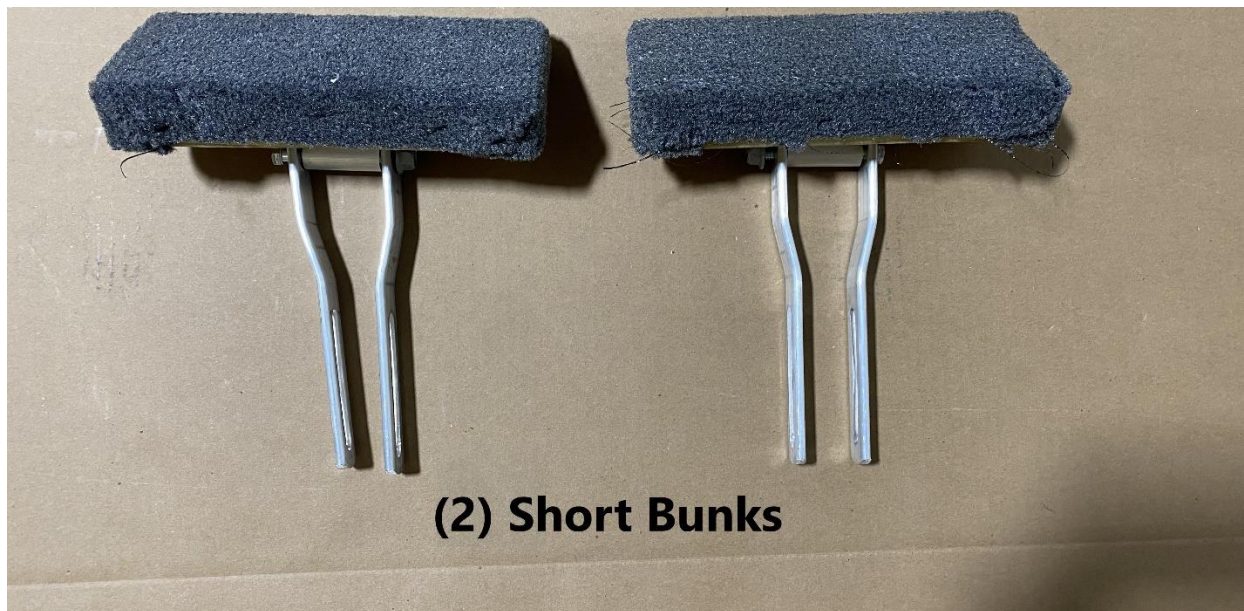


Locate the (4) T-Bolts shown.



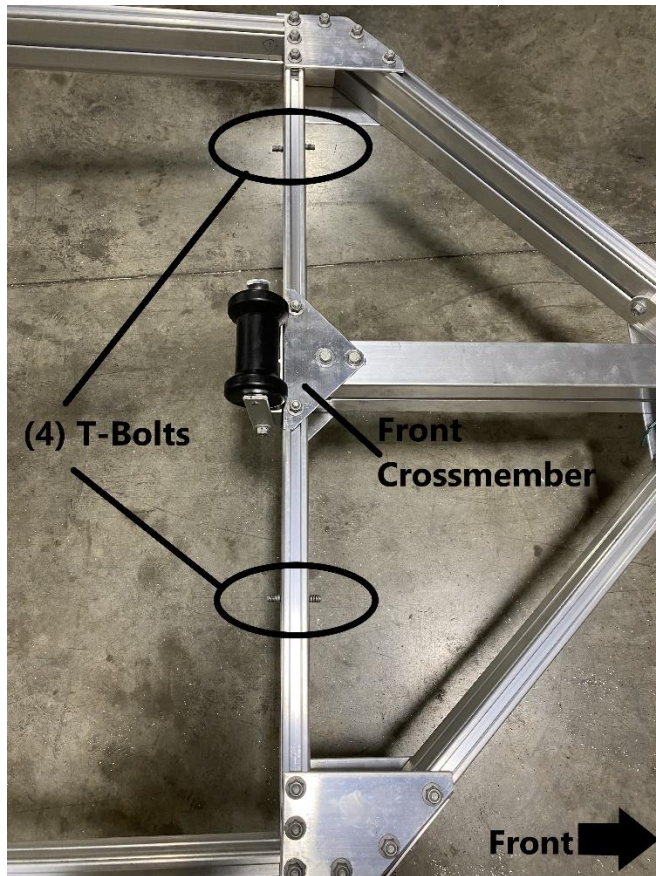
(2) Long Bunks

Install the (2) long bunks to the (4) T-Bolts as shown. Install (4) locknuts and tighten using a 9/16" wrench.

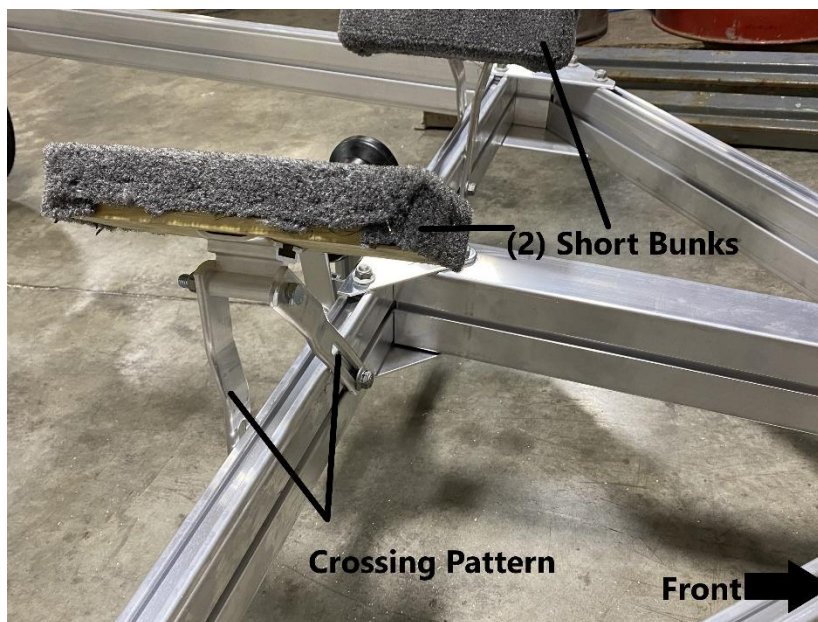


(2) Short Bunks

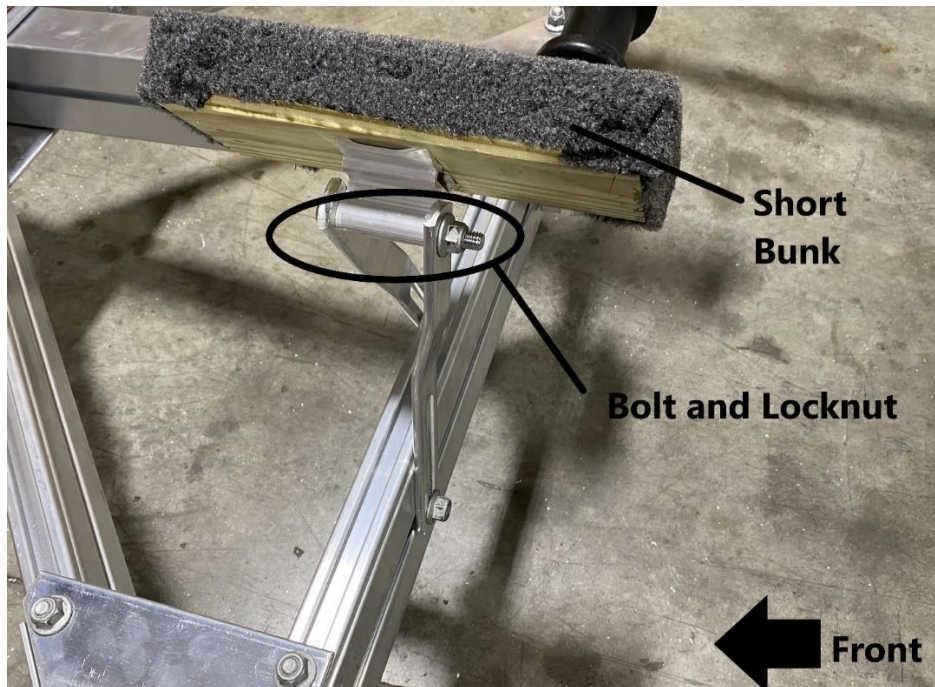
Locate the (2) short bunks.



Locate the (4) T-Bolts installed on the front crossmember. Remove the (4) locknuts.

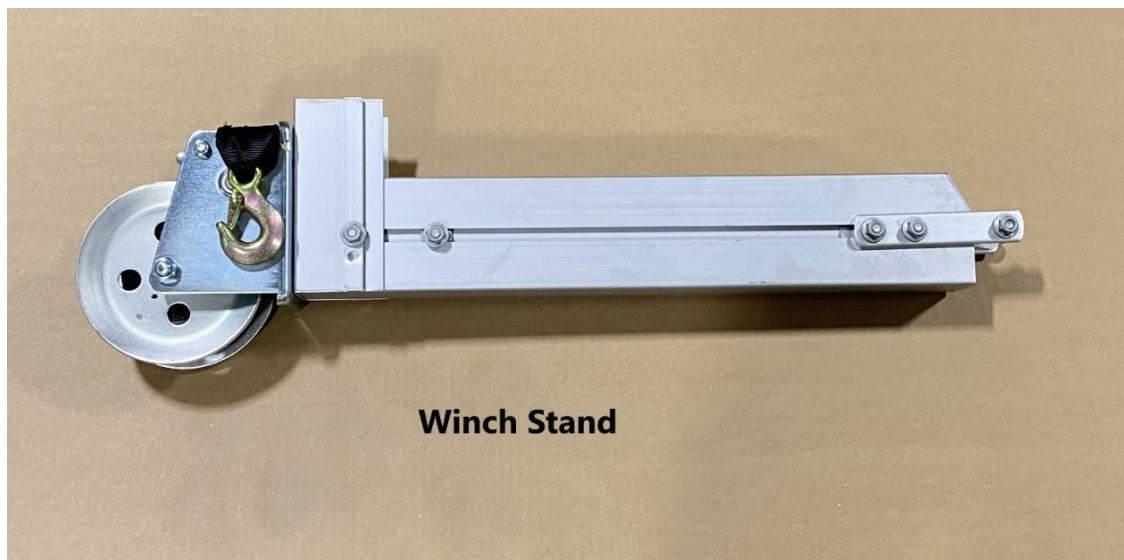


Install the (2) short bunks to the (4) T-Bolts. Note the crossing pattern of how each short bunk is installed to the (4) T-bolts. Replace the (4) locknuts and tighten using a 9/16" wrench.



Tilt the short bunk towards the inside of the trailer. Tighten the bolt and locknut shown using a 9/16" wrench.

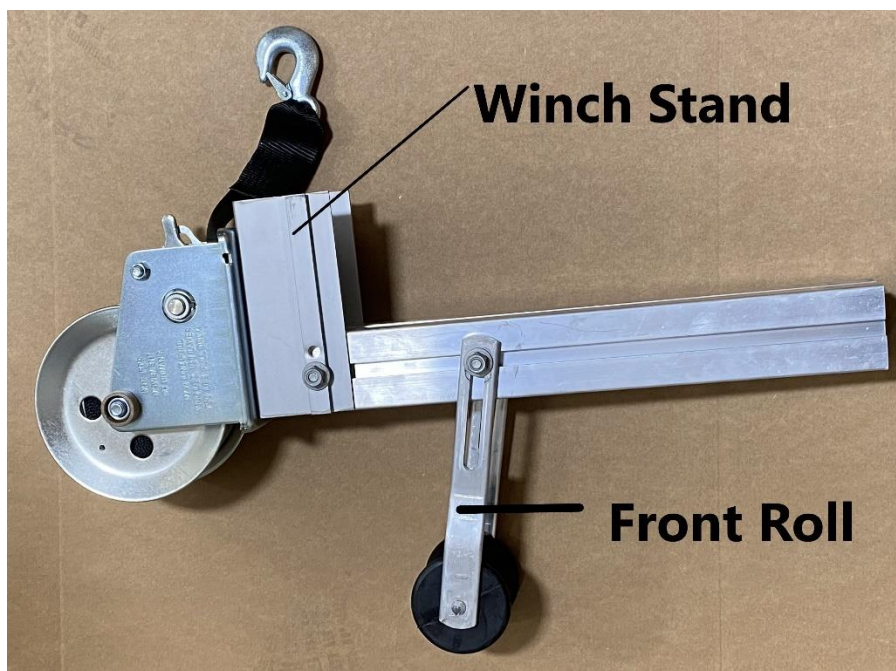
Winch Installation



Locate the winch stand.



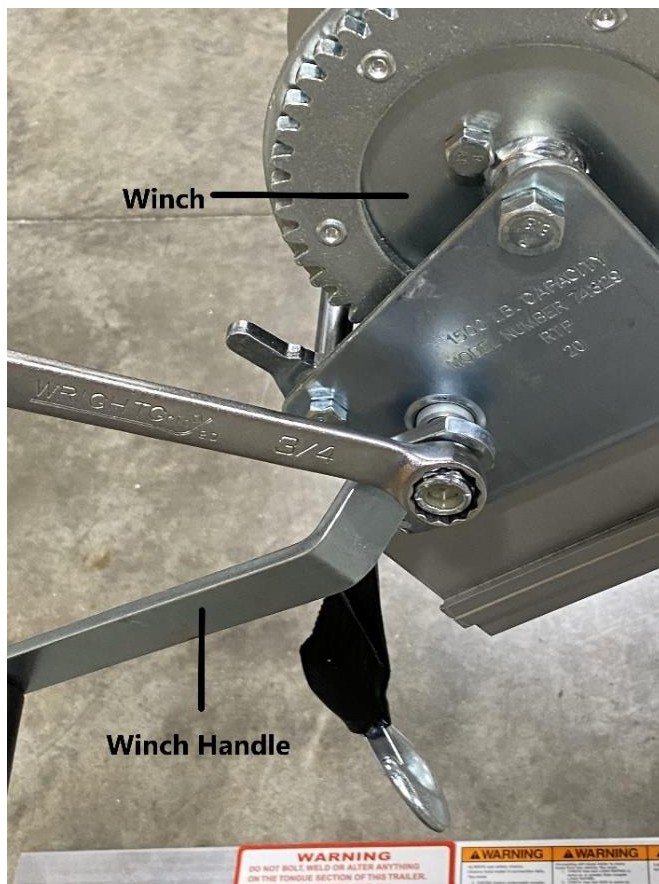
Locate the front roll.



Install the front roll to the winch stand as shown. Tighten the (2) locknuts installed on the front roll using a 9/16" wrench.



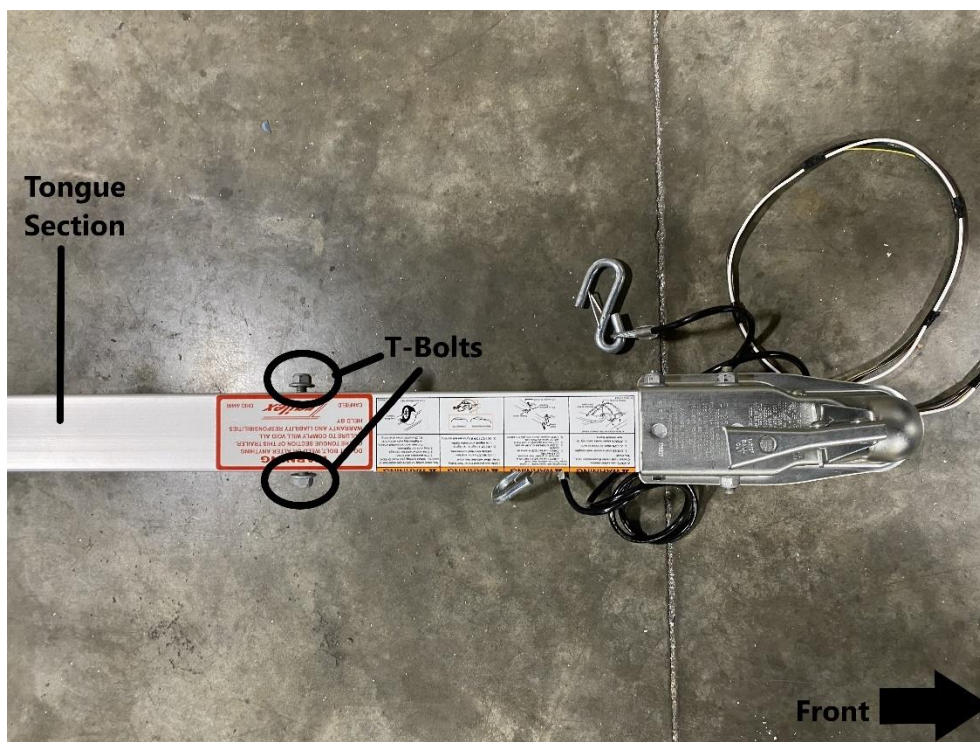
Locate the winch handle.



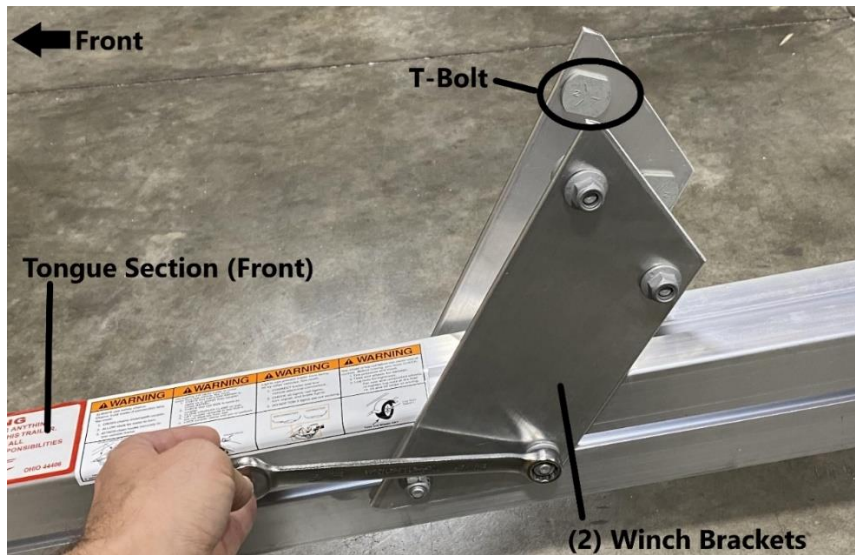
Install the winch handle as shown. Remove the nut on the winch using a $\frac{3}{4}$ " wrench. Install the handle, replace the nut and tighten.



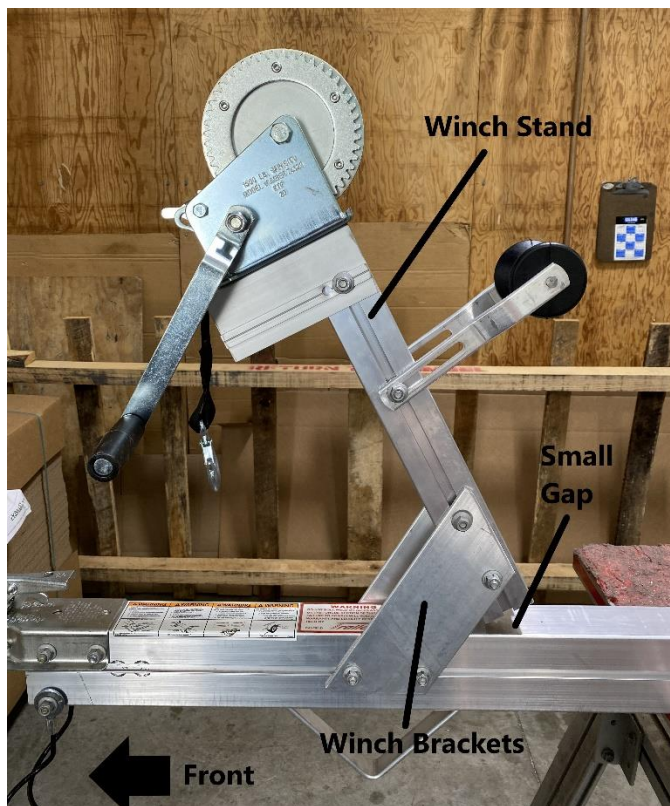
Locate the (2) winch brackets.



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



Install the winch brackets as shown. Note the position of the T-bolt pictured. All (4) T-Bolt heads should be facing inside as to later install the winch stand. Tighten the driver's side T-bolts using a 9/16" wrench. Do not tighten the passenger side T-bolts yet.



Install the winch stand on the winch brackets as shown. Slide the (4) T-bolts of the winch brackets into the grooves of the winch stand. Leave a very small gap between the winch stand and the tongue section. Tighten all nuts with a 9/16" wrench. This includes the passenger side nuts in the tongue section that were left loose earlier.



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.

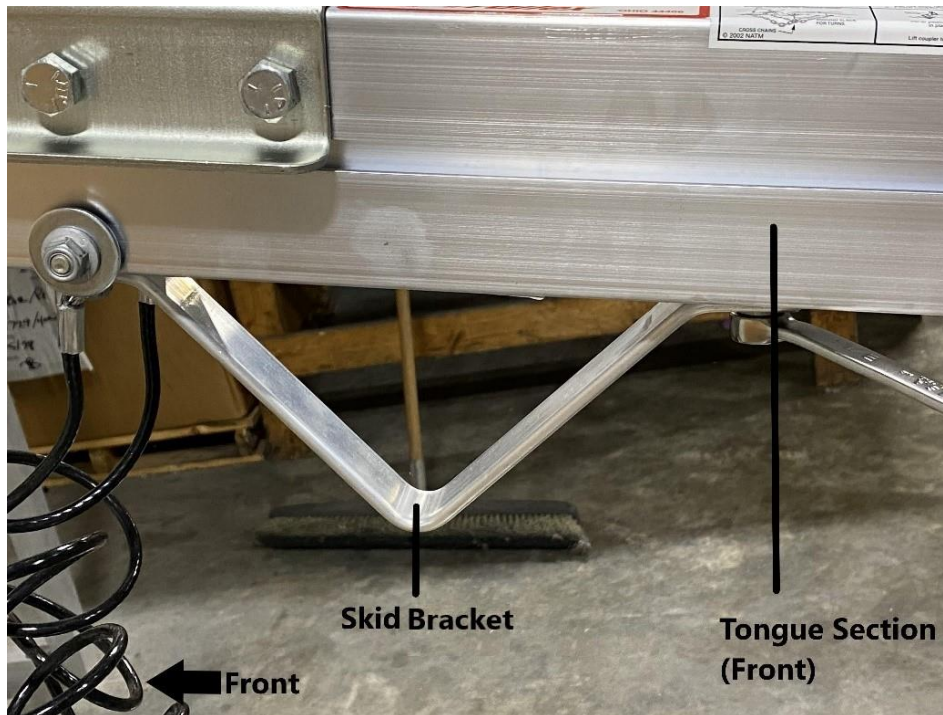
5-215 – SPARE TIRE CARRIER OPTION



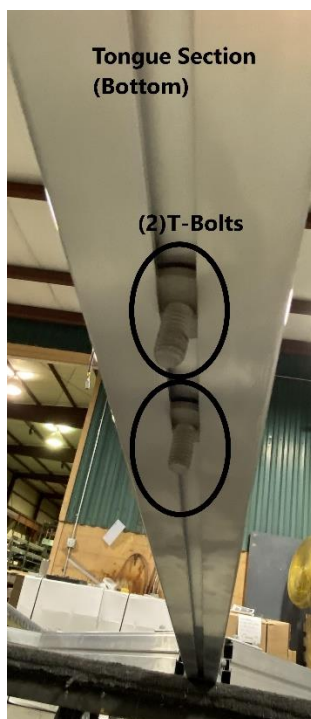
Locate the spare tire carrier.



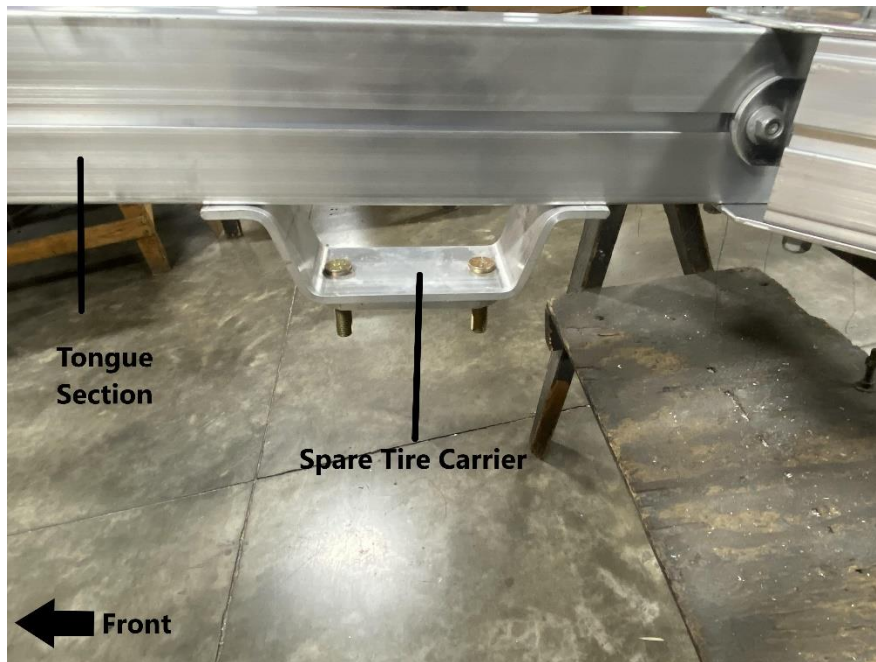
Remove the (2) T-Bolts, (2) locknuts, and (2) lug nuts as shown.



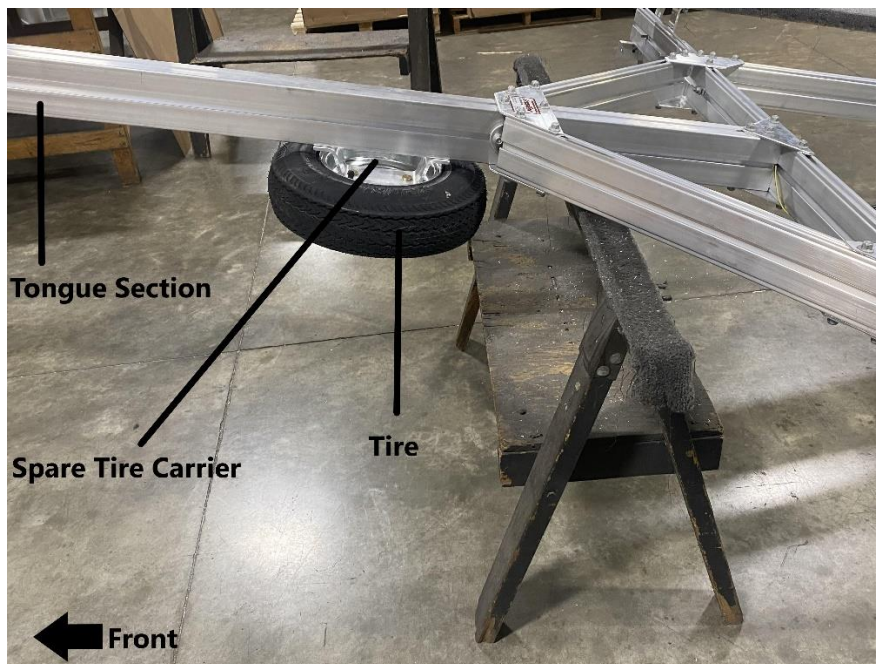
If equipped, the skid bracket will need to be removed before installing the spare tire carrier. Remove the nuts using a 9/16" wrench, then remove the skid bracket from the bottom of the tongue section.



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.