

UT-400-4LS



Suggested Tools:

(3) Saw Horses

Standard Screwdriver

Phillips Screwdriver

Ratchet with 13/16", 9/16", 3/4", 7/8" Sockets

Torque Wrench

7/16", 9/16", 3/4", 7/8" Open End Wrench

Pliers

Wire Cutters

Square

Measuring Tape

Electrical Tape

Spray Lubricant

Utility Knife

(4) Wheel Chocks

(2) Ladders

Fish Tape

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.

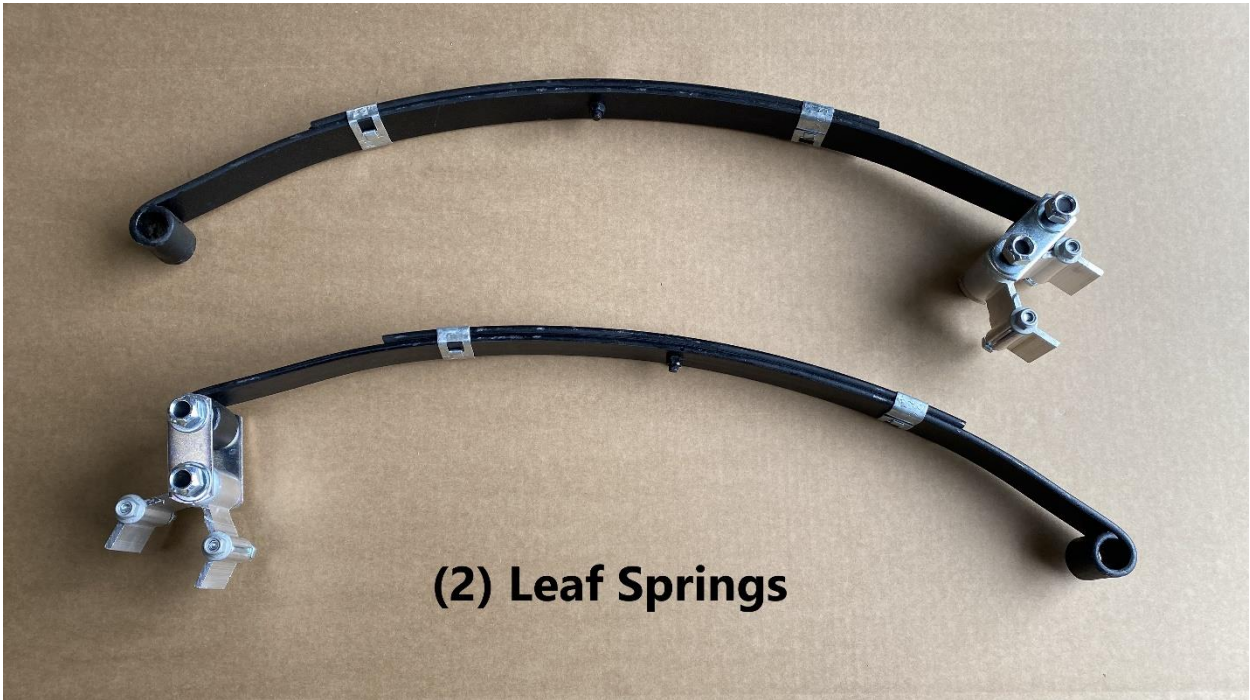
For questions or assistance assembling your trailer call 800-282-5042.

UNPACK AND IDENTIFY THE FOLLOWING PARTS





(2) Front Diagonals



(2) Leaf Springs



(2) Fenders

Coupler

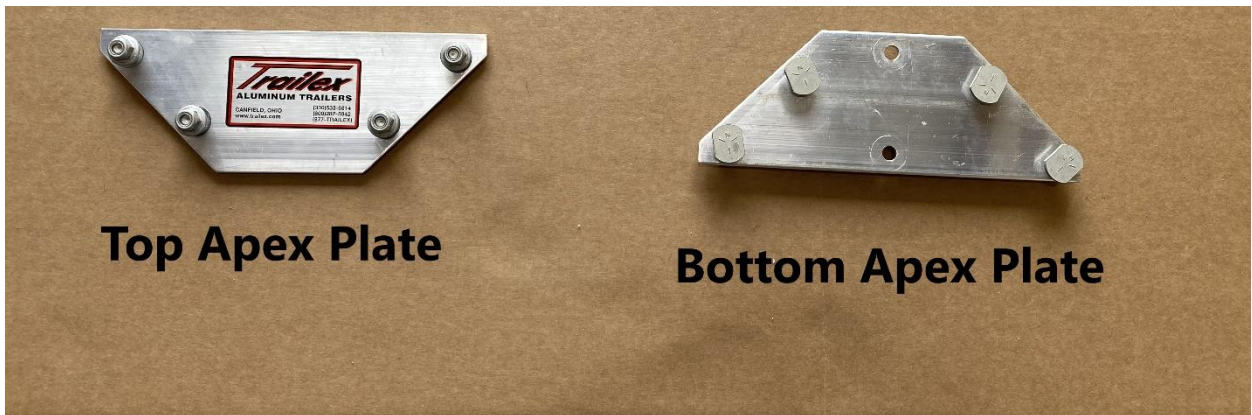


LED Light Kit

**Wiring
Harness**



(16) Padded Cradles



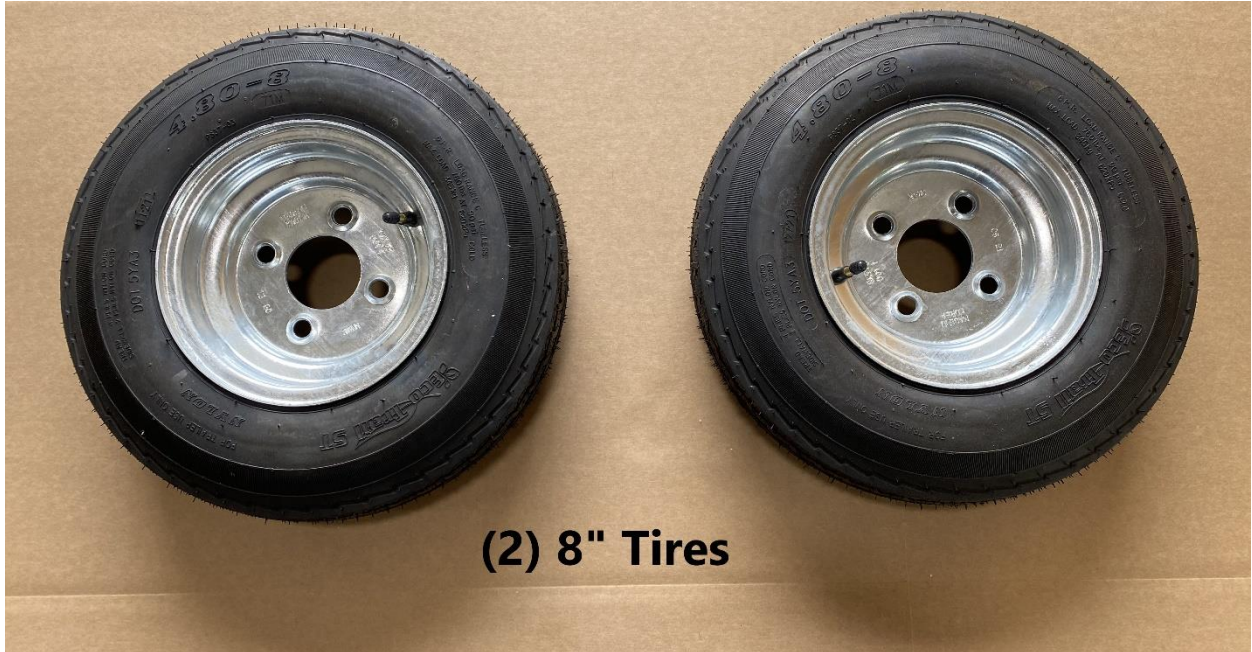
Top Apex Plate

Bottom Apex Plate



U-Bolt Kit

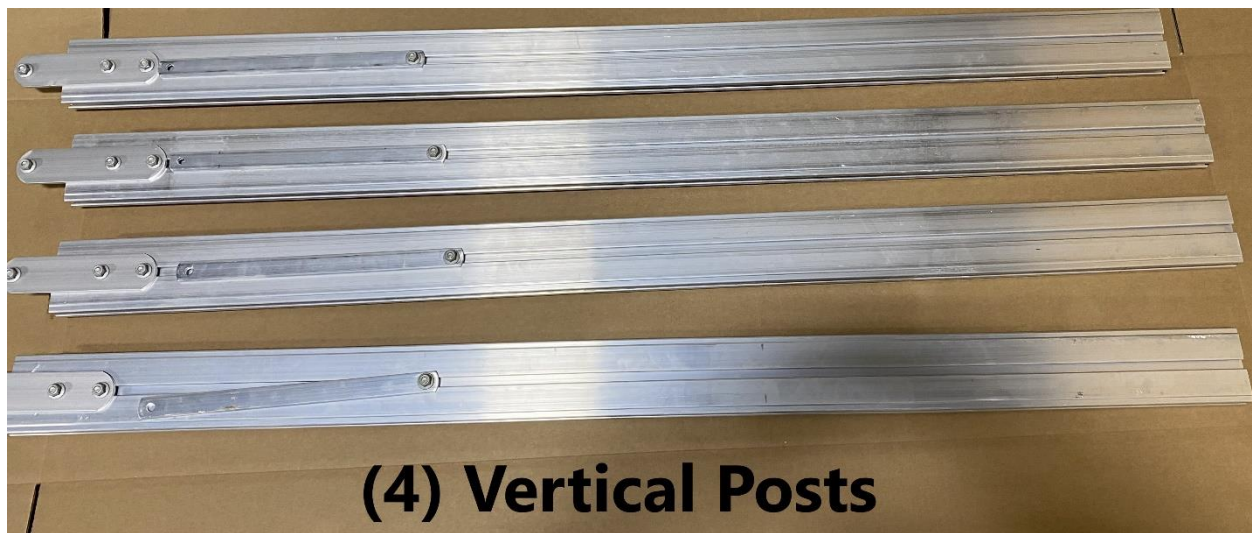
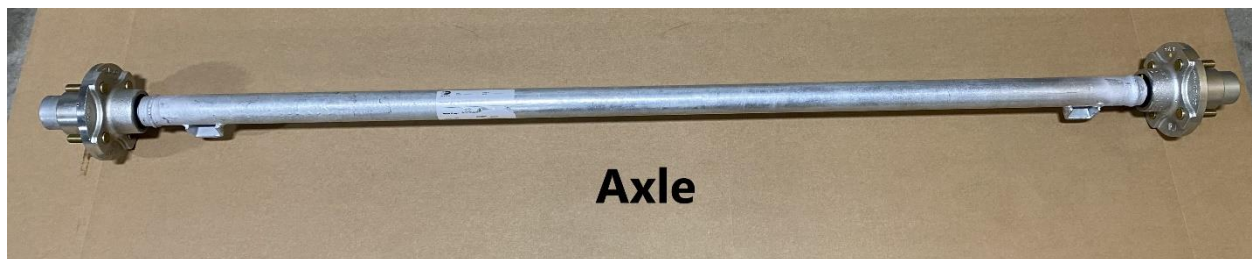
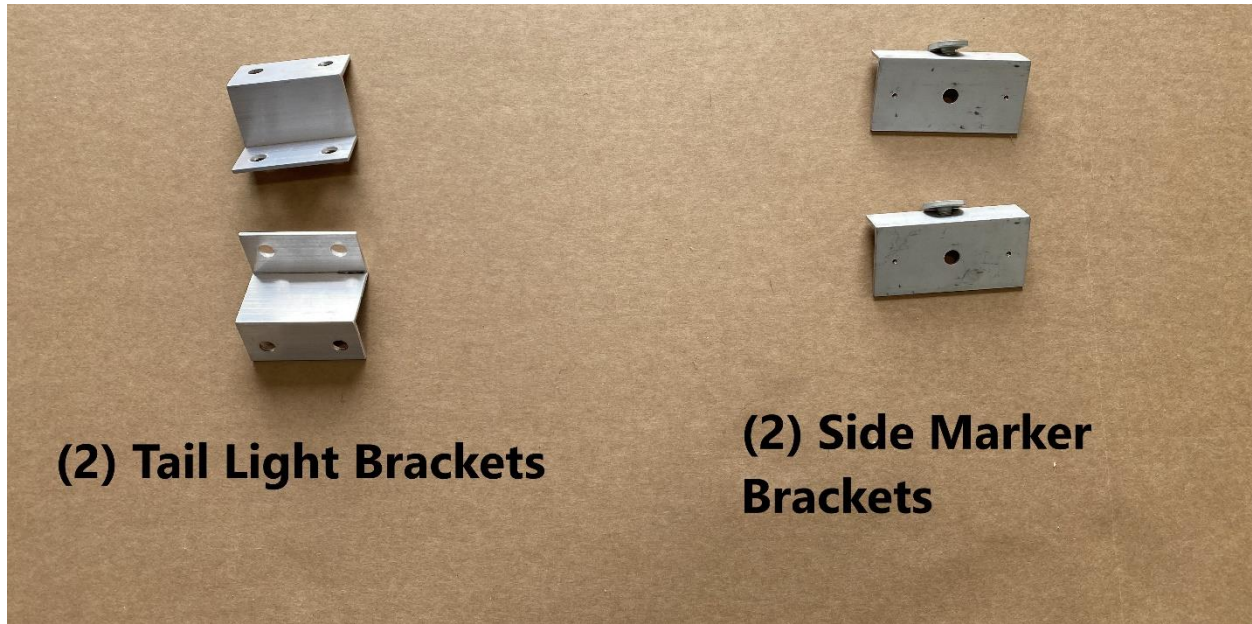
Fender Hardware Kit

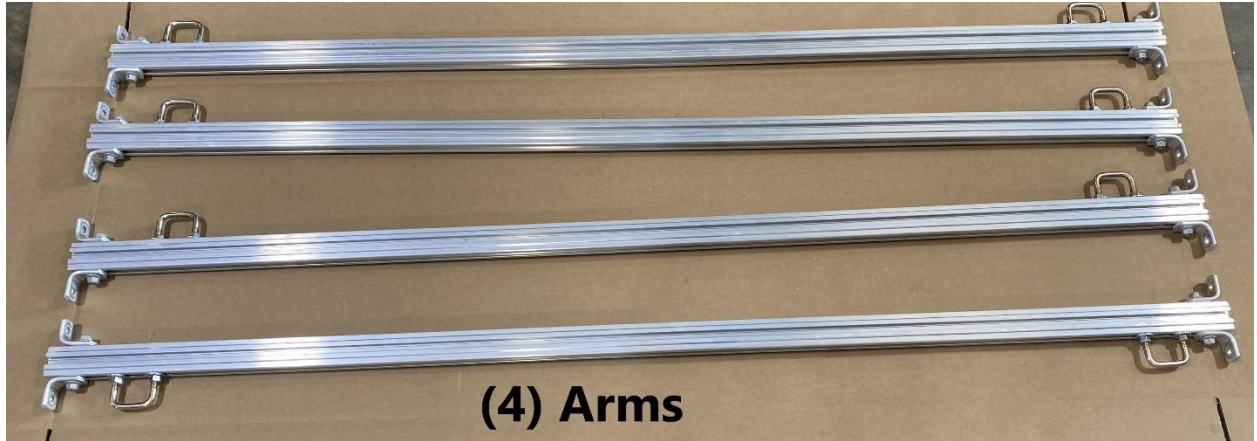


(2) 8" Tires



Skid Bracket





(4) Arms



(2) Roller Arms



(2) Post to Post



Hardware Bag

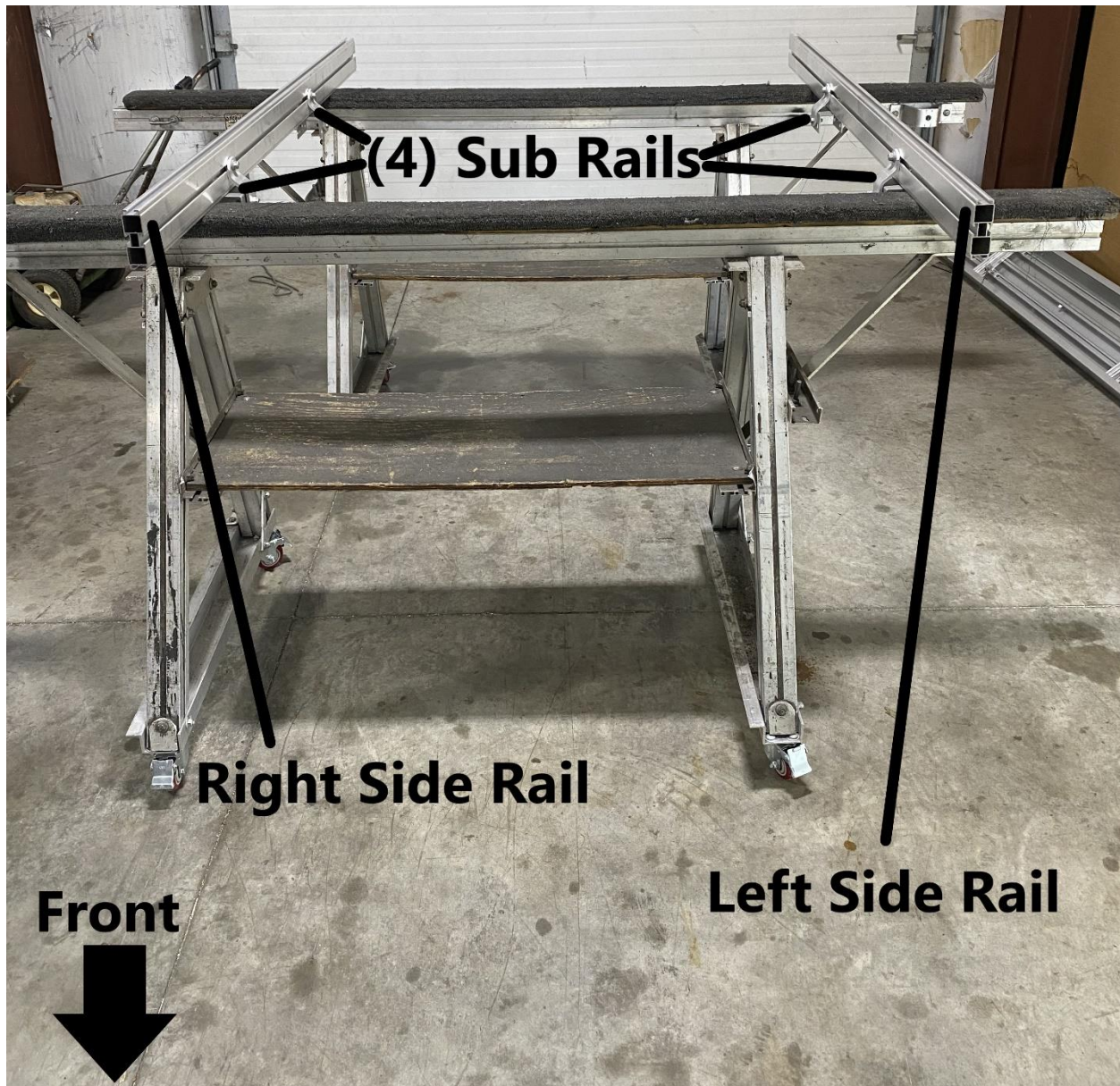
Frame Assembly



Locate the left side rail. The left side rail will have a vehicle identification sticker. Note that the left and right designations would be as viewed from the rear of the trailer.



Locate the right side rail.

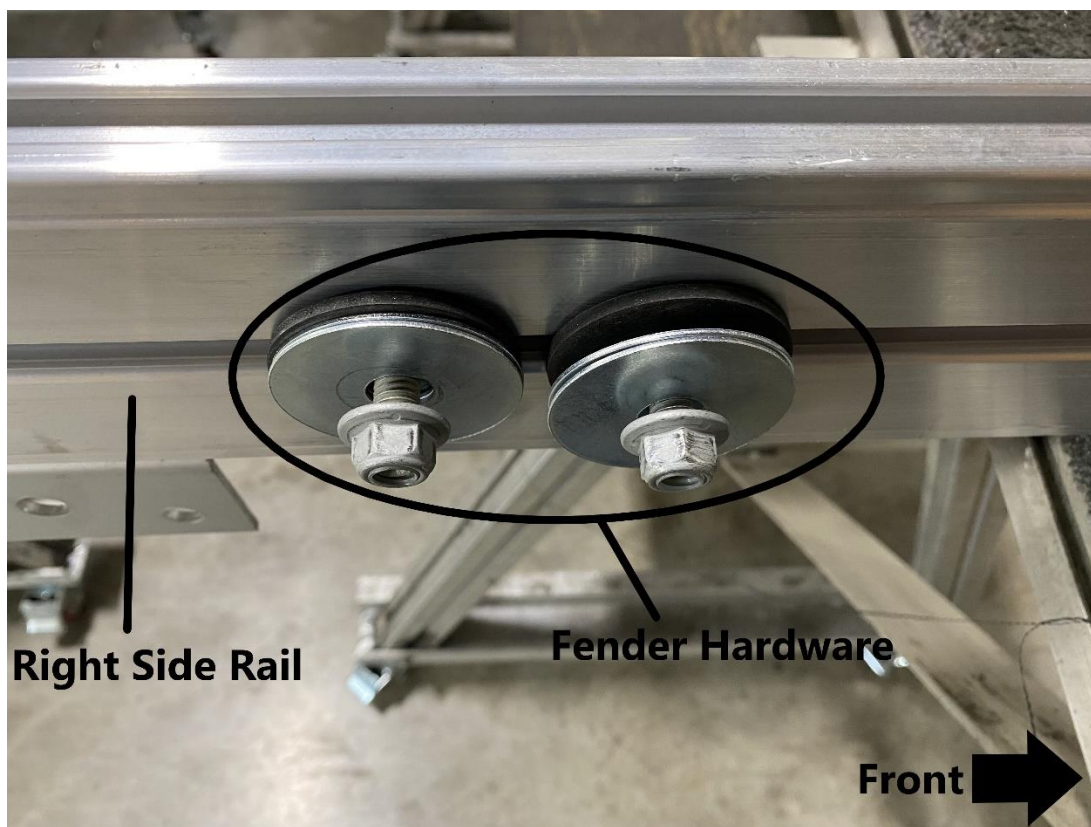


Place the left and right side rails on (2) saw horses as shown. Note that the vehicle identification sticker on the left side rail will be facing towards the outside of the trailer. Also note that the sub-rails offset towards the inside of the trailer.



Fender Hardware Kit

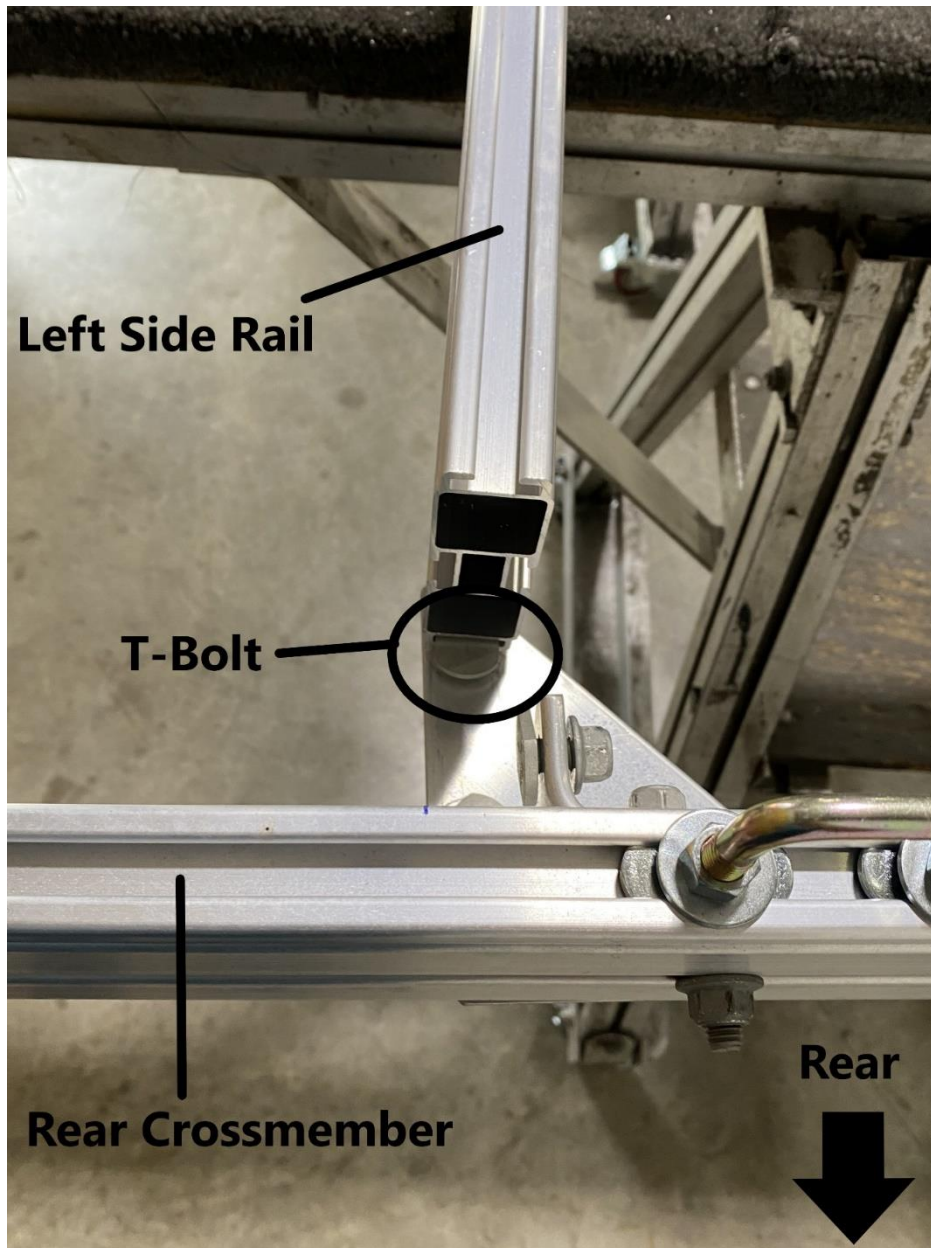
Locate the fender hardware kit. Note that this kit will contain (4) assemblies for mounting the fenders.



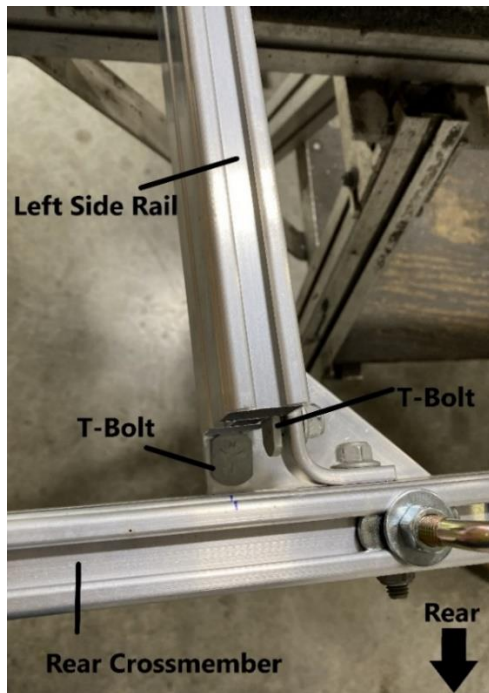
Starting at the rear of the trailer, slide (2) fender assemblies into the outside groove of the right side rail as shown. These will be used later to mount the fenders to the trailer. Repeat this process to install the remaining two fender hardware assemblies to the left side rail. Do not slide the fender hardware through the vehicle identification sticker as this will cause damage to the sticker.



Locate the rear crossmember.



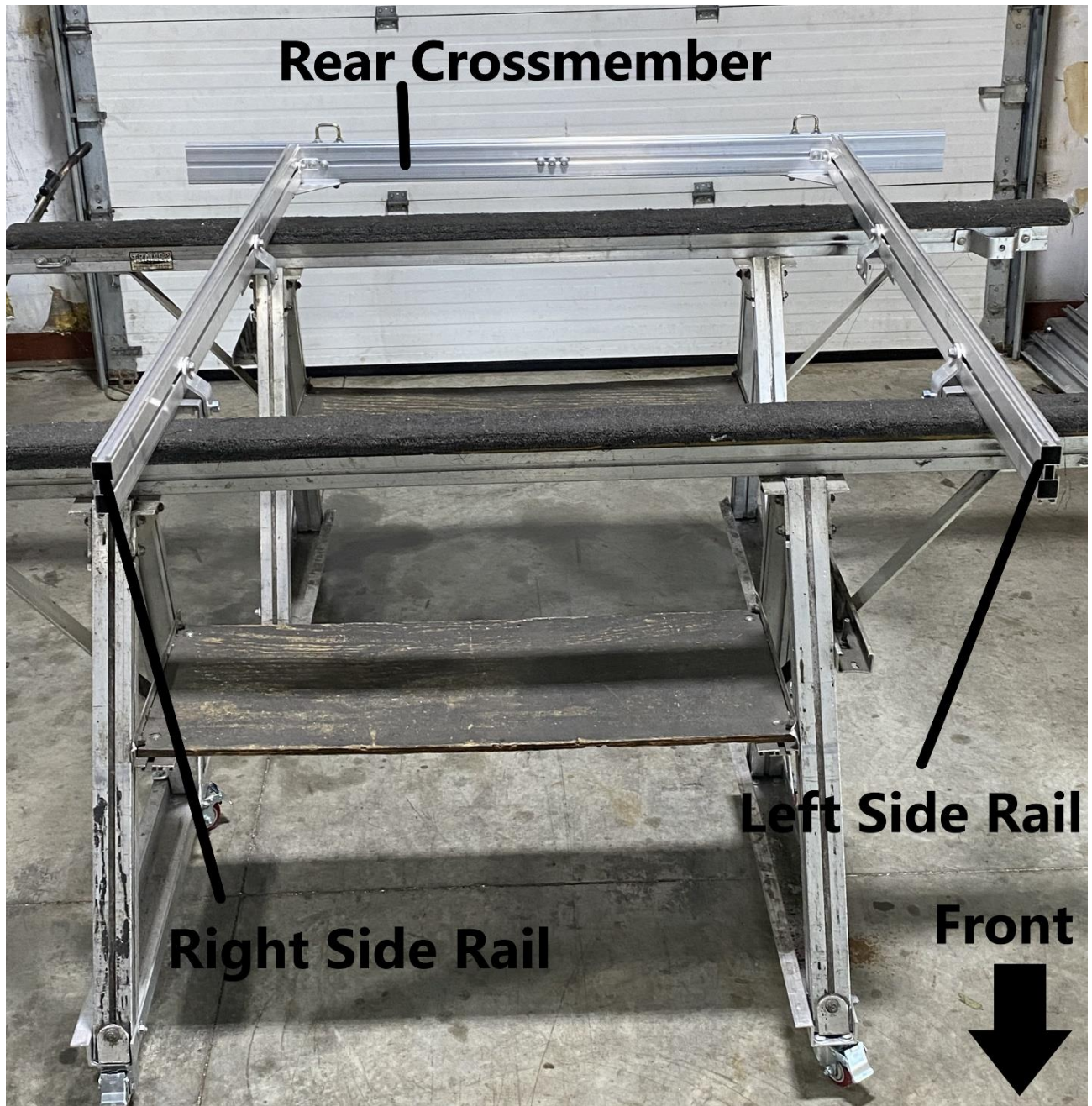
Move to the rear of the trailer. Slide the T-bolt installed on the rear crossmember into the bottom groove of the left side rail as shown. Repeat this process for the right side rail.



Continue sliding the rear crossmember to install a second T-bolt in the bottom groove of the left side rail. Also slide a T-bolt in the side groove of the left side rail. Repeat this process for the right side rail.



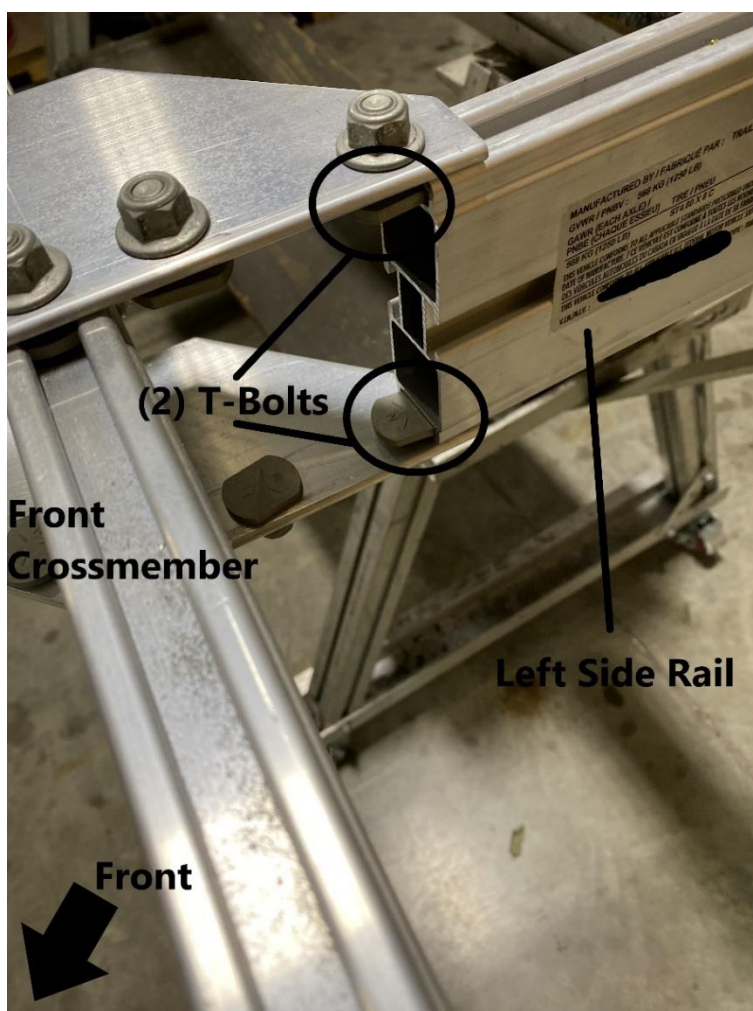
Continue sliding the left side rail until it is flush with the rear crossmember. Repeat this process to install the right side rail to the rear crossmember. Note that the rear crossmember will not be tightened to the side rails until the wiring harness is ran through the trailer.



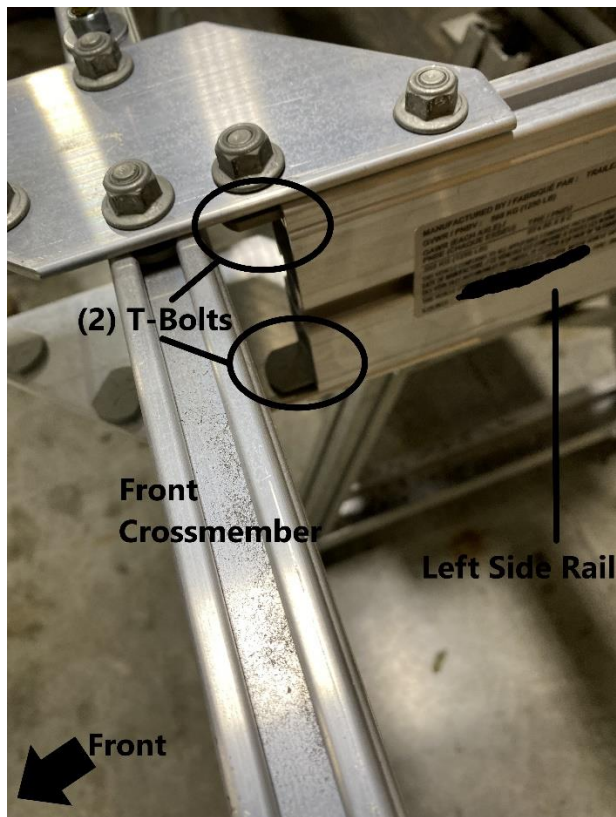
At this point the trailer will look like this.



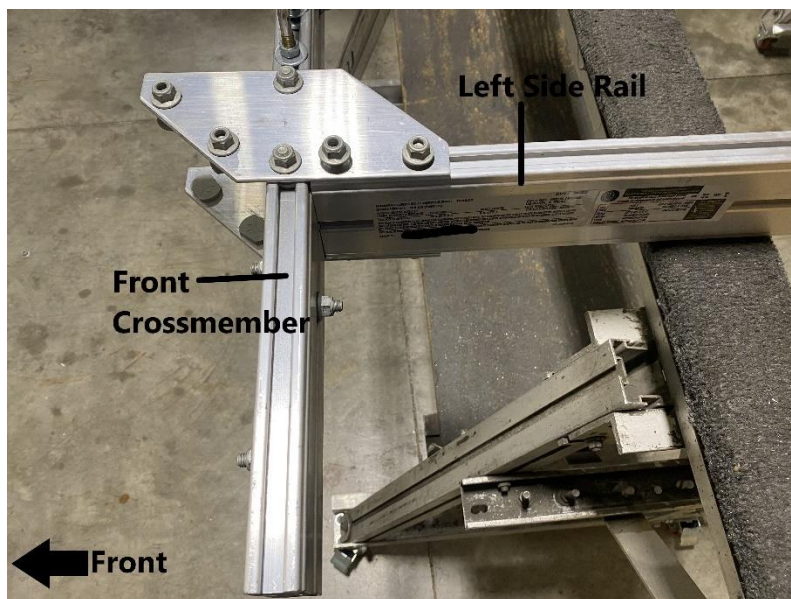
Locate the front crossmember.



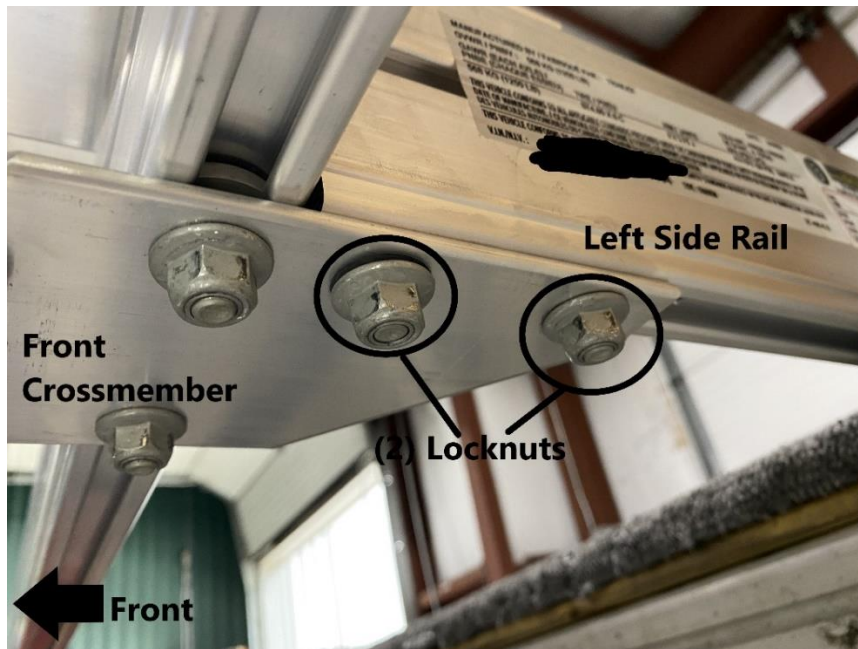
Install the front crossmember to the left side rail as shown. Slide the (2) T-Bolts of the front crossmember into the top and bottom grooves of the left side rail. Repeat this process for the right side rail.



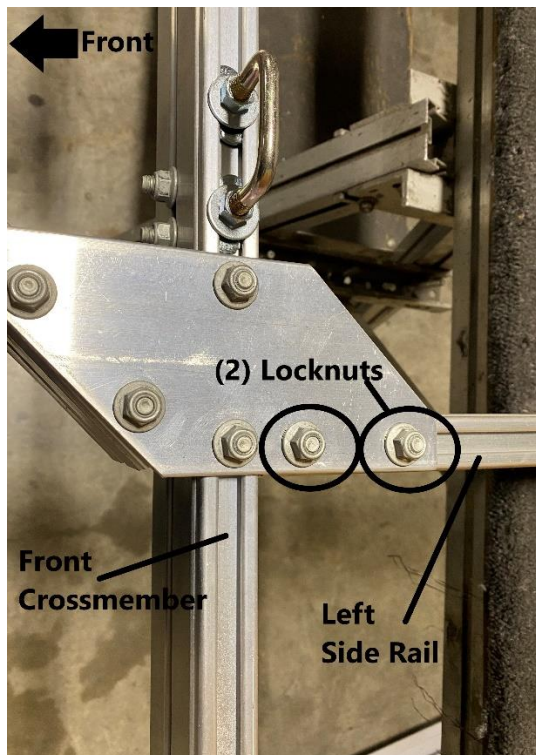
Continue sliding the front crossmember to install (2) T-bolts in the top and bottom grooves of the left side rail. Repeat this process for the right side rail.



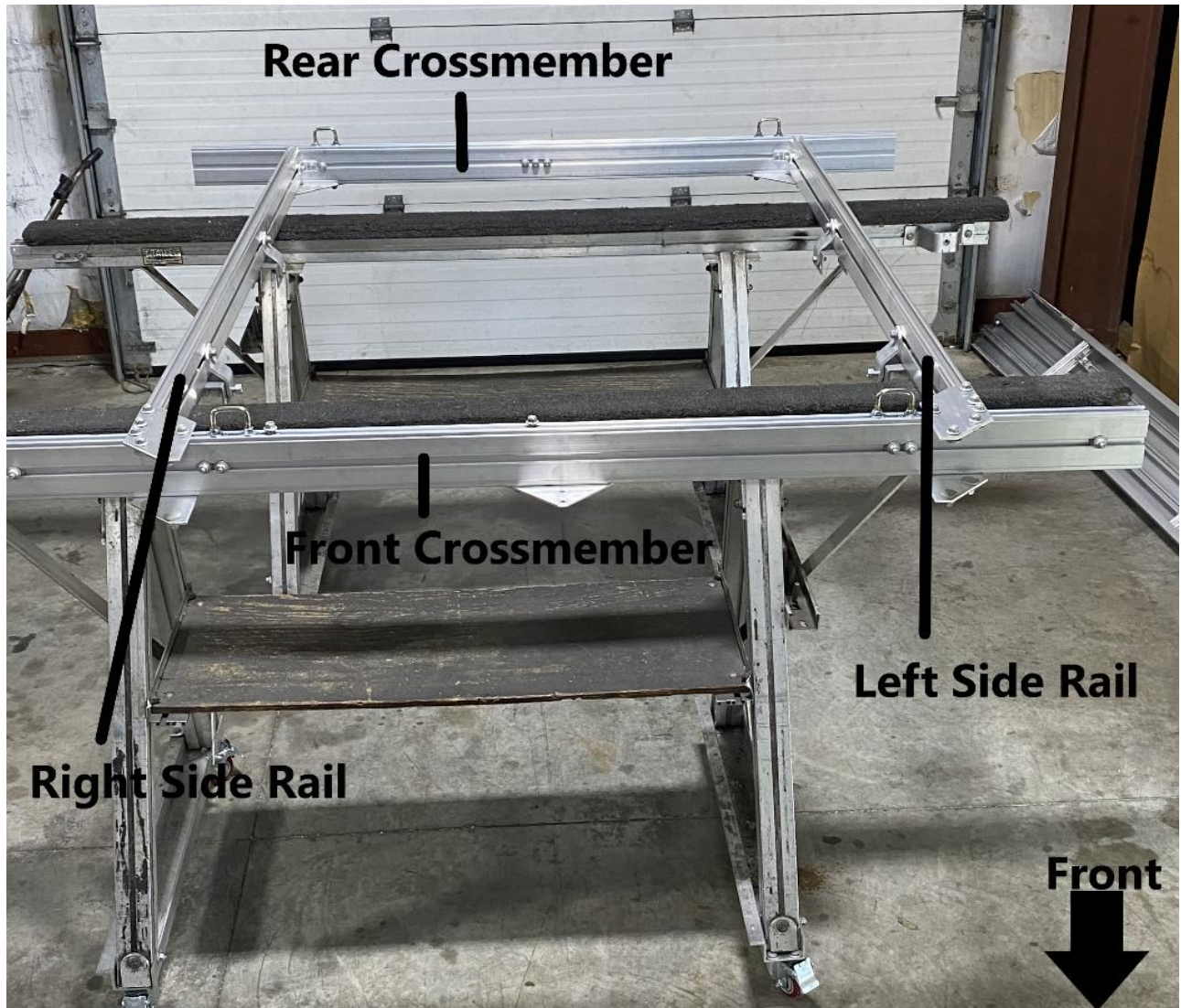
Continue sliding the front crossmember until it is flush with the left side rail. Repeat this process for the right side rail.



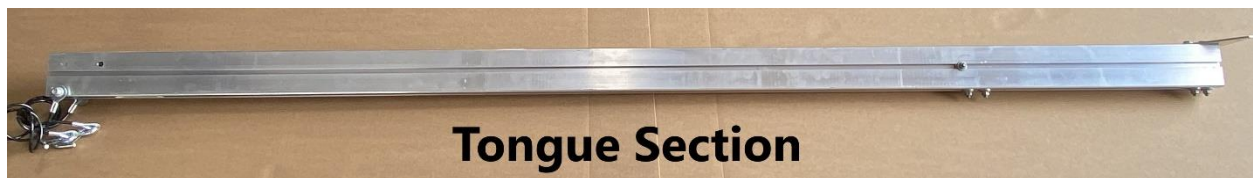
With the front crossmember installed, the (2) locknuts will now need to be tightened. Tighten the (2) locknuts shown using a 9/16" wrench. Repeat this process for the right side rail.



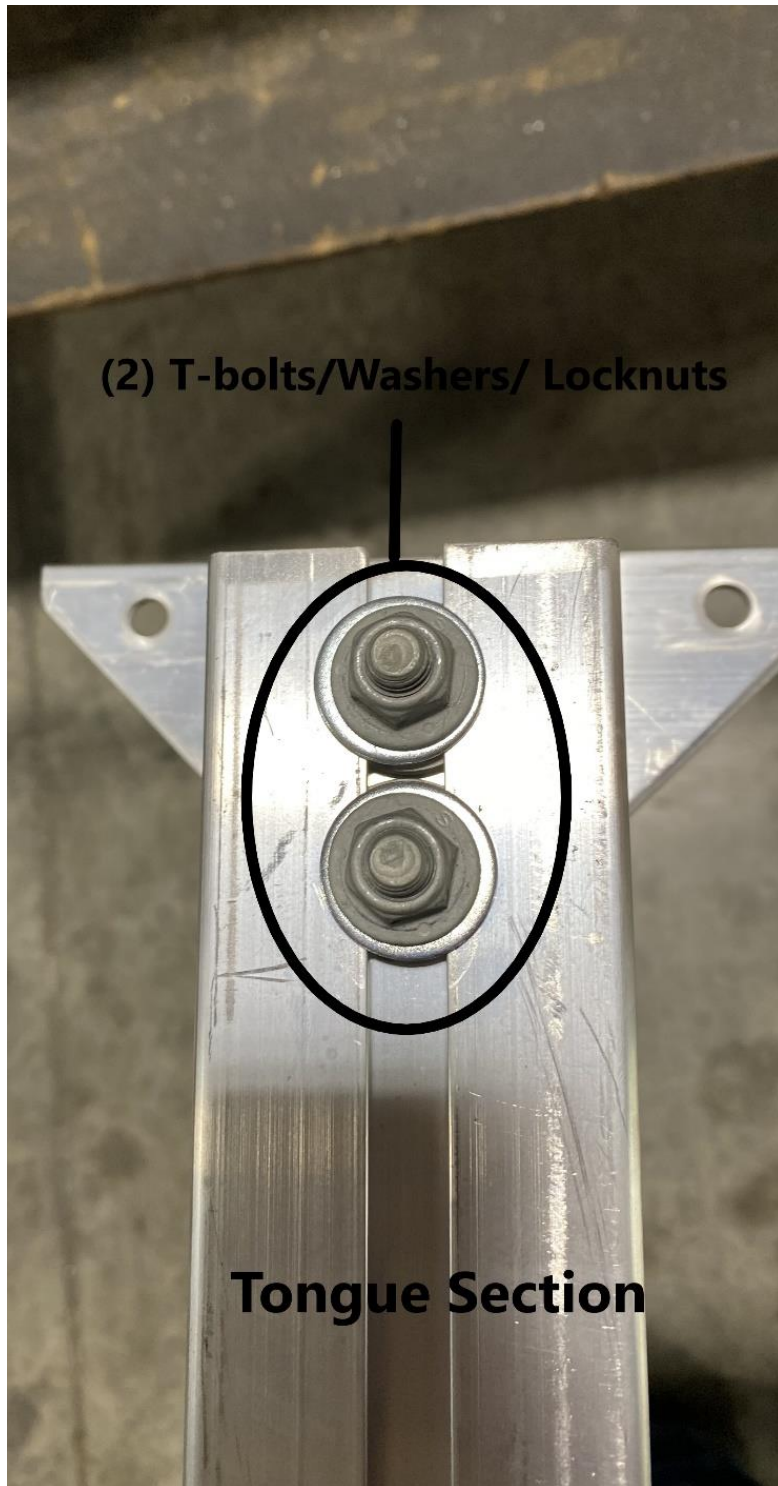
Tighten the (2) locknuts shown using a 9/16" wrench. Repeat this process for the right side rail.



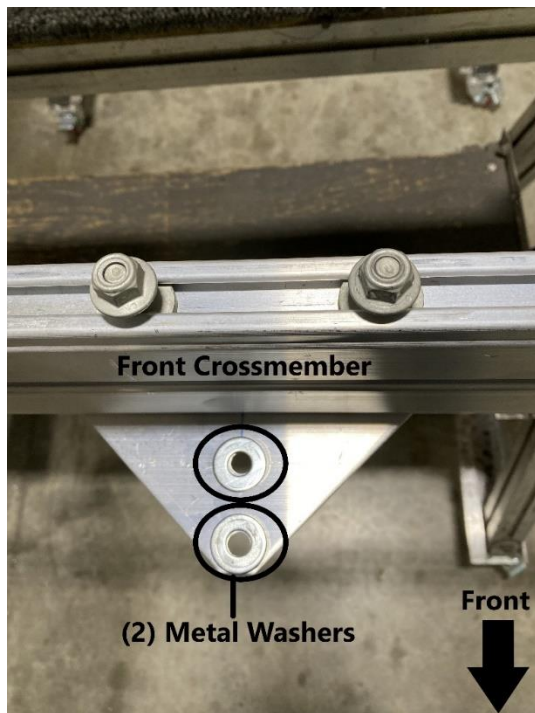
At this point the trailer looks like this.



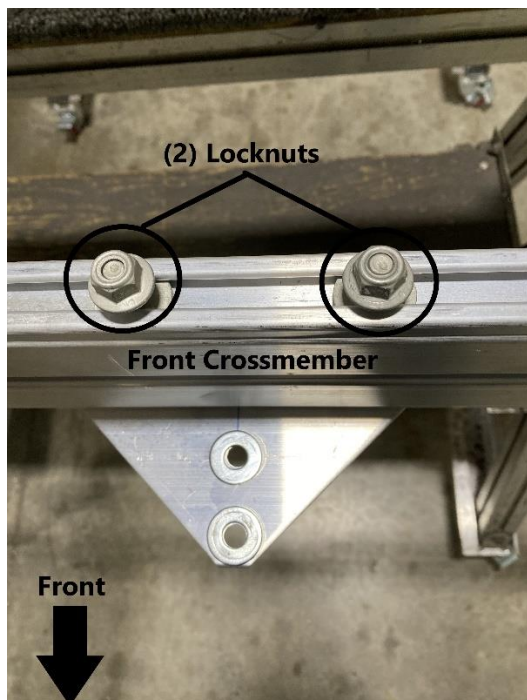
Locate the tongue section.



Locate the (2) T-bolts, (2) metal washers and (2) locknuts found on the bottom of the tongue section. Remove the locknuts using a 9/16" wrench. Also remove the (2) metal washers. Leave the (2) T-bolts in the bottom groove of the tongue section.



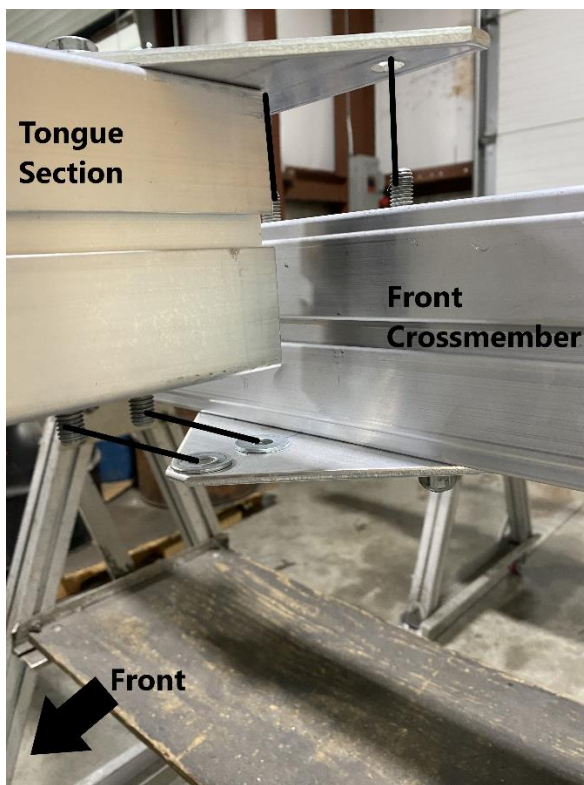
Locate the center of the front crossmember. Place the (2) metal washers that were removed from the tongue section onto the front crossmember holes as shown.



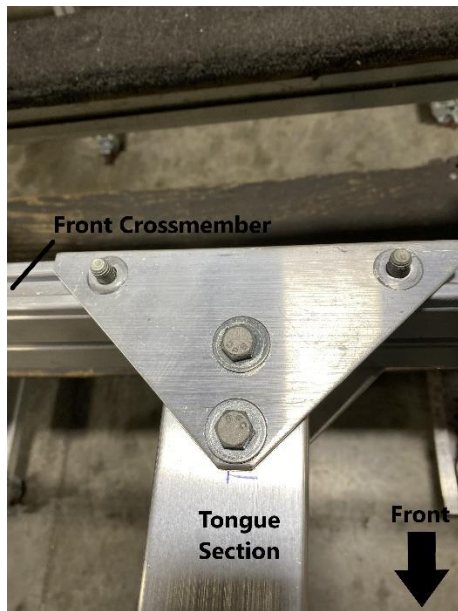
Locate the (2) locknuts installed on the top of the front crossmember. Remove the locknuts using a 9/16" wrench. The (2) T-bolts will remain installed.



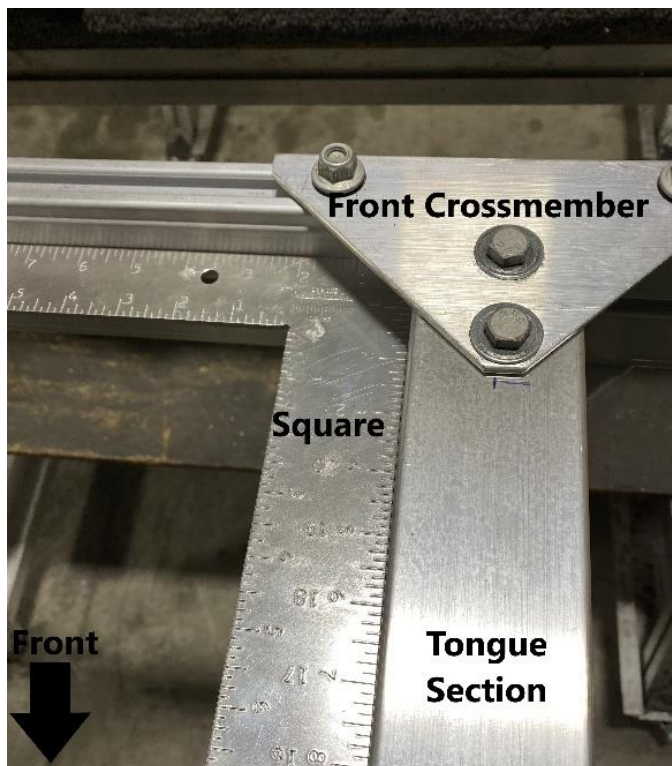
At this point the center of the front crossmember will look like this.



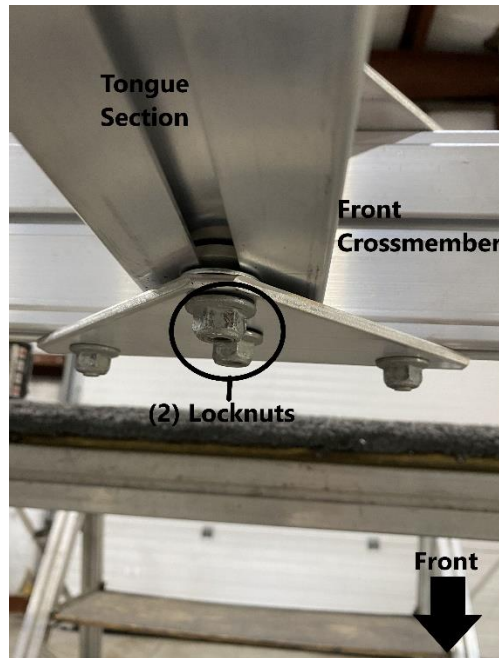
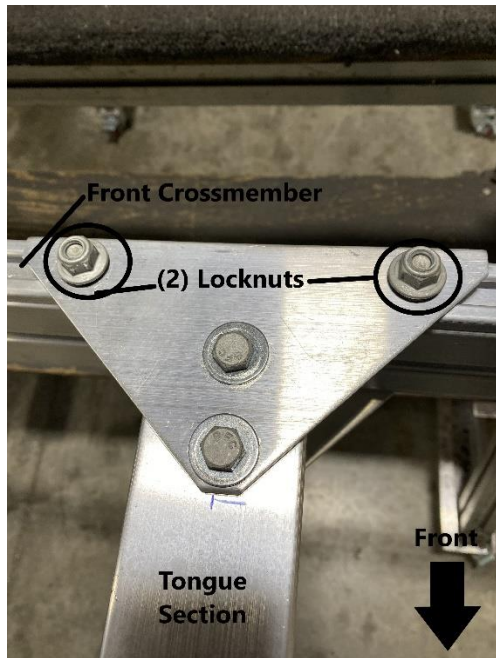
A third saw horse will be necessary to install the tongue section to the front crossmember. Install the tongue section to the front crossmember as shown, adjusting the (2) T-bolts on the tongue section as necessary to lineup with the holes on the front crossmember. The (2) T-bolts on the front crossmember maybe also need adjusted to lineup with the holes on the tongue section.



At this point the trailer will look like this.



Use a square to confirm front crossmember and the tongue section are at a 90 degree angle.



With the tongue section and front crossmember squared up, the locknuts will now need to be replaced and tightened. Replace the (4) locknuts shown and tighten with a 9/16" wrench.

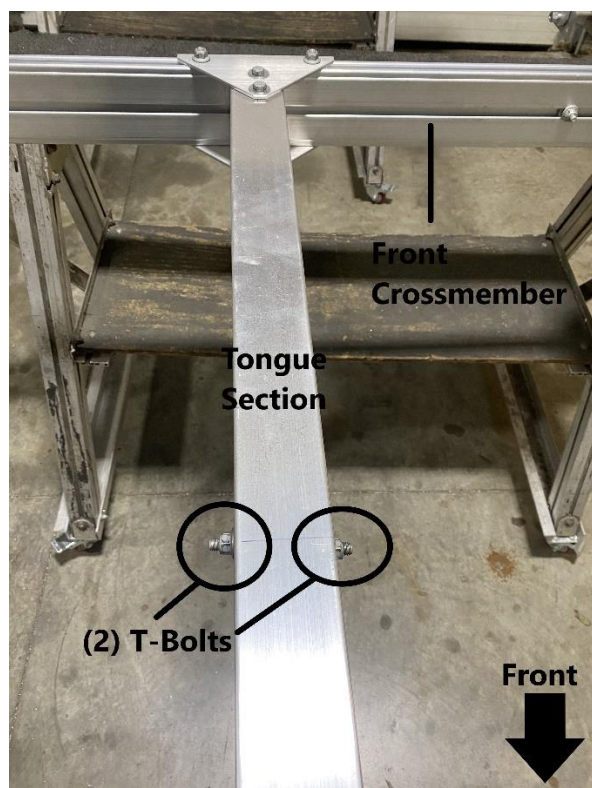


At this point the trailer will look like this.

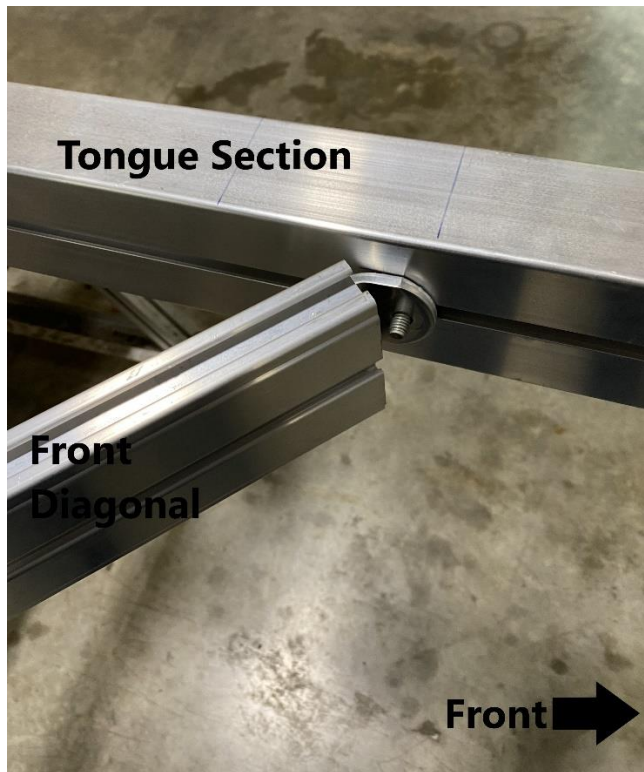


(2) Front Diagonals

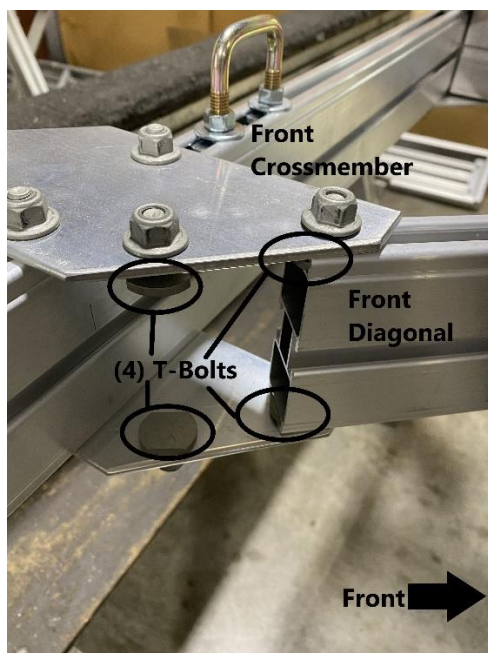
Locate the (2) front diagonals.



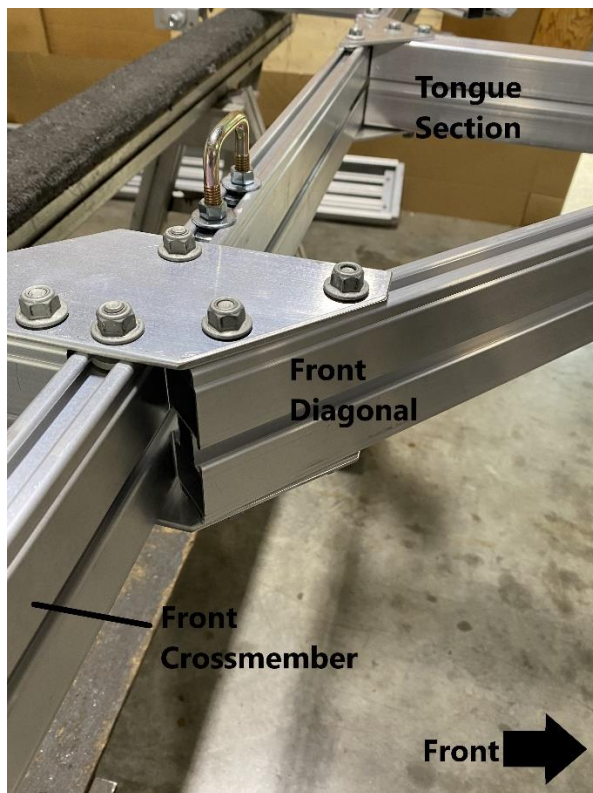
Locate the (2) locknuts shown on the tongue section. Remove the (2) locknuts shown using a 9/16" wrench.



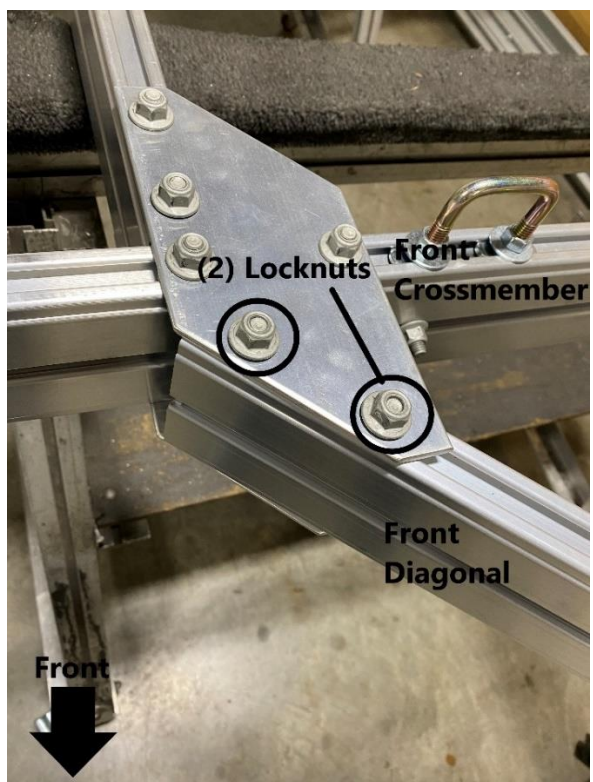
Install the front diagonal to the tongue section as shown.



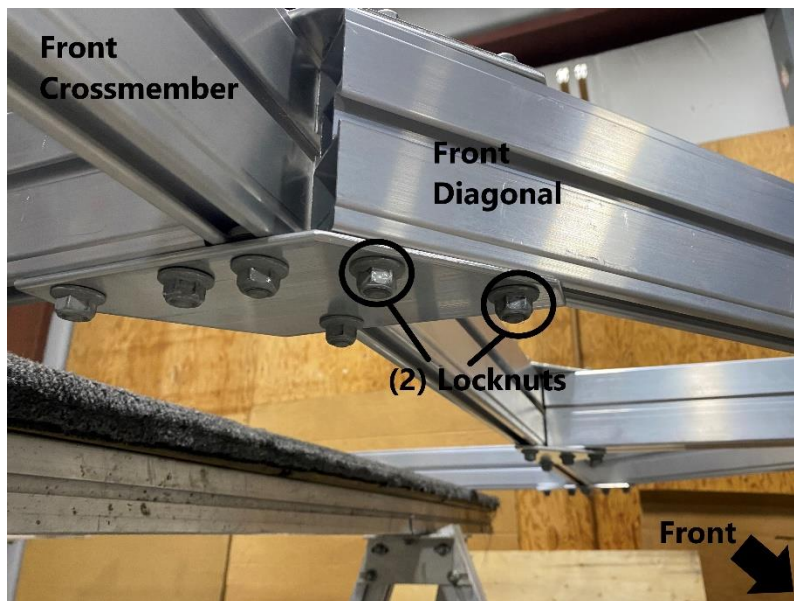
Slide the front diagonal onto the (4) T-bolts of the front crossmember as shown.



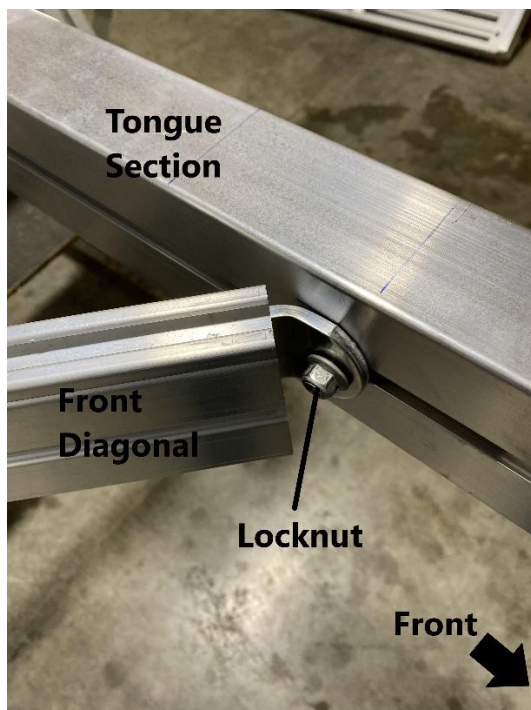
Continue sliding the front diagonal until it is touching the front crossmember.



Tighten the (2) locknuts shown using a 9/16" wrench.



Tighten the (2) locknuts shown using a 9/16" wrench.



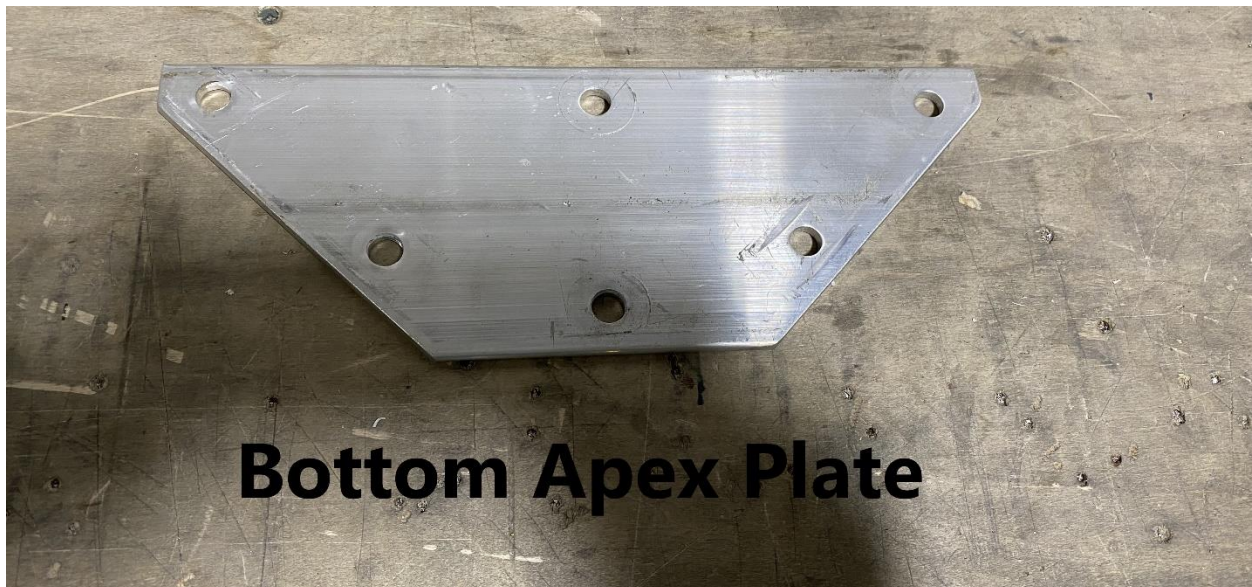
Replace the locknut shown and tighten using a 9/16" wrench. Repeat this process to install the 2nd front diagonal.



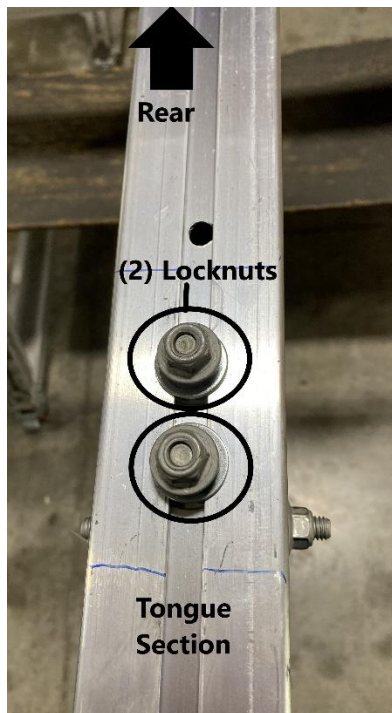
At this point the trailer looks like this.



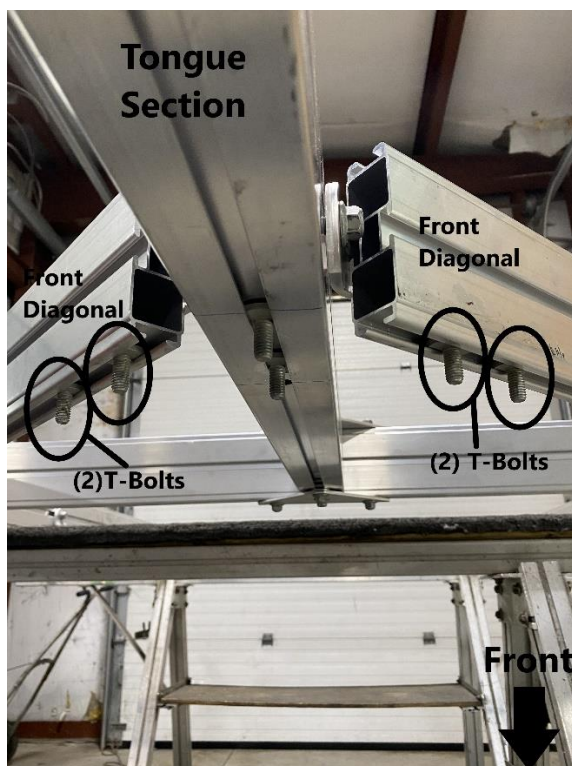
Locate the bottom apex plate.



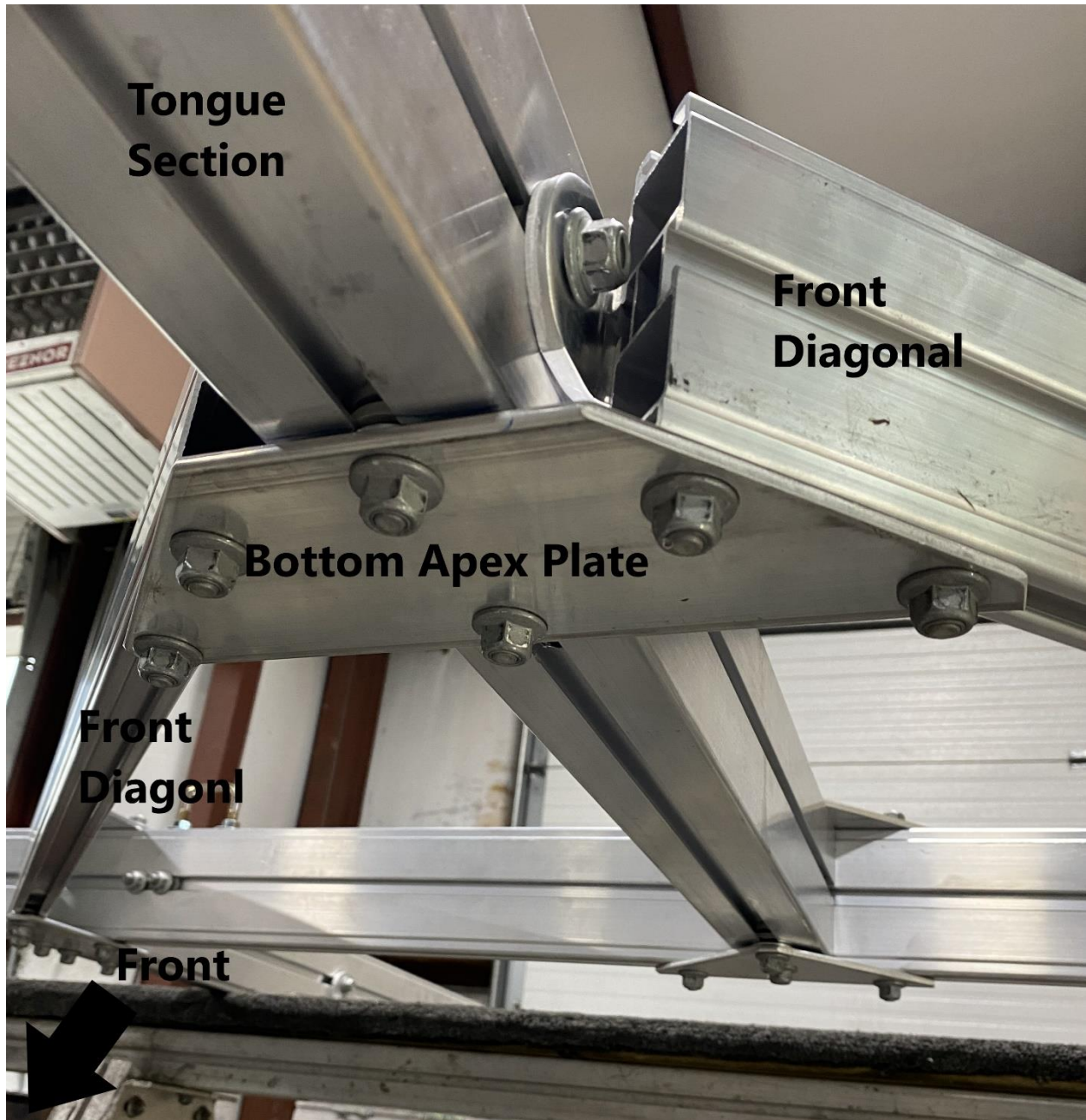
Remove the (4) T-bolts and (4) locknuts from the bottom apex plate.



Locate the (2) locknuts shown on the bottom of the tongue section. Remove the (2) locknuts using a 9/16" wrench.



Install (4) T-bolts into the bottom grooves of the (2) front diagonals. (2) T-bolts will be installed in each front diagonal.



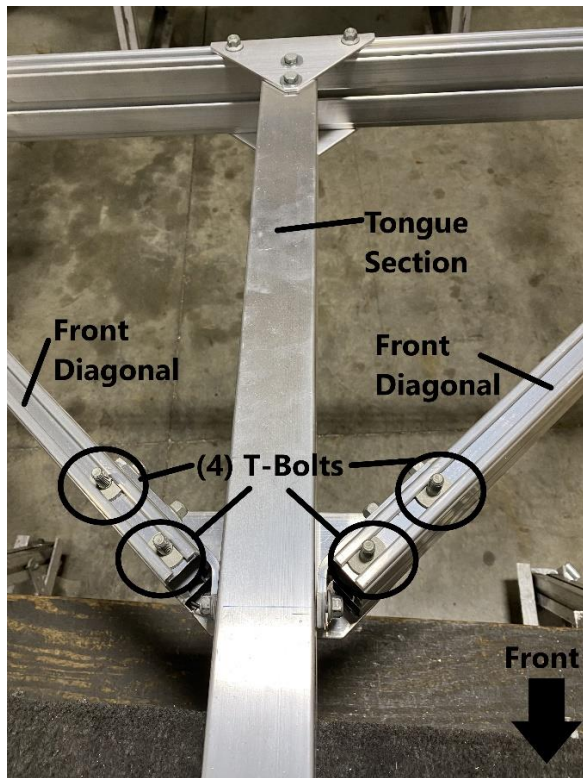
Install the bottom apex plate to the (4) T-bolts installed in the bottom grooves of the (2) front diagonals and the (2) T-bolts installed in the bottom groove of the tongue section. Replace the (6) locknuts and tighten using a 9/16" wrench.



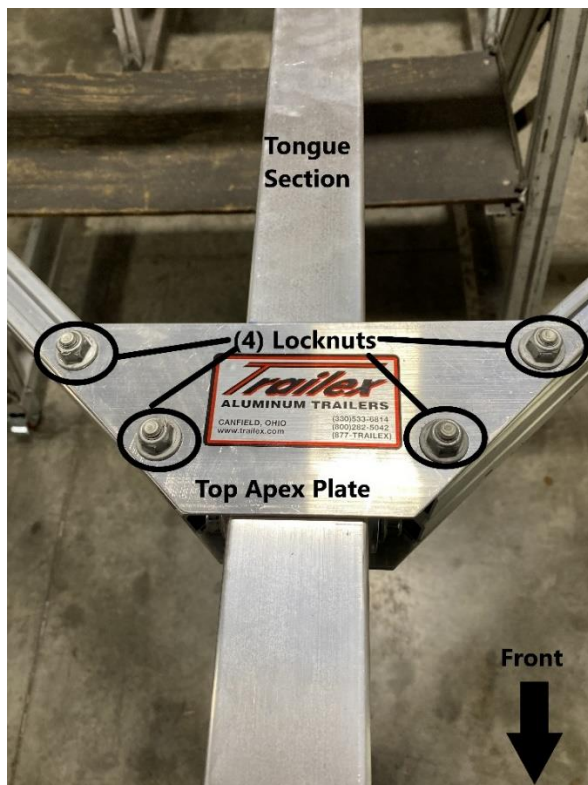
Locate the top apex plate.



Remove the (4) T-bolts and (4) locknuts from the top apex plate.



Install (4) T-bolts into the top grooves of the (2) front diagonals.



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

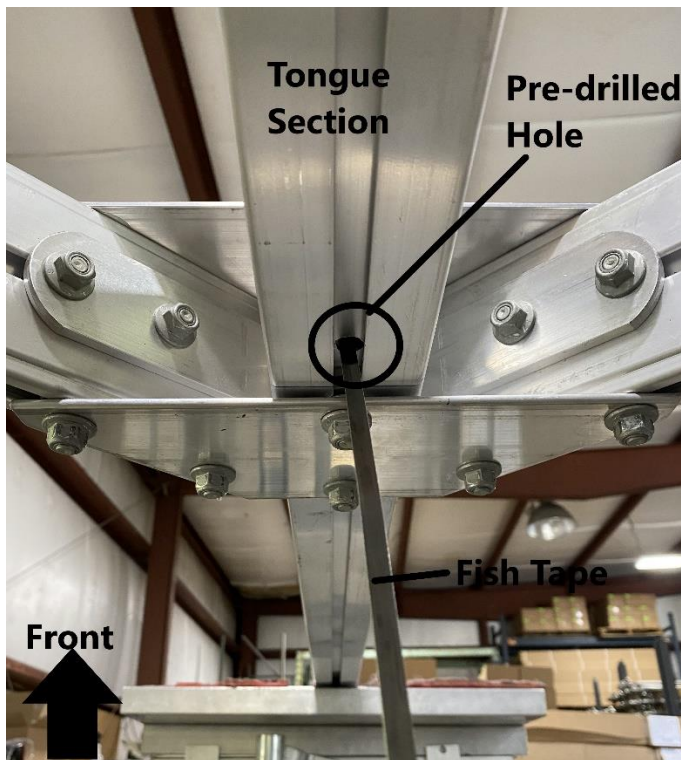


At this point the trailer will look like this.

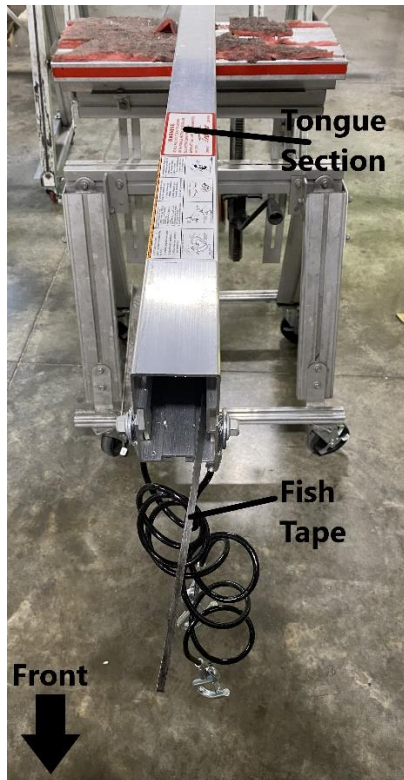
Wiring Instructions



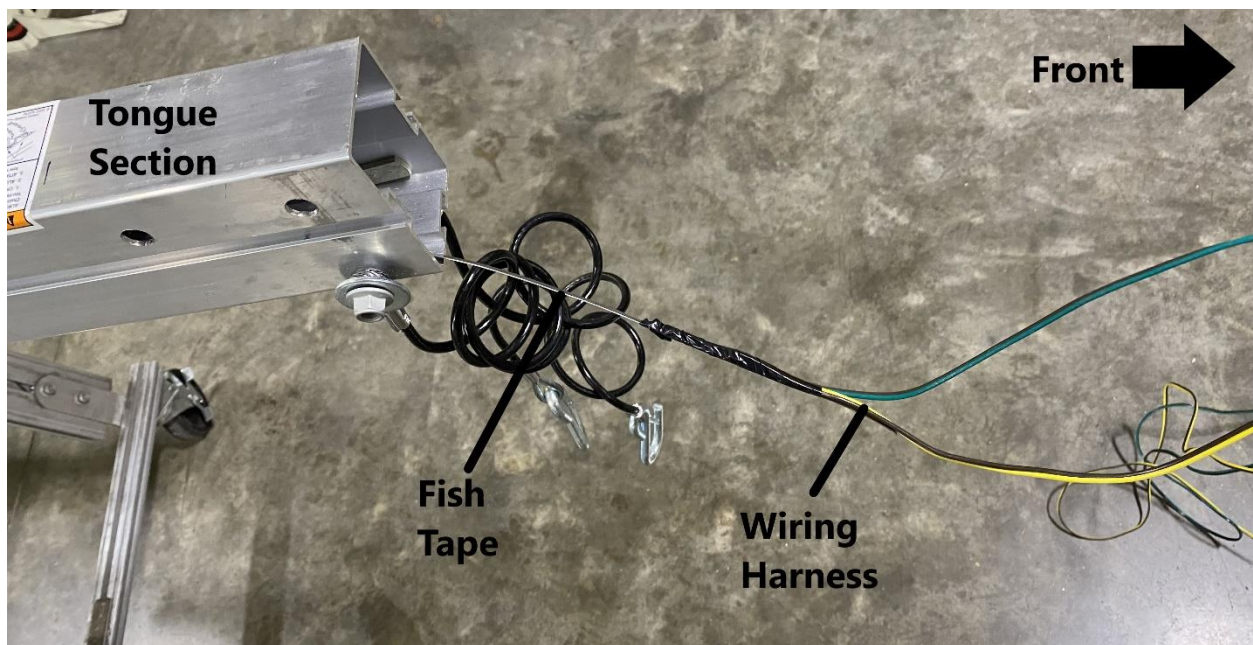
Locate the wiring harness.



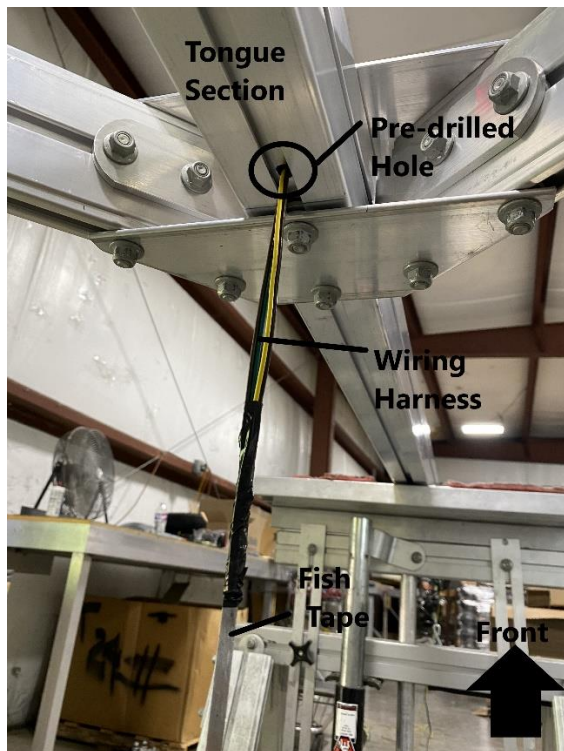
Locate the pre-drilled hole on the bottom of the tongue section. Run fish tape through the pre-drilled hole towards the front of the trailer.



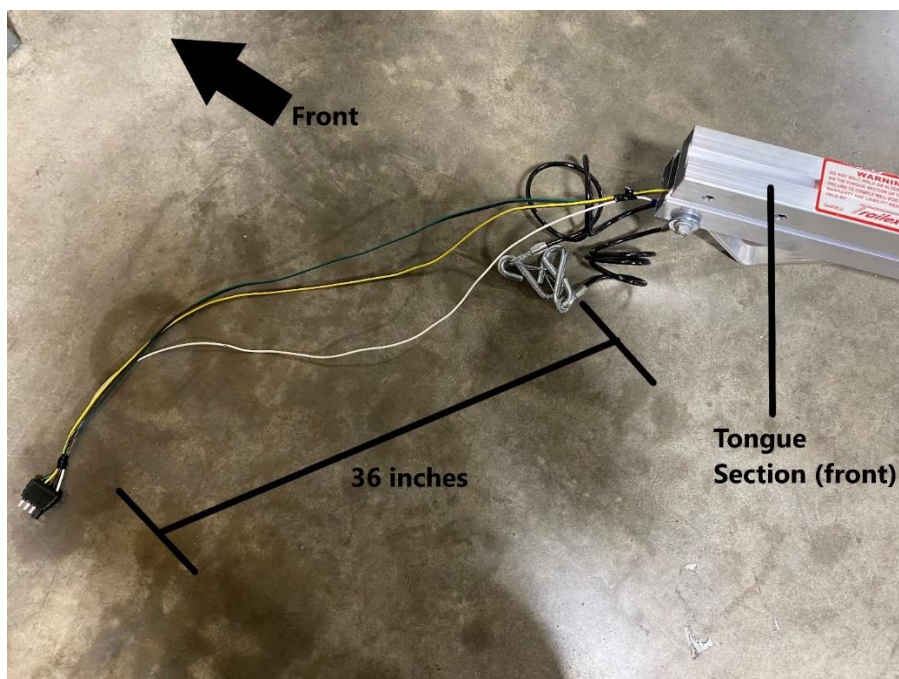
Continue running the fish tape until it reaches the front of the tongue section.



Using electrical tape, tape the end of the wiring harness to the end of the fish tape. *Do not tape the end of harness with the flat four plug.* This will stay at the front of the trailer.



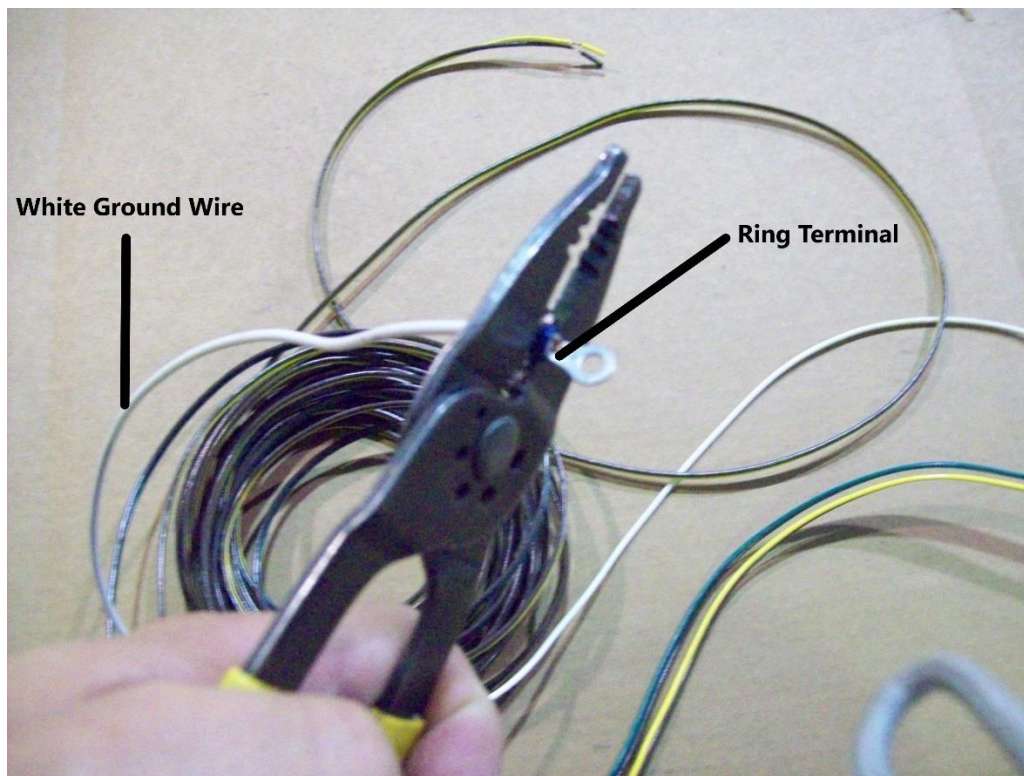
Retract the fish tape, pulling the wiring harness through the tongue section and out through the pre-drilled hole.



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.



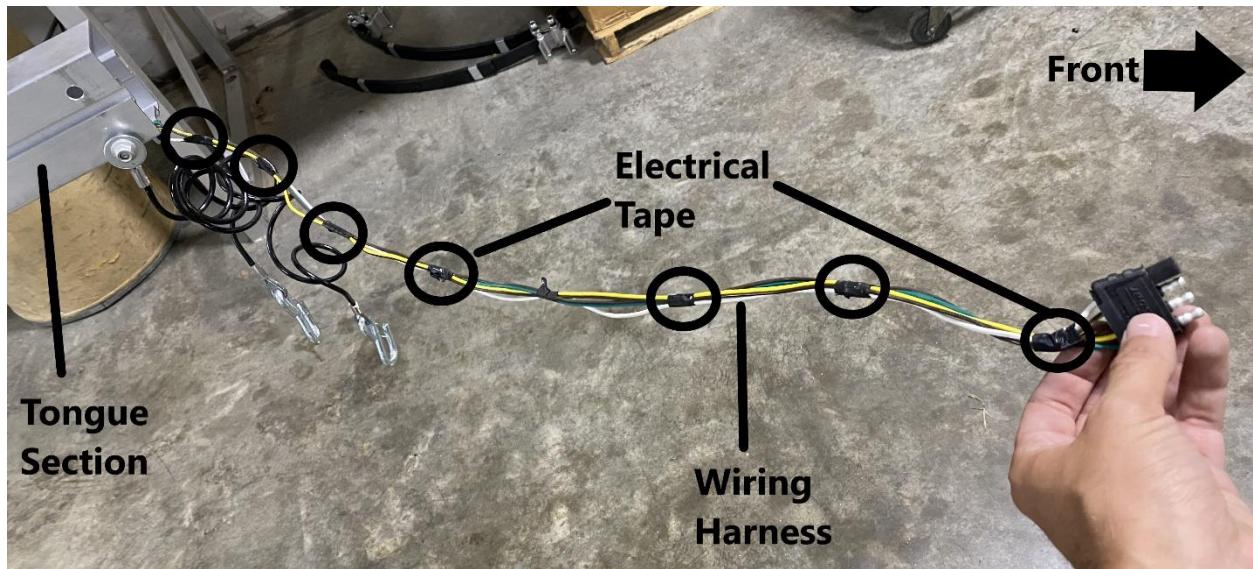
Install the ring terminal to the white ground wire of the wiring harness as shown. Strip the end of the white ground wire, place the ring terminal on the end of the white ground wire and crimp the two together.



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



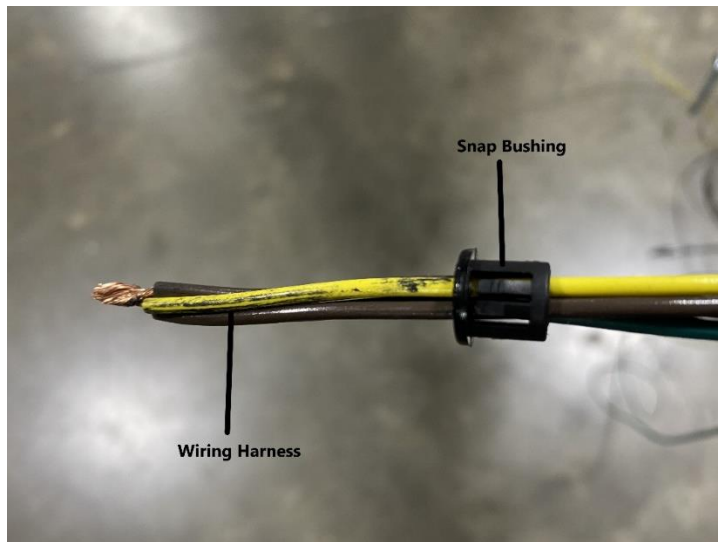
Using a Phillips screwdriver, install the Phillips screw through the ring terminal on the white ground wire into the pre-drilled hole. The pre-drilled hole is located at the bottom of the front tongue section by the safety cables.



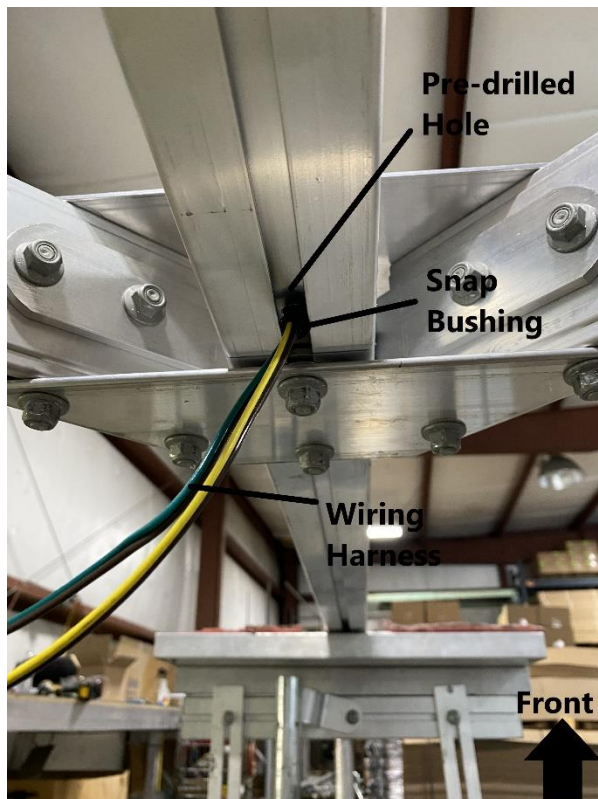
The front of the trailer will have 36 inches of wiring harness that is used to connect the wiring harness to the tow vehicle. Tape these wires together using electrical tape.



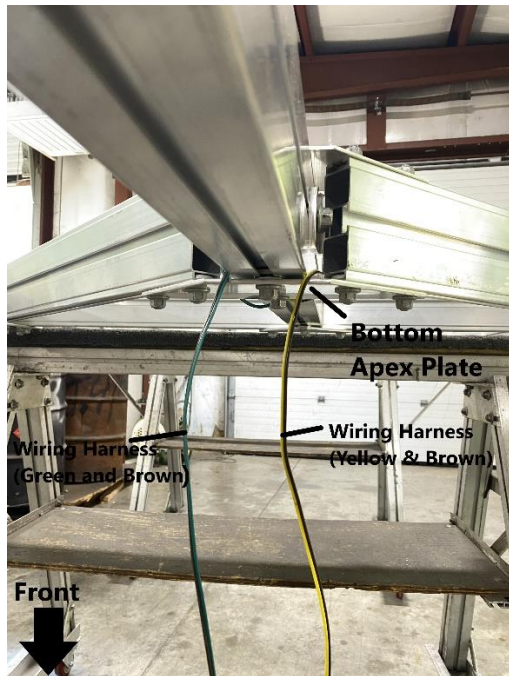
Locate the snap bushing found in the LED Light Kit.



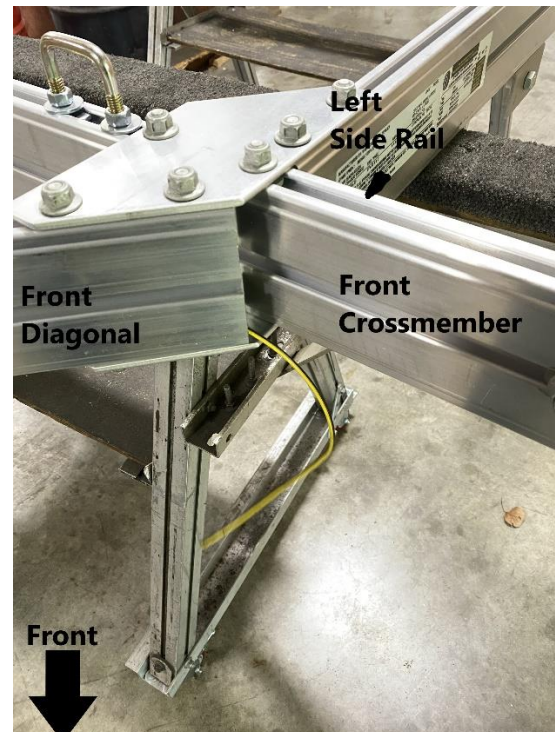
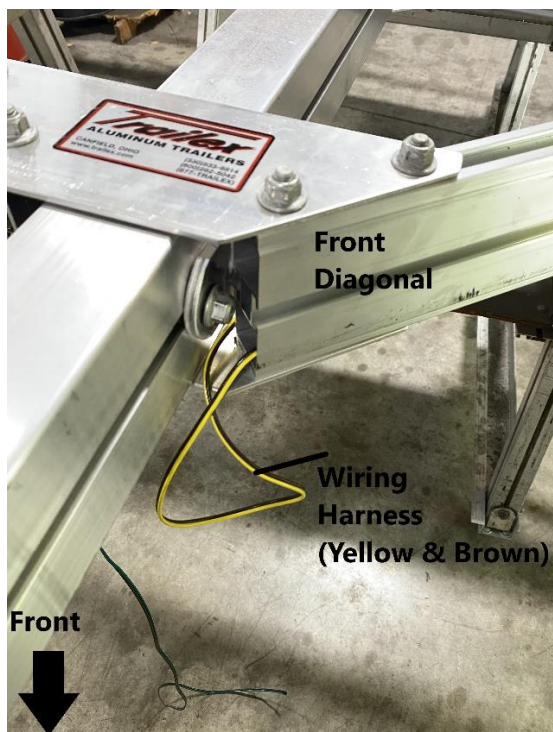
Install the snap bushing on the wiring harness. This will be the end of the wiring harness that was pulled through the tongue section and out through the pre-drilled hole.



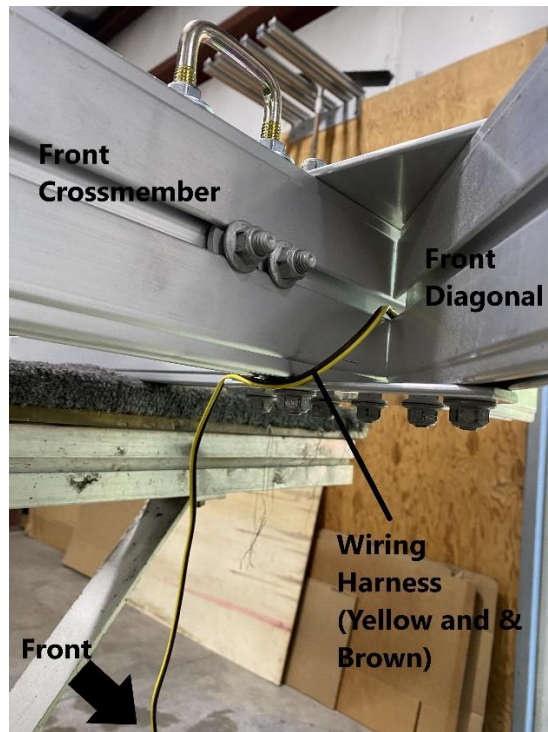
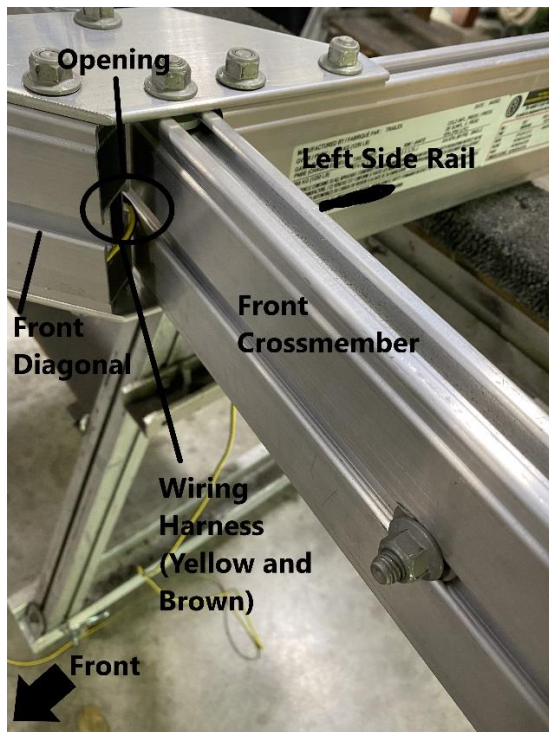
Install the snap bushing into the pre-drilled hole as shown. Run the snap bushing up the wiring harness and press the snap bushing into the pre-drilled hole. A standard screwdriver can be used to press the snap bushing into place.



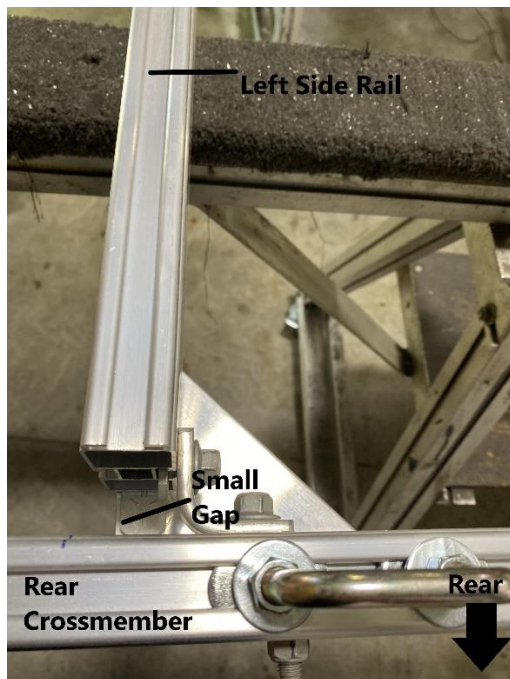
Separate the wiring harness into two parts: 1 green and 1 brown wire, and 1 yellow and 1 brown wire. Move the wires so that they are hanging over the bottom apex plate as shown.



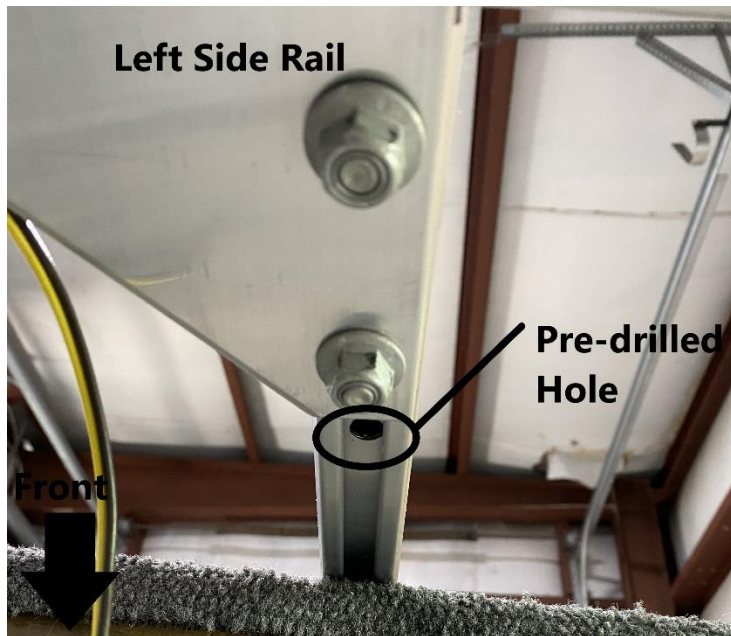
The wiring harness will need ran through the front diagonal. Run the yellow and brown wires through the front diagonal towards the left side rail.



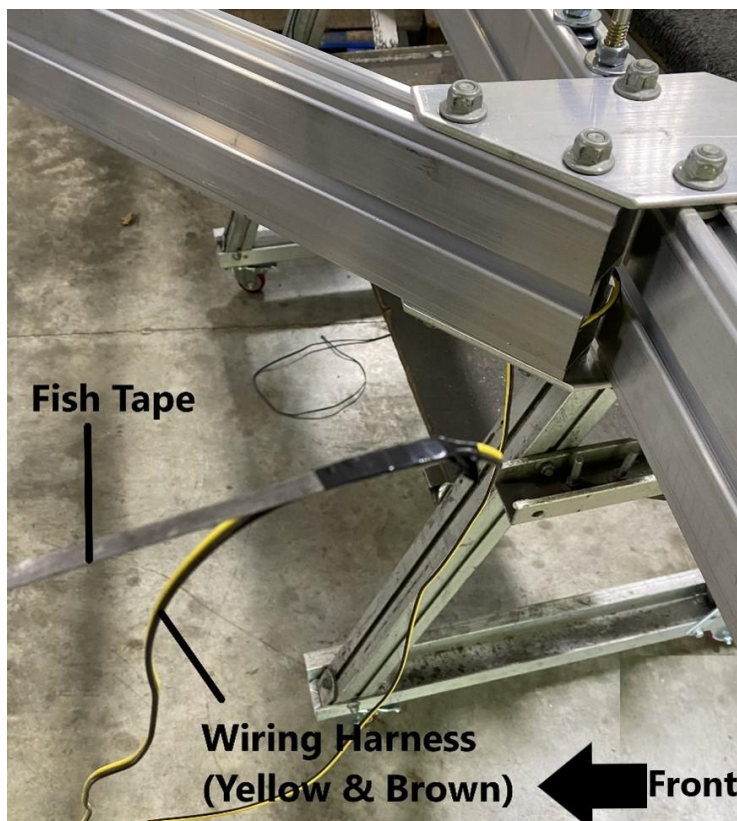
The wiring harness will now need to be ran around the front crossmember. Locate the opening between the front diagonal and front crossmember. Run the wiring harness through the opening towards the inside of the trailer.



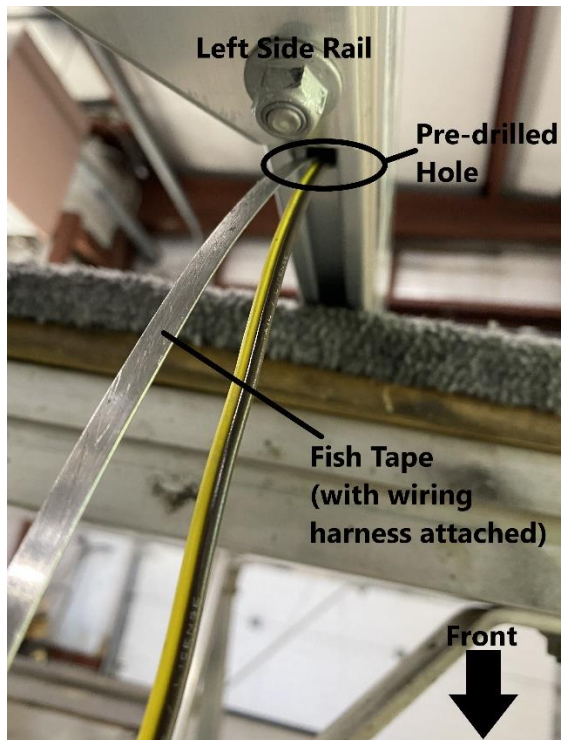
The wiring harness will now need to be ran through the left side rail. First, move to the rear of the trailer. Move the rear crossmember to create a small gap between the rear crossmember and the left side rail.



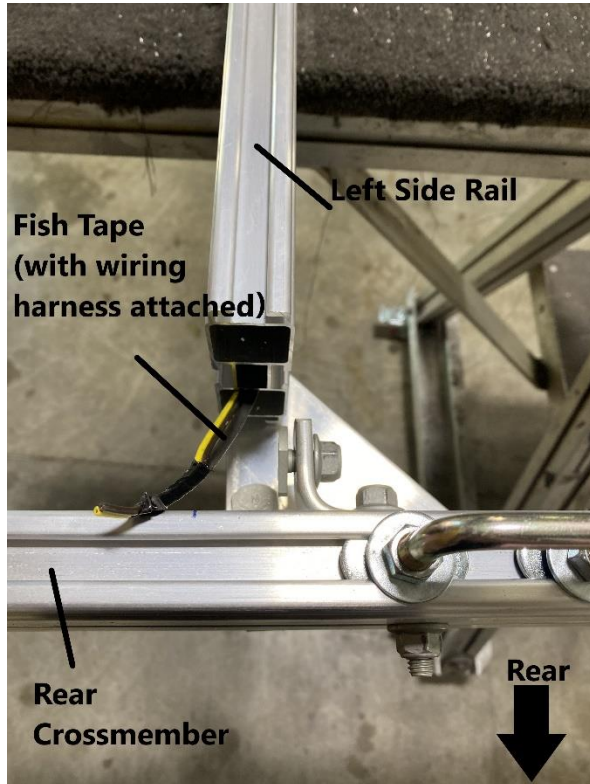
Move to the front of the trailer. Locate the pre-drilled hole in the bottom groove of the left side rail.



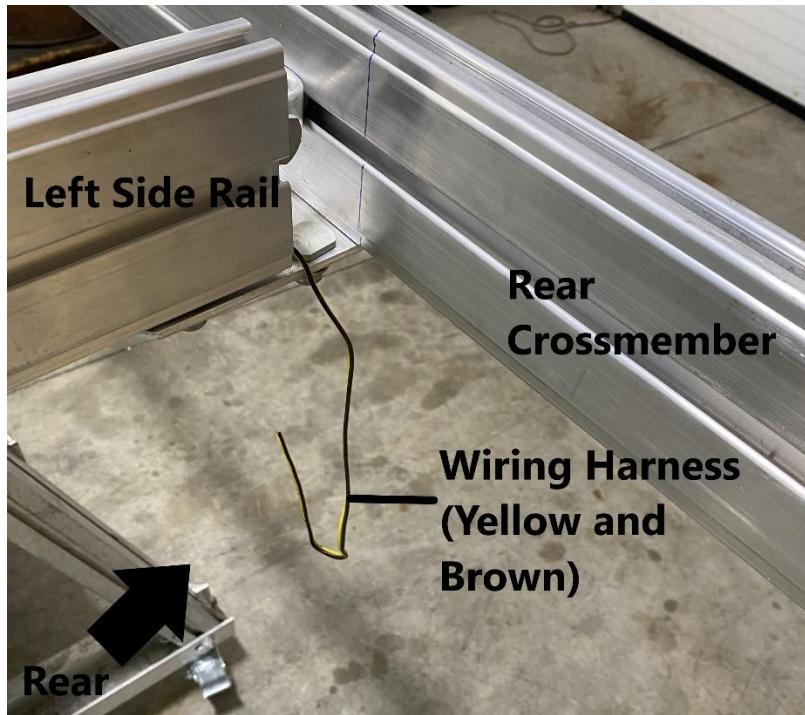
Use electrical tape to tape the end of the wiring harness to the fish tape.



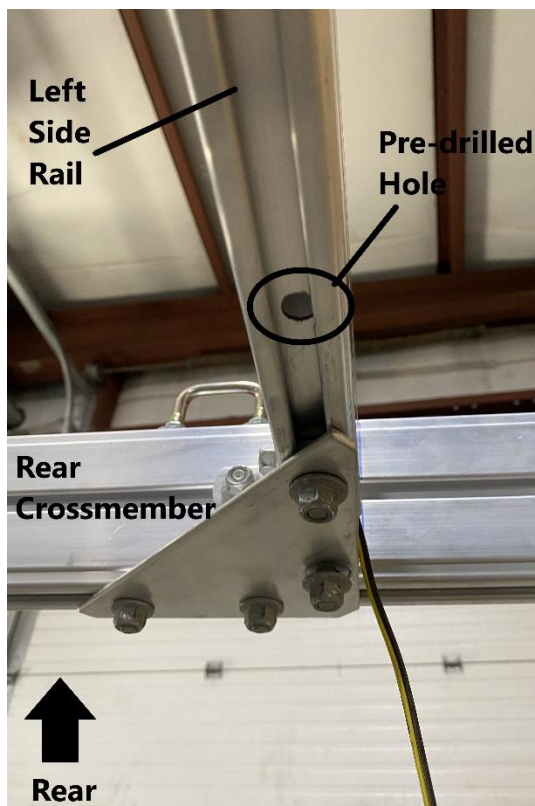
Run the fish tape (with the wiring harness attached) through the pre-drilled hole on the left side rail towards the rear of the trailer.



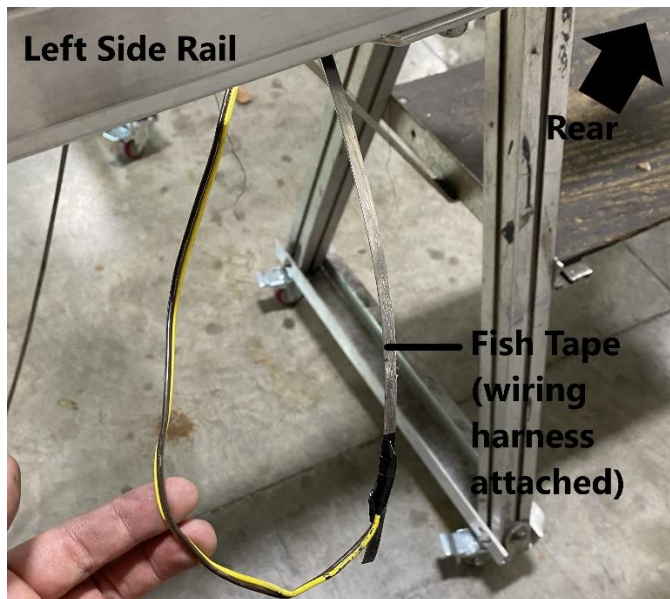
Continue running the fish tape until it reaches the rear of the trailer.



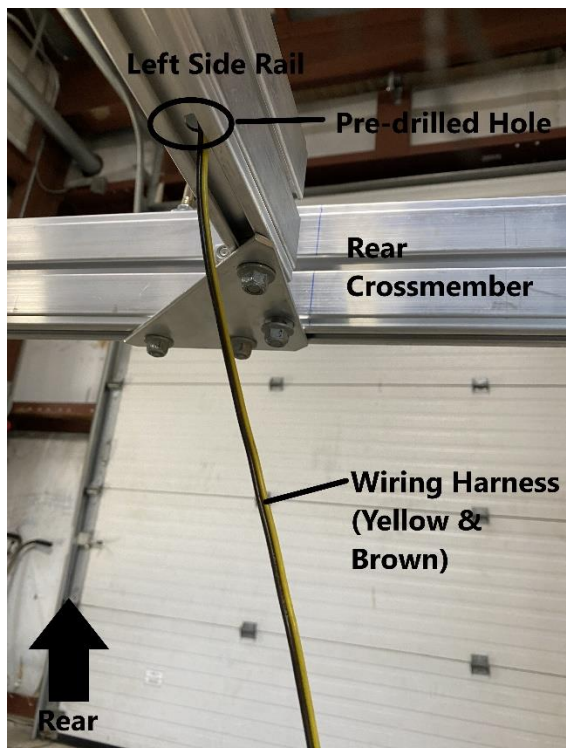
Remove the electrical tape and retract the fish tape, leaving the wiring harness at the rear of the trailer.



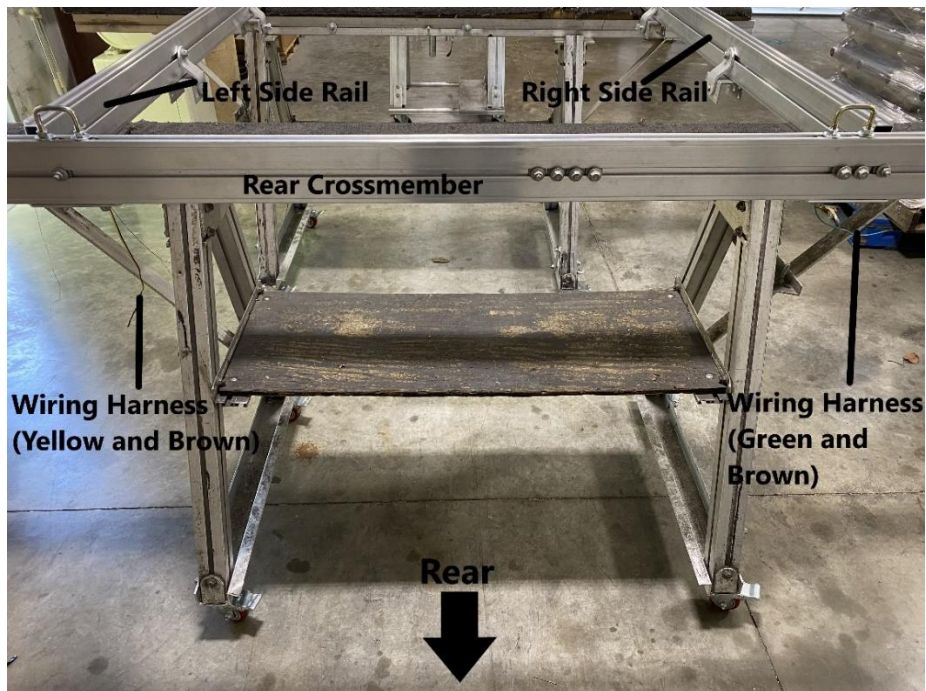
Locate the pre-drilled hole shown on the left side rail.



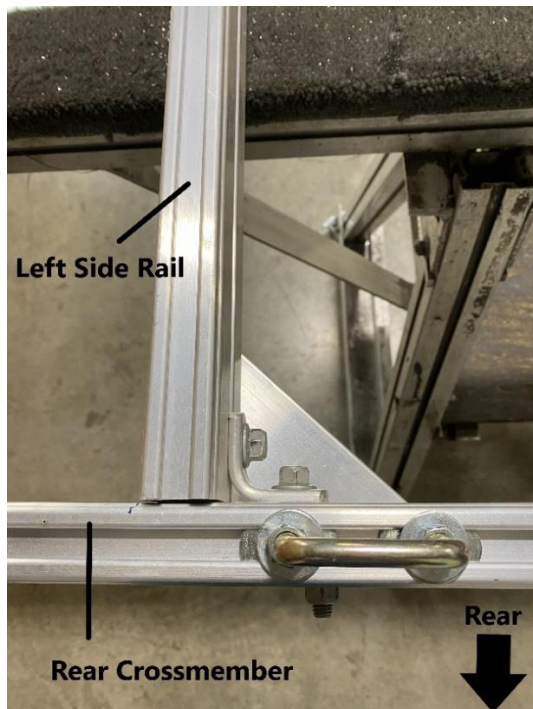
Run the fish tape through the pre-drilled hole. Attached the fish tape to the end of the wiring harness.



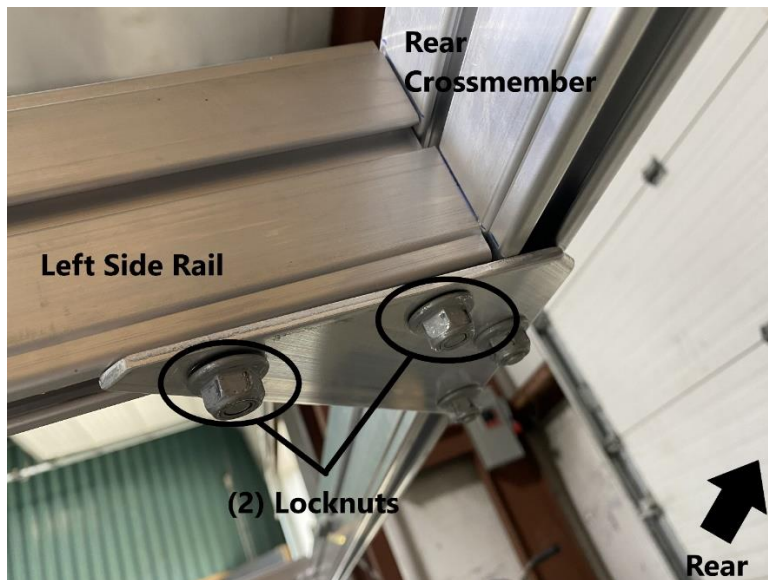
Retract the fish tape, pulling the wiring through the pre-drilled hole. Remove the electrical tape. The wiring harness is now ran to the rear of the trailer, hanging from the bottom of the left side rail.



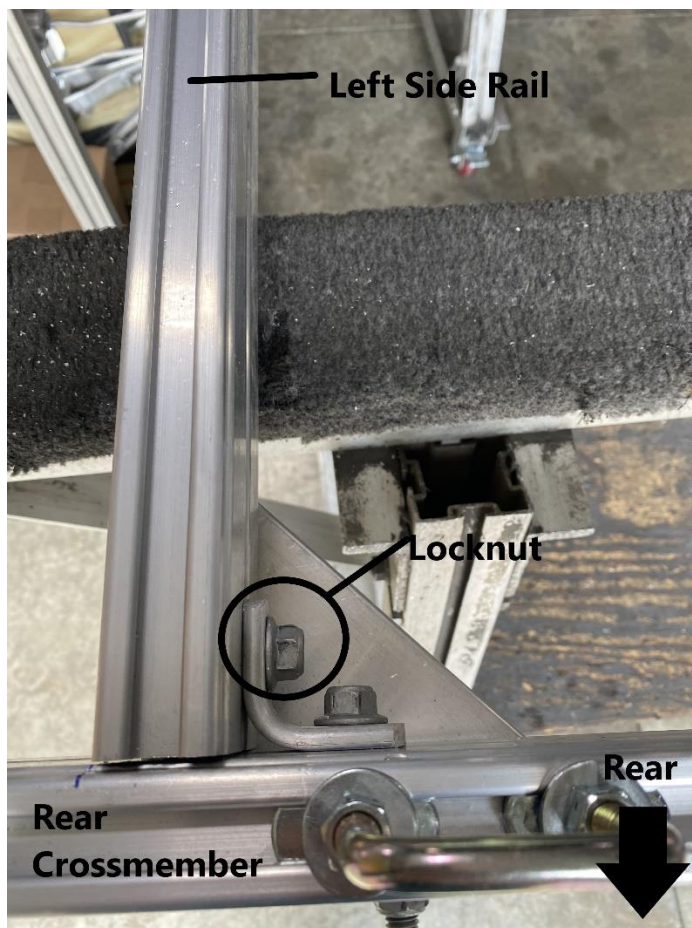
Repeat these steps to run the green and brown wires of wiring harness through the right side rail. At this point the trailer looks like this.



With the wiring harness now ran to the rear of the trailer, the rear crossmember needs to be tightened. Slide the left side rail until it is flush with the rear crossmember. Repeat this process to install the right side rail to the rear crossmember.



Tighten the (2) locknuts shown using a 9/16" wrench. Repeat this process for the right side rail.

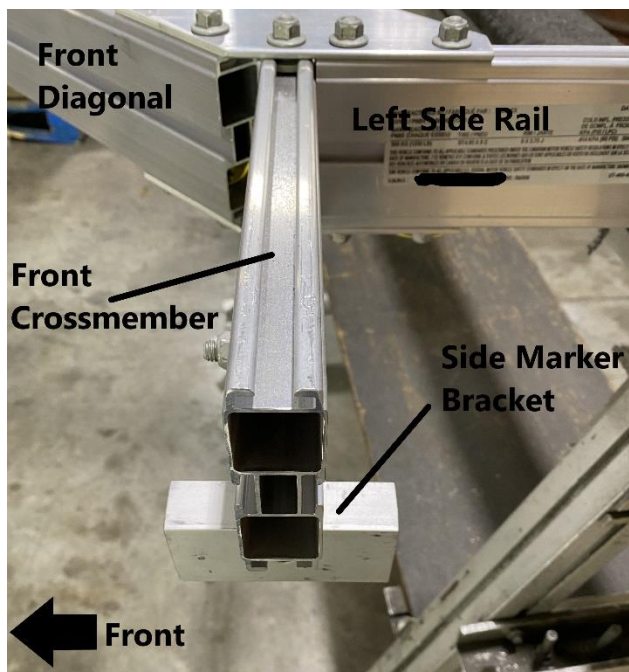


Tighten the locknut shown using a 9/16" wrench. Repeat this process for the right side rail.

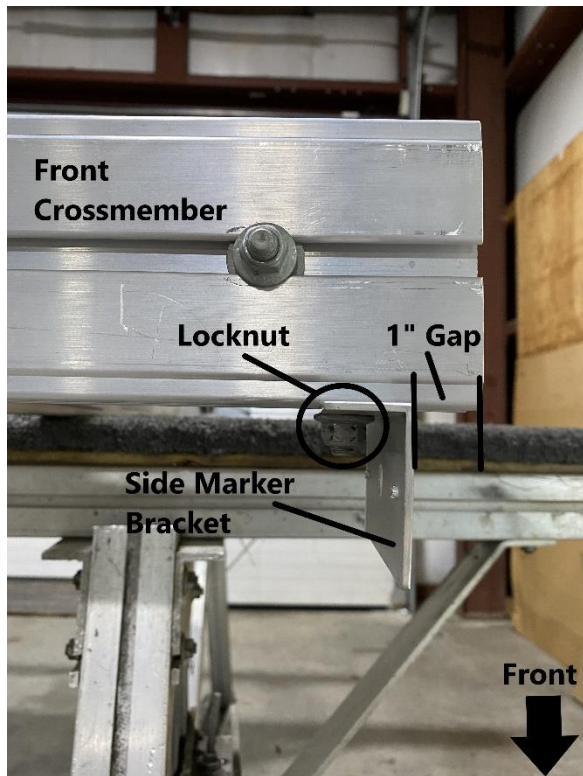


(2) Side Marker Brackets

Locate the (2) side marker brackets.



Install the side marker bracket to the bottom groove of the front crossmember.



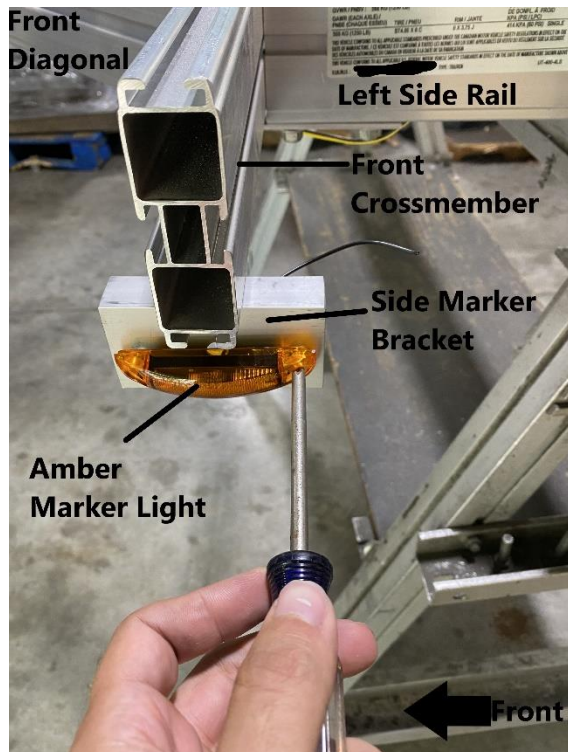
Leave a 1" gap from the end of the front crossmember. Tighten the locknut using a 9/16" wrench.



Locate the (2) amber market lights found in the LED Light Kit.



Strip the end of the amber marker light wire.



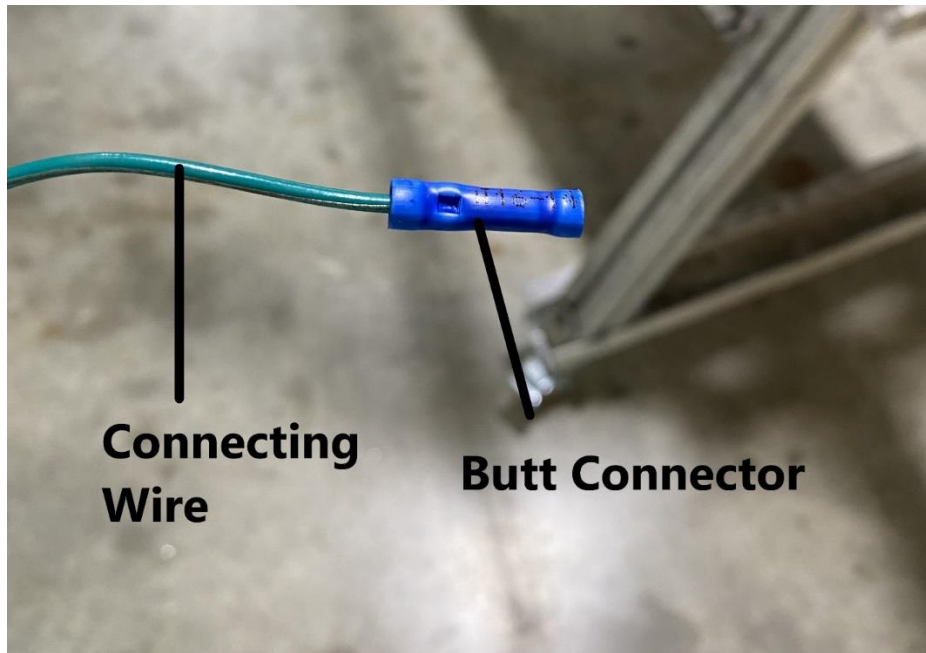
Locate (2) $\frac{3}{4}$ " long Phillips screws found in the LED Light Kit. Install the amber marker light as shown. Note that the stripped wire will be inserted into the center hole of the side marker bracket. Repeat the process to install an amber marker light on the other side of the trailer.



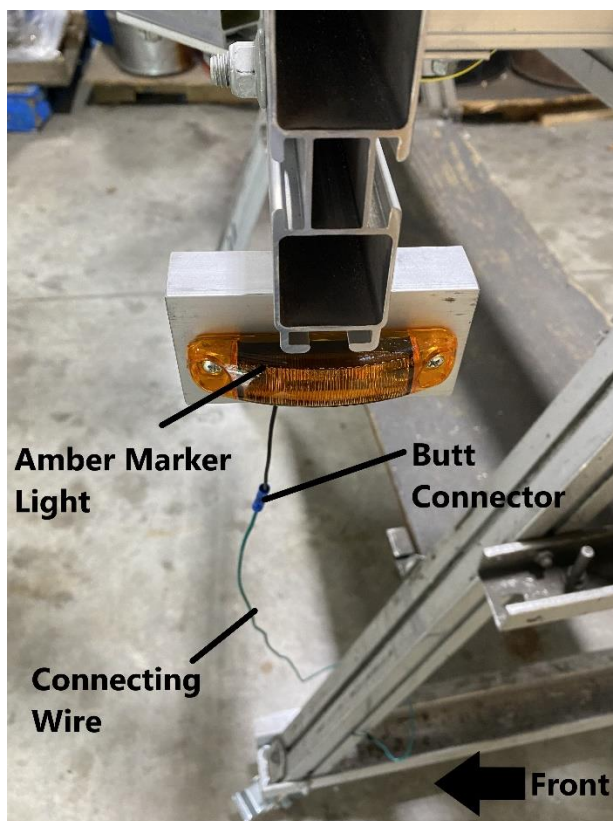
Locate the 3 foot connecting wire in the LED Light Kit.



Locate the butt connectors found in the LED Light Kit.



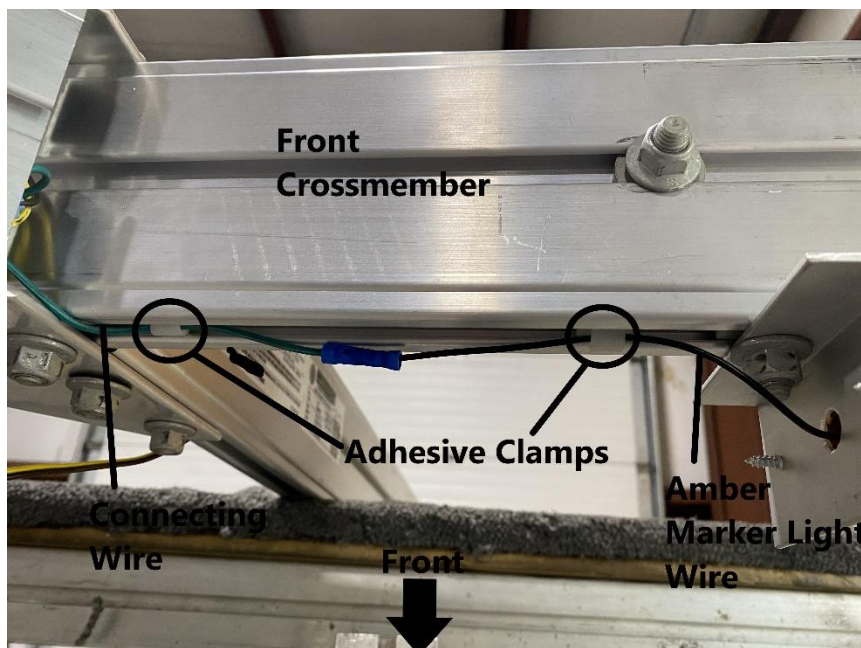
Strip the end of the connecting wire. Insert the connecting wire into the butt connector. Crimp the butt connector.



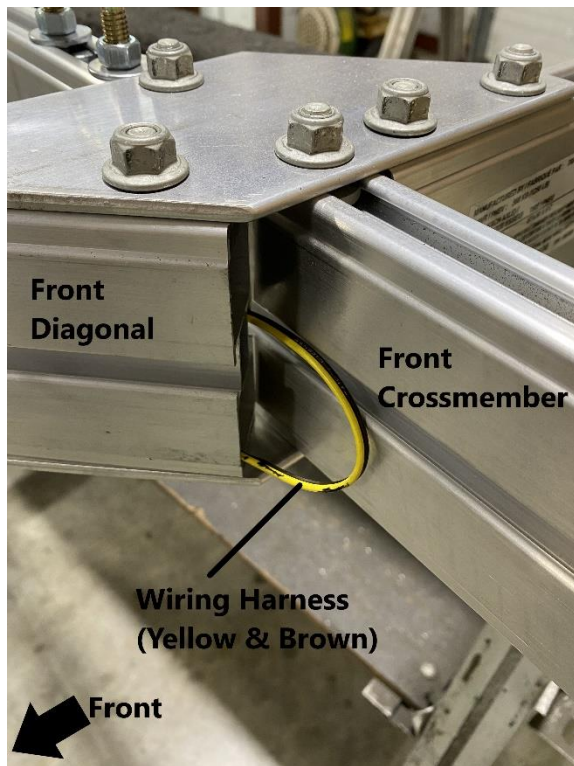
Crimp the amber marker light wire to the other side of the butt connector. This will attach the amber marker light to the connecting wire.



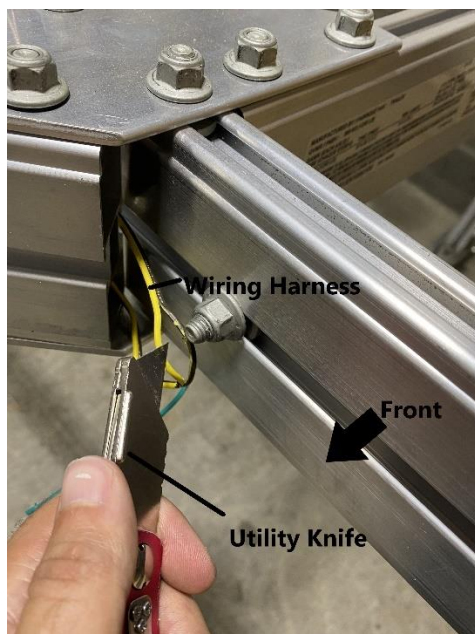
Locate (4) adhesive clamps found in the LED Light Kit.



Use (2) adhesive clamps to run the amber marker light wire/connecting wire towards the inside of trailer. Remove the backing of the adhesive clamp and press the adhesive side of the clamp into the bottom groove of the front crossmember.

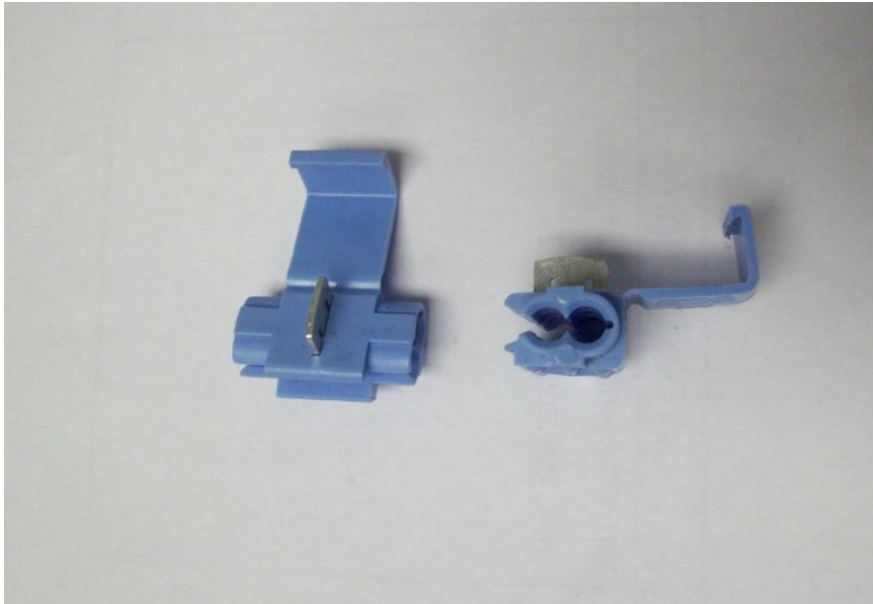


Locate the wiring harness by the front diagonal and front crossmember.

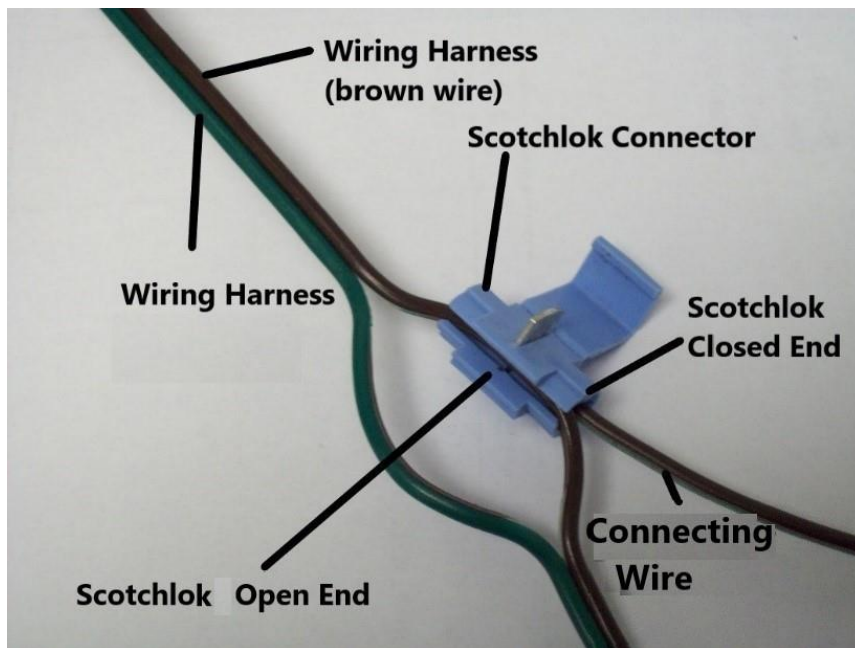


Use a utility knife to separate the yellow wire from the brown wire. **Do not cut through the wires.** The following instructions will explain how to use a scotchlok connector to connect the amber marker light to the wiring harness.

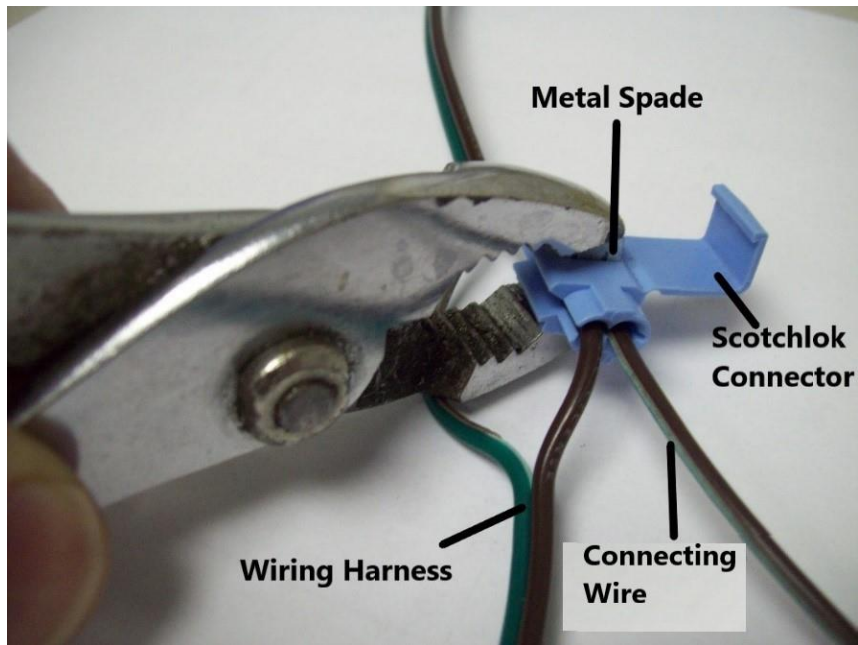
Scotchlok Connector Instructions



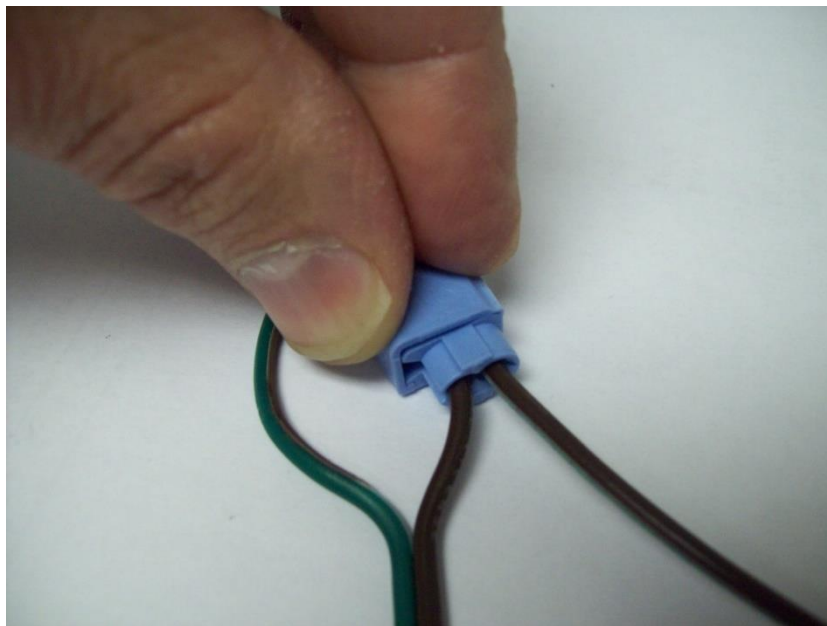
Locate (2) Scotchlok connectors. These will be found in the LED Light Kit. This will be used to attach the connecting wire to the wiring harness.



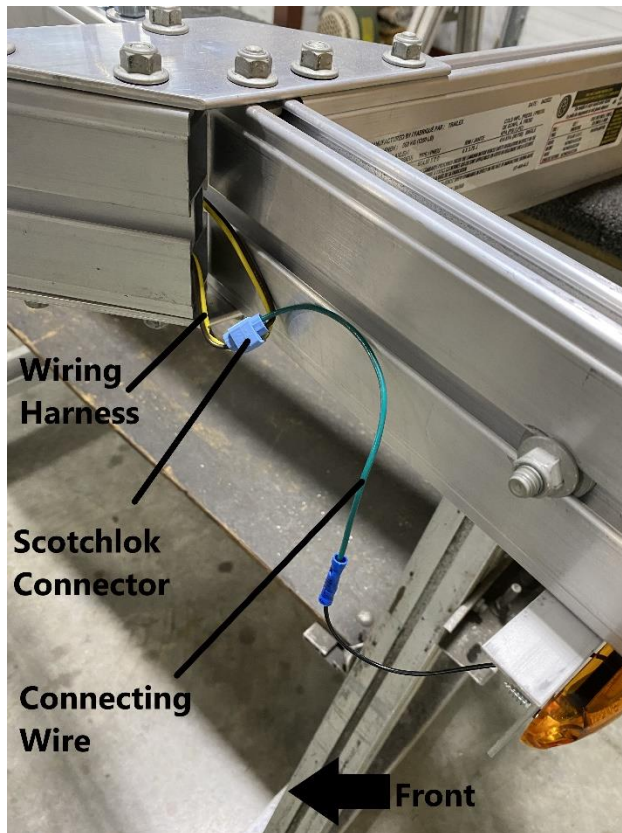
The above image shows how the wiring harness will connect to the connecting wire. Insert the connecting wire into the Scotchlok connector. This hole does not pass all the way through. The wire should go in about $\frac{1}{2}$ ". Pass the brown wire of the wiring harness through the remaining open slot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



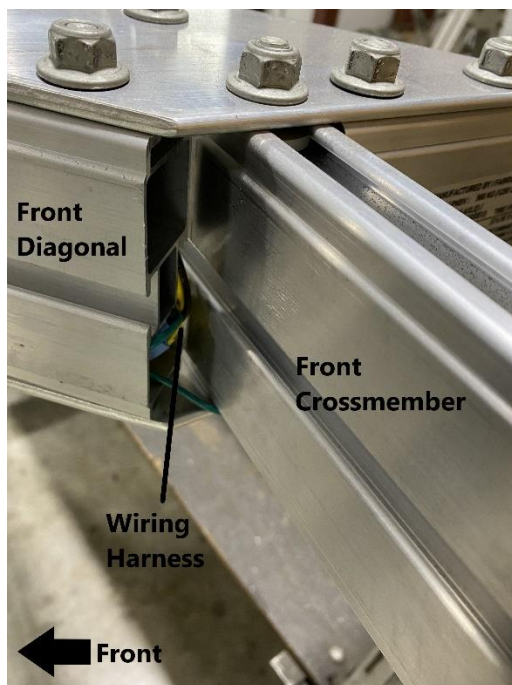
Use pliers to push the metal spade down until it is flush with the plastic of the Scotchlok Connector. This is what makes the electrical connection between the two wires.



Close the hinge cover on the Scotchlok Connector.



When connected, the scotchlok connector will look like this.



Carefully push the wiring harness into the front diagonal. Repeat this process on the other side of the trailer to connect both amber marker lights to the wiring harness.

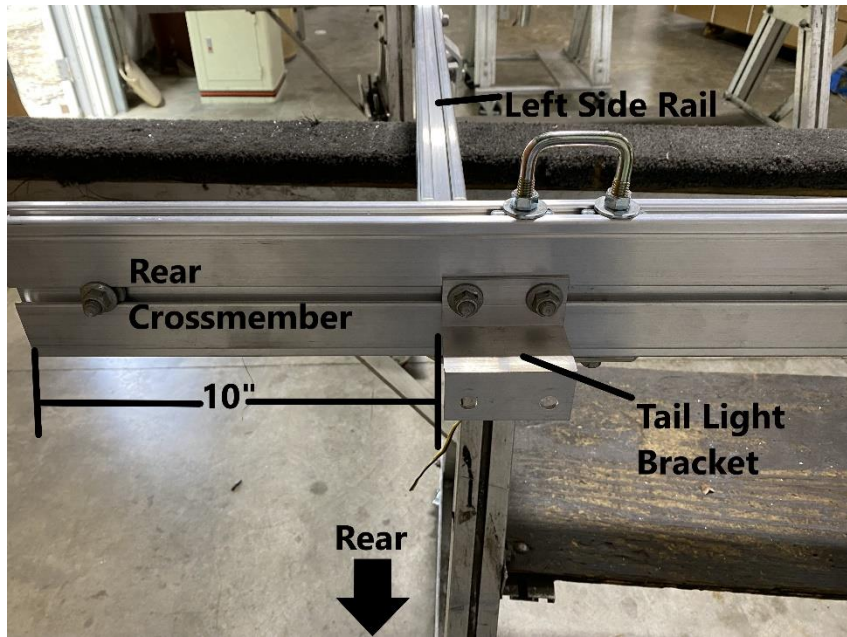


(2) Tail Light Brackets

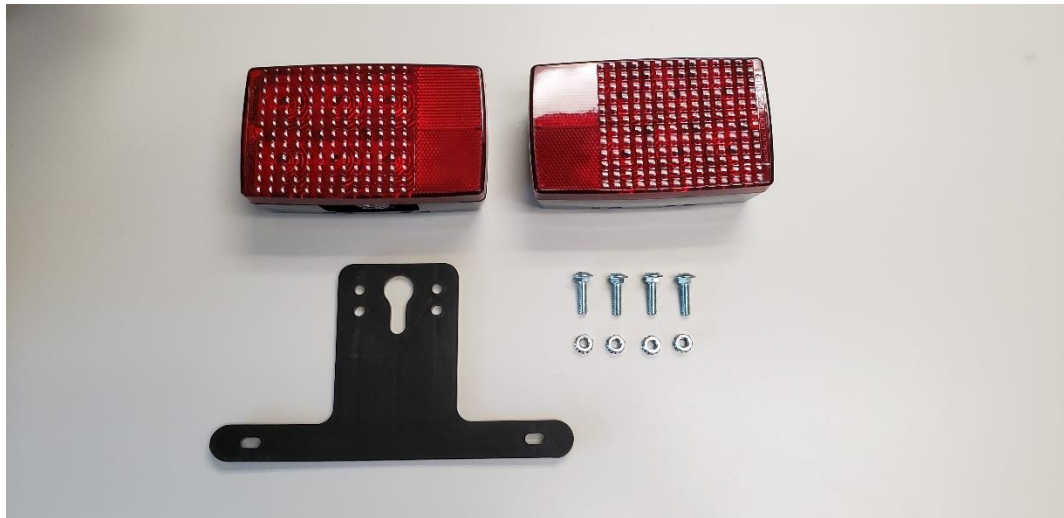
Locate (2) tail light brackets.



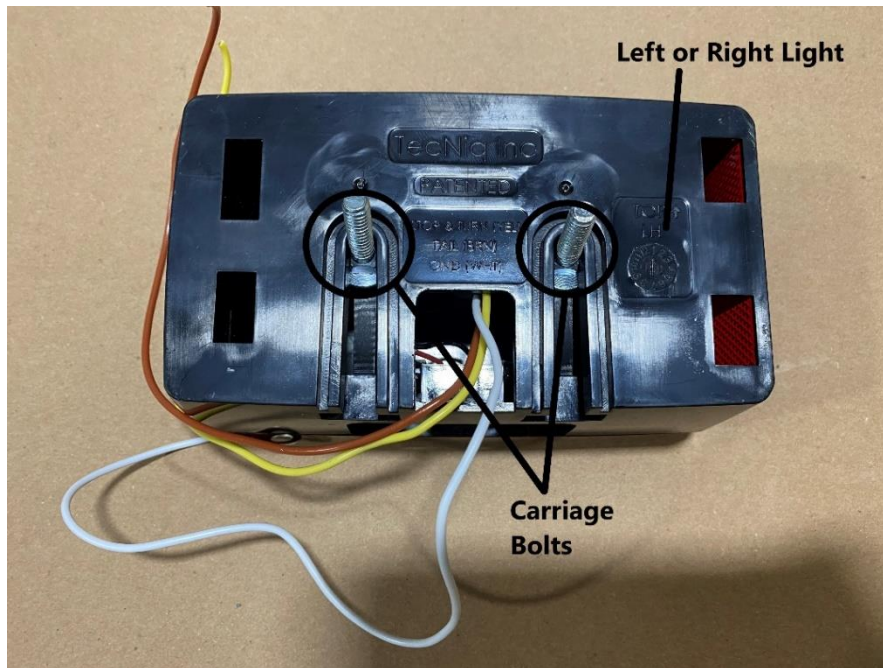
Move to the rear of the trailer. Locate the (2) locknuts shown on the rear crossmember. Remove the (2) locknuts using a 9/16" wrench.



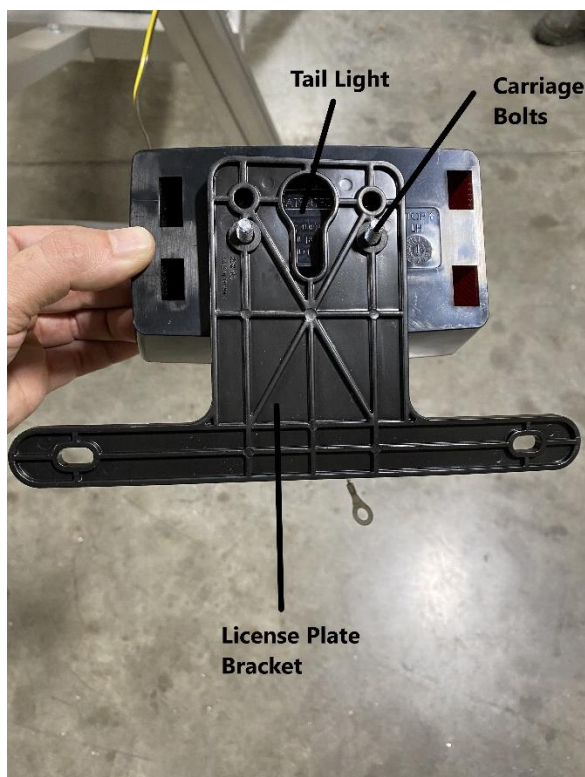
Install the tail light bracket to the rear crossmember as shown. Measure 10" from the end of the rear crossmember to the tail light bracket. Note that (1) T-bolt and (1) locknut should be left unused at the end of the rear crossmember. Replace the (2) locknuts and tighten using a 9/16" wrench. Repeat this process for the other side to install both tail light brackets.



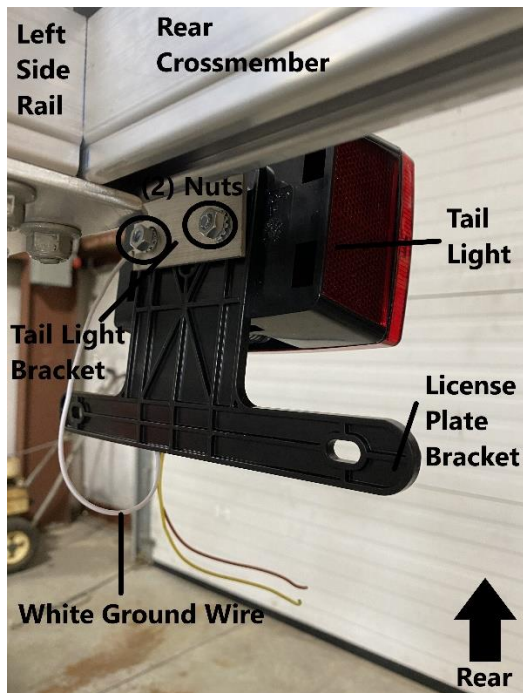
Locate (2) tail lights, (1) license plate bracket, (4) carriage bolts and (4) nuts. These will be inside the LED Light Kit.



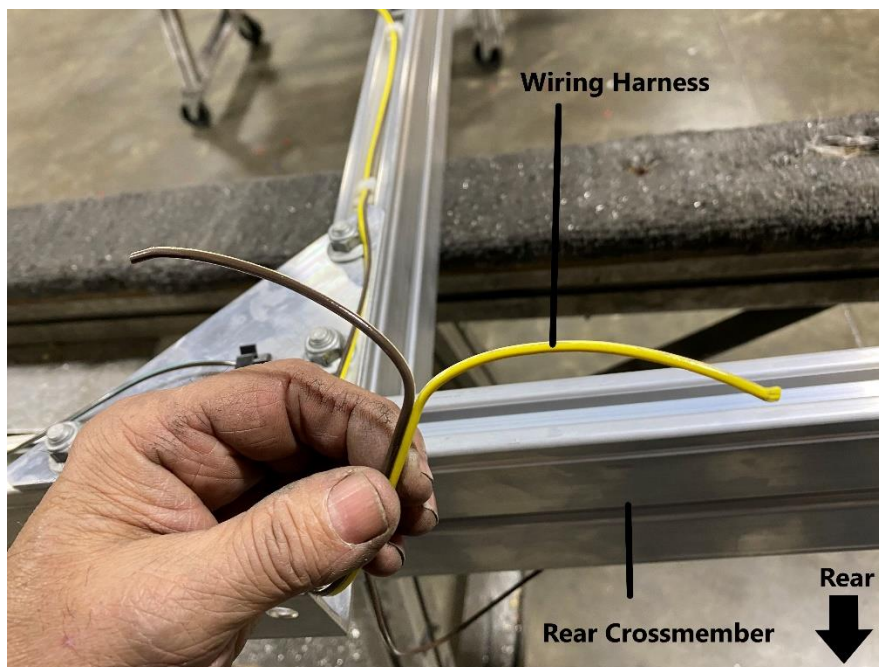
Place the (2) Carriage bolts into the grooves in the tail lights as shown. Note that the back of tail light shows if the light is the left/driver side (LH) or the right/passenger side (RH). It will also show which end is the top of the tail light.



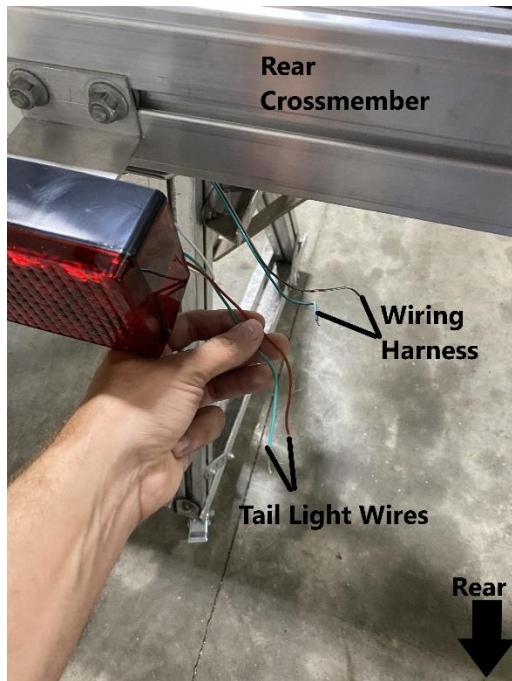
Install the license plate bracket to the tail light as shown. Place the two bottom holes of the license plate bracket on the two carriage bolts installed on the tail light.



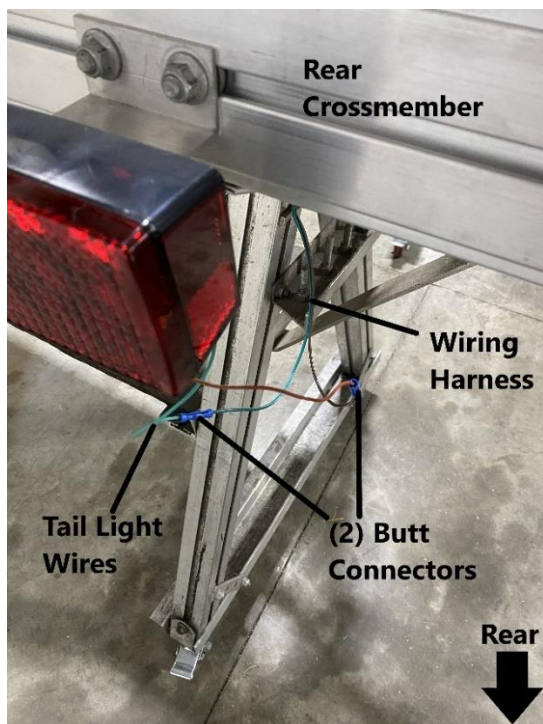
Install the tail light to the tail light bracket as shown. Install the white ground wire of the tail light to the carriage bolt. Install nuts and tighten using 9/16" wrench. Repeat this process on the other side of the trailer to install both tail lights.



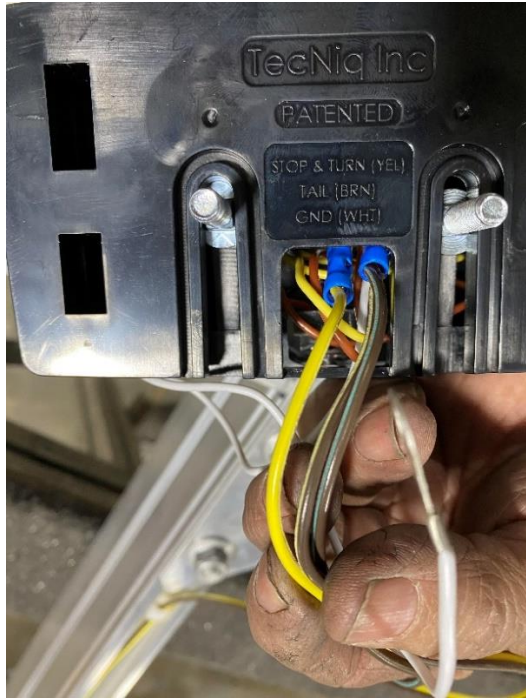
Locate the end of the wiring harness that is hanging underneath the left side rail. Use a utility knife to split the two wires of the wiring harness. Repeat this process for the other side.



Use a pair of wire cutters to strip the ends of the (2) tail light wires and (2) harness wires. Repeat this process for the other side.



Use (2) butt connectors to connect the tail light to the wiring harness. Match the colors of the wires (green to green, yellow to yellow, brown to brown). Connect the wires with the (2) butt connectors and crimp both ends of the (2) butt connectors. Repeat this process for the other side.



Excess wire can be placed inside the tail light.

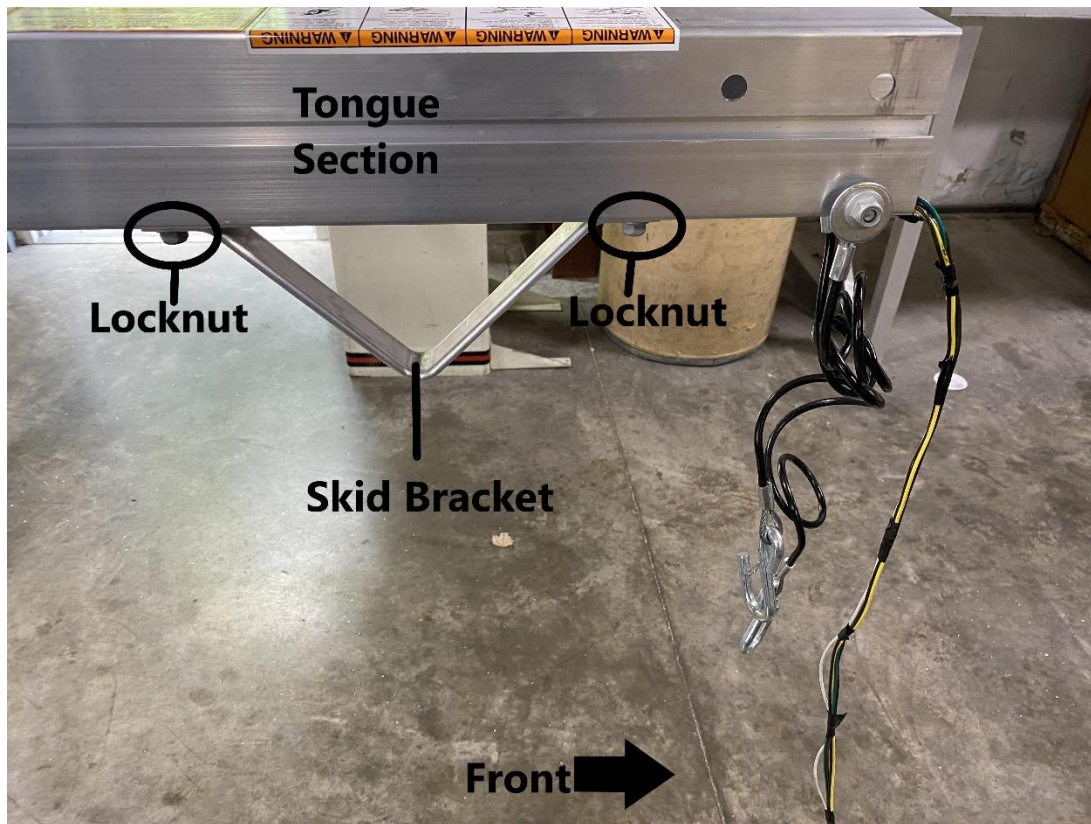


At this point the trailer will look like this.

Skid and Coupler Installation



Locate the skid bracket.



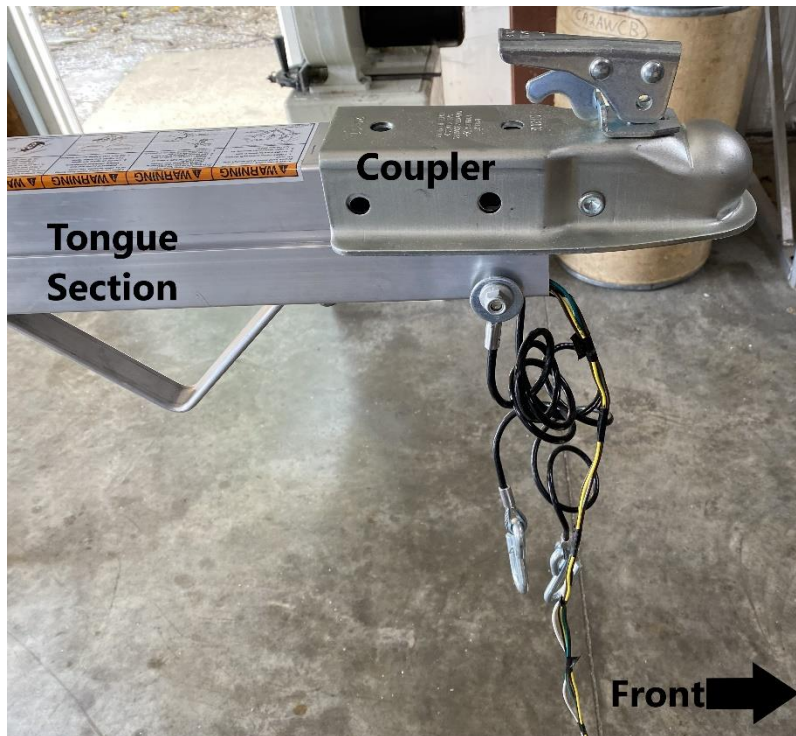
Install the skid bracket into the bottom groove of the tongue section. Tighten the (2) locknuts using a 9/16" wrench.



Locate the coupler.



Remove the (2) bolts and (2) nuts from the coupler using a $\frac{3}{4}$ " ratchet and wrench.

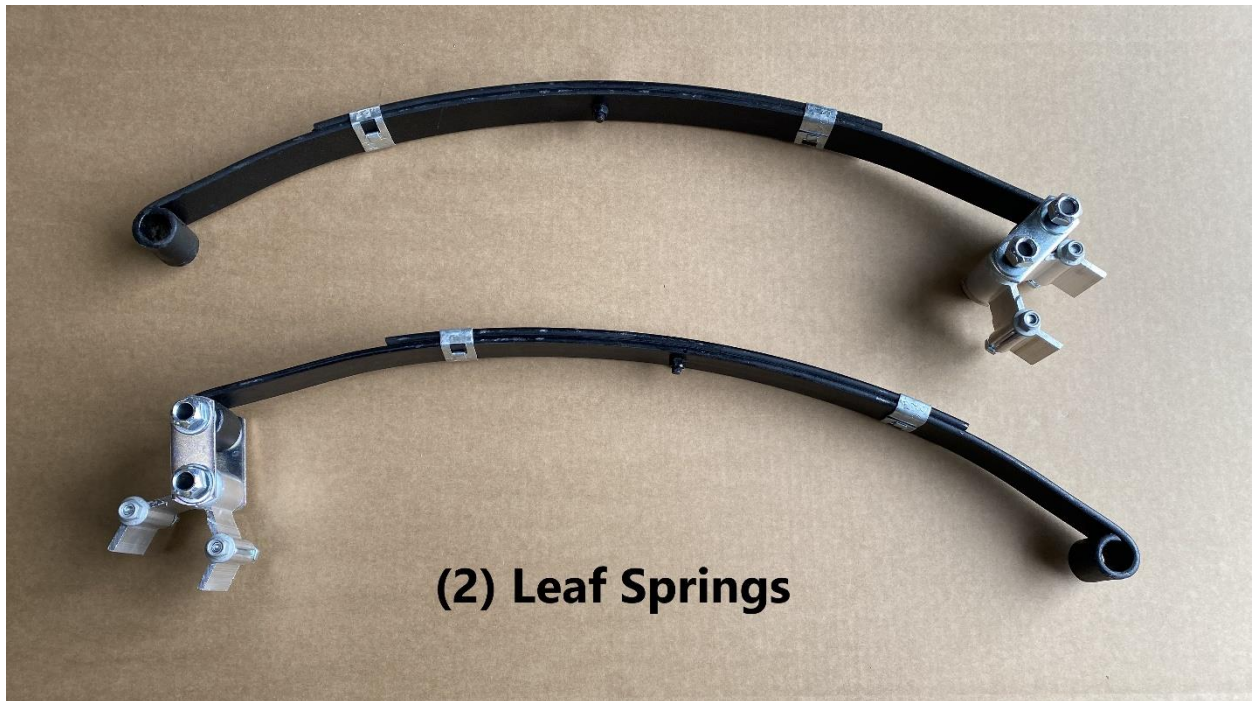


Install the coupler to the tongue section. Lineup the holes of the coupler to match the holes of the tongue section.

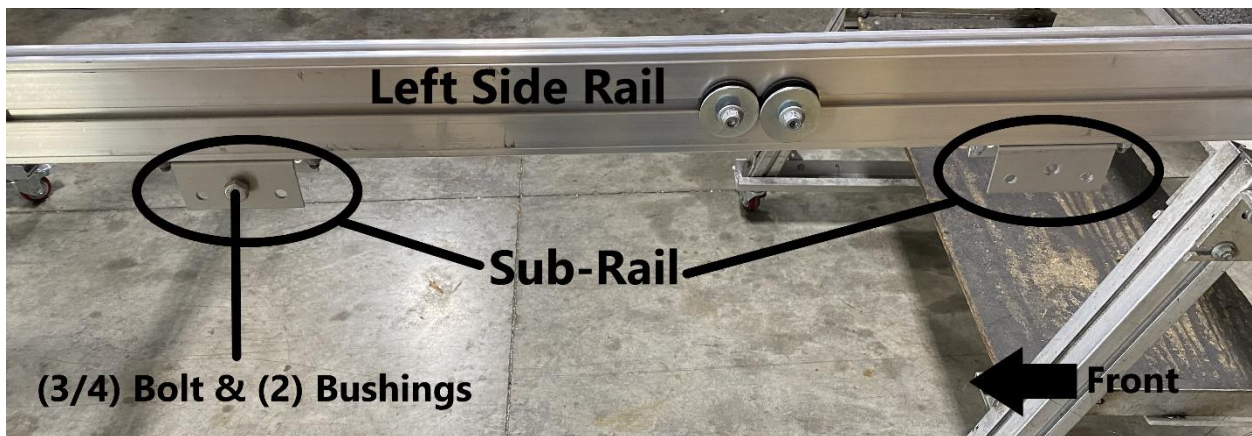


Replace the (2) bolts and (2) nuts and tighten using a $\frac{3}{4}$ " ratchet and wrench.

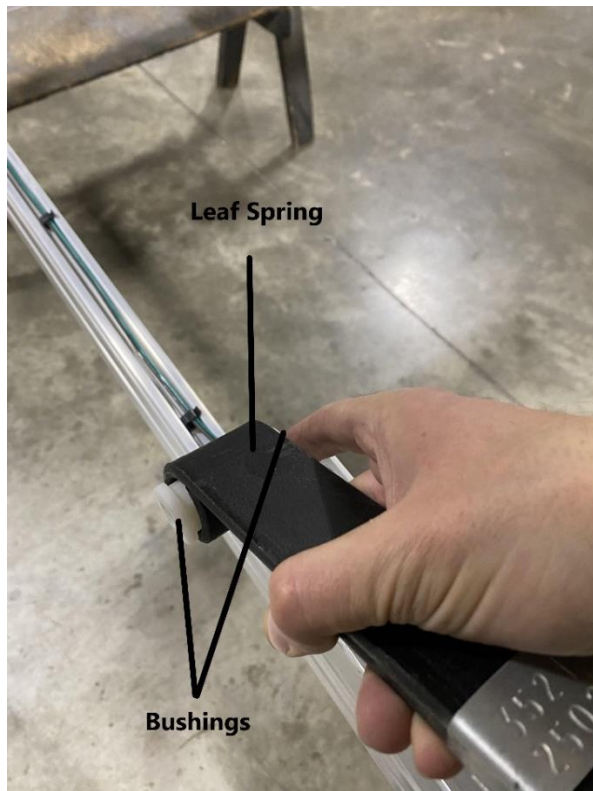
Leaf Spring and Axle Installation



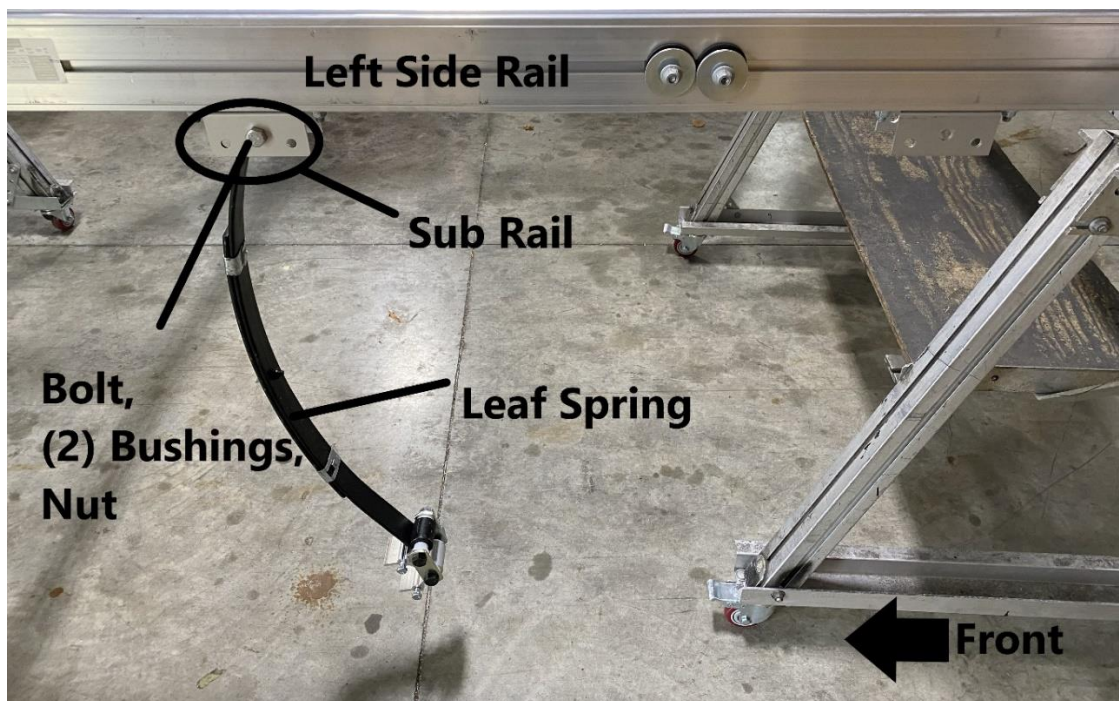
Locate the (2) leaf spring assemblies.



Locate the (2) sub-rails installed on the left side rail. Use a $\frac{3}{4}$ " ratchet and wrench to remove the bolt and (2) bushings.



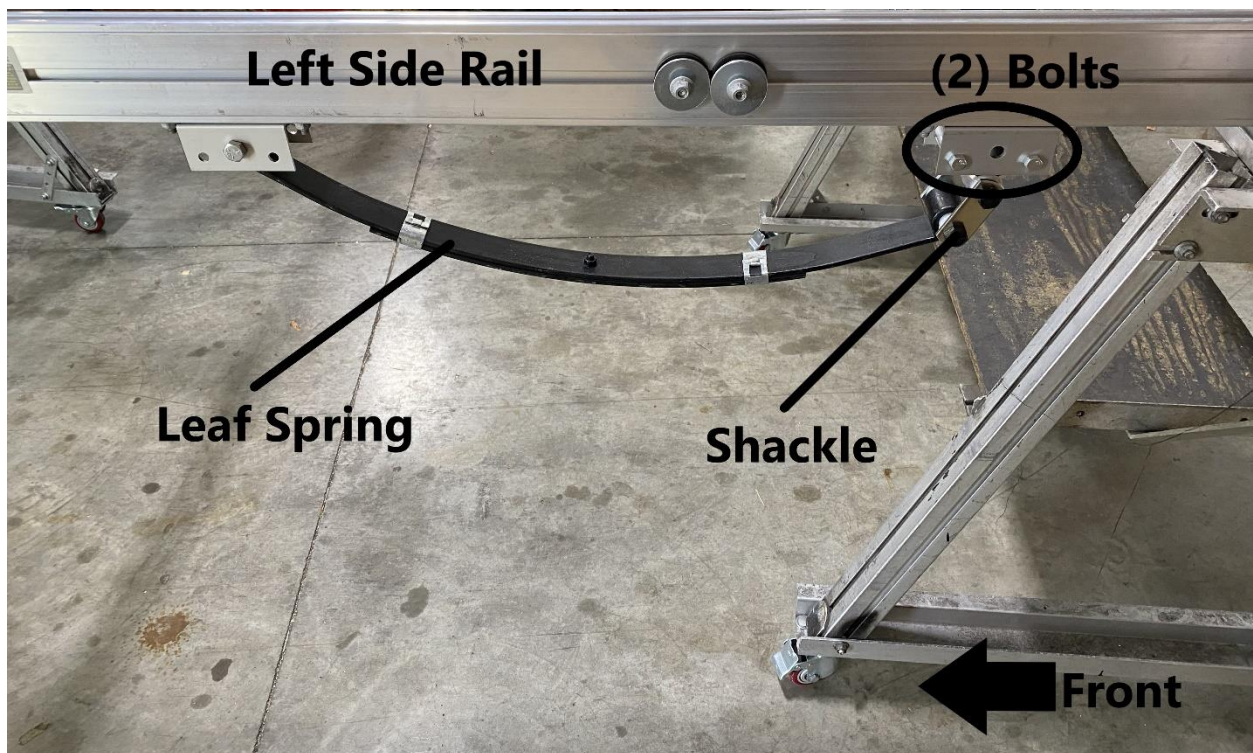
Insert the (2) nylon bushings into the leaf spring.



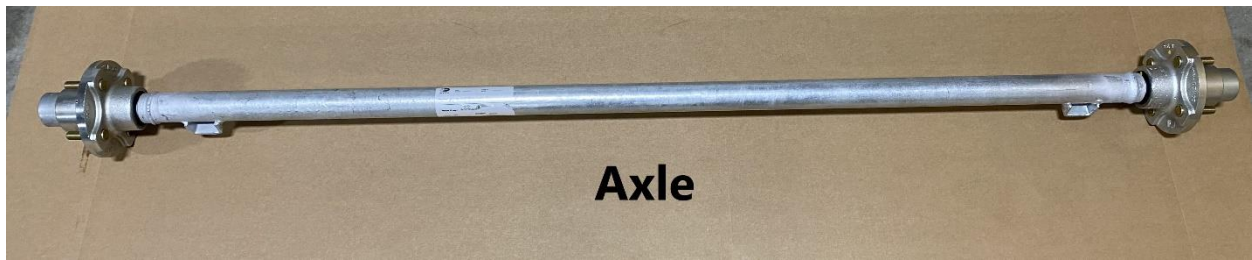
Install the leaf spring to the sub rail as shown. With the (2) bushings in the leaf spring, replace the $\frac{3}{4}$ " bolt through the sub rail, (2) bushings, and leaf spring. Replace the nut but do not tighten yet.



Remove the (2) bolts from the shackle installed on the leaf spring using a 9/16" ratchet and wrench.



Install the shackle of the leaf spring into the sub rail as shown. Replace the (2) bolts. Replace the nuts but do not tighten yet. Repeat this process to install a second leaf spring on the left side rail.



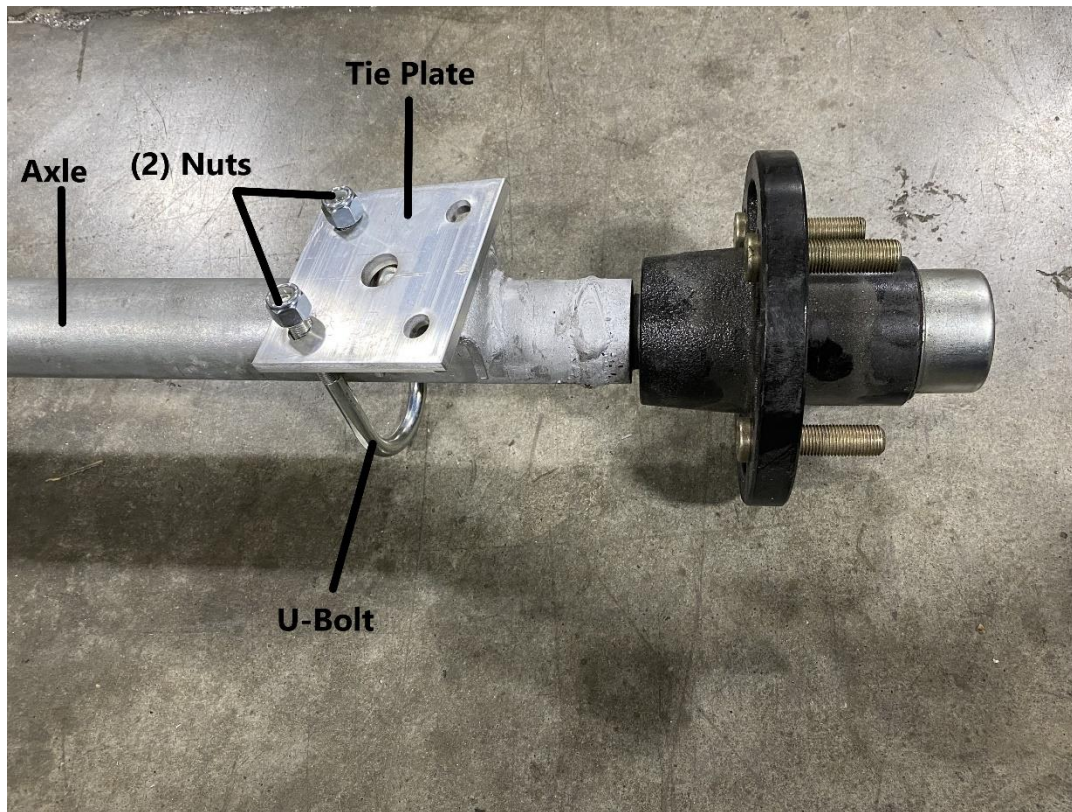
Axle

Locate the axle.

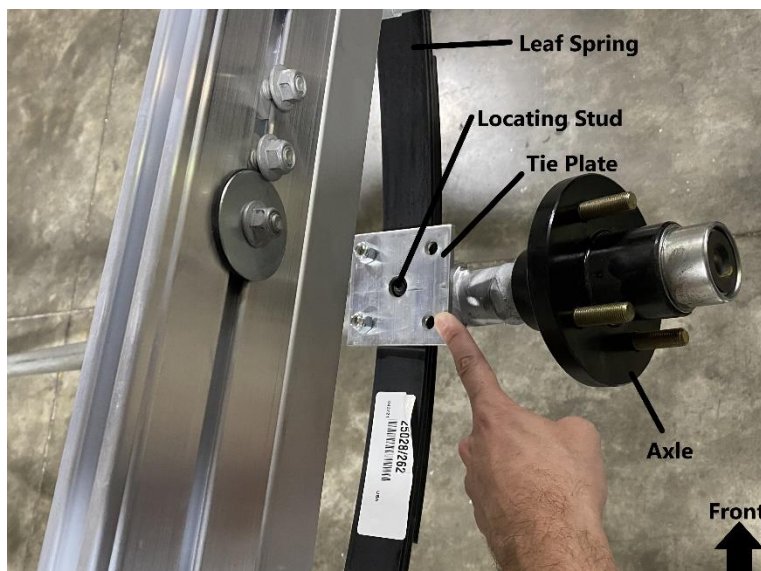


U-Bolt Kit

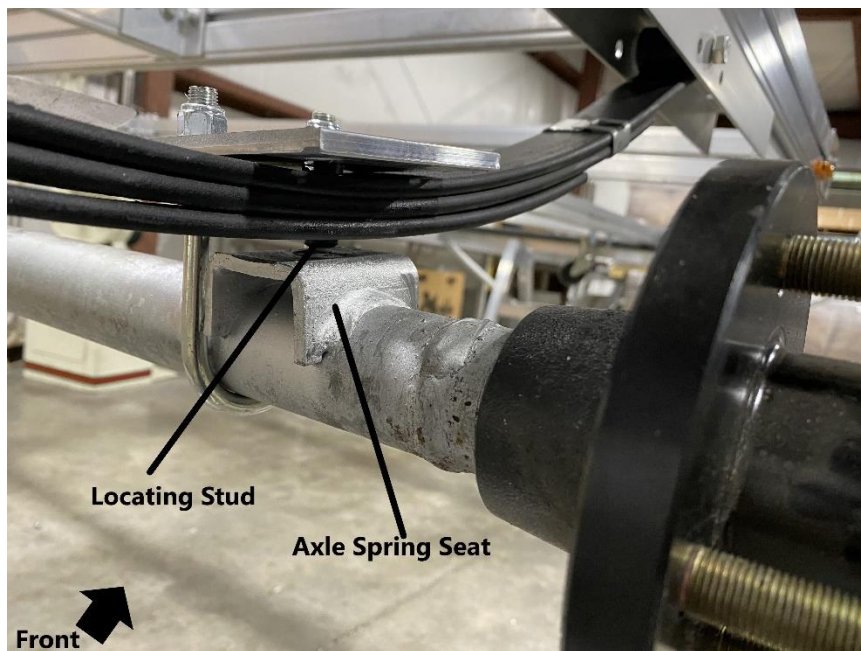
Locate the U-Bolt Kit.



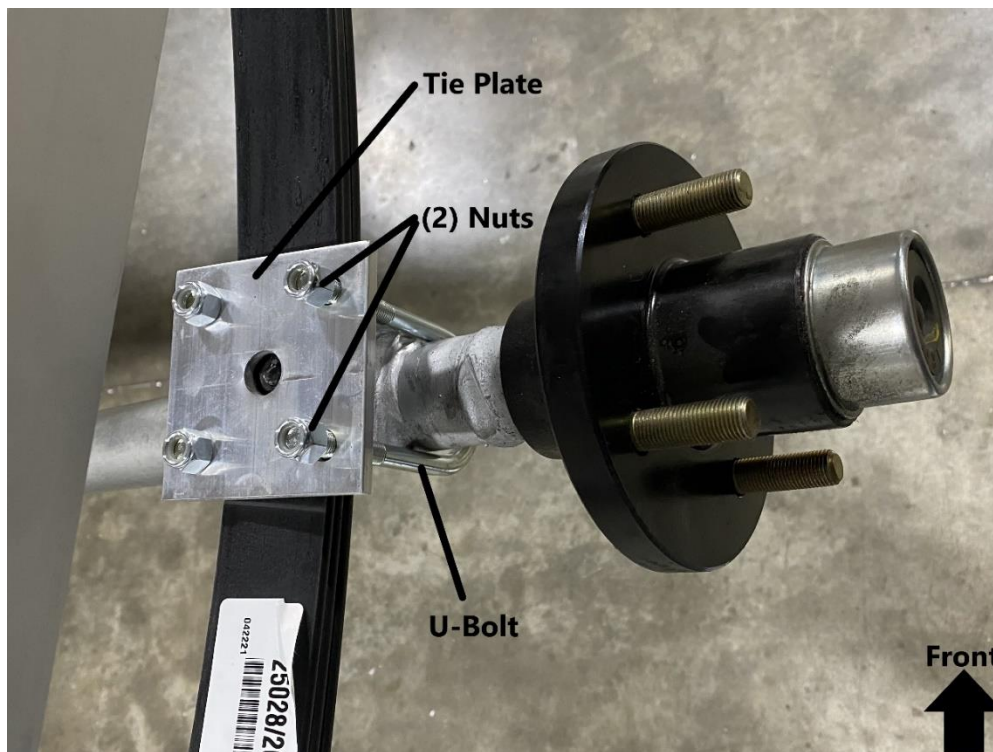
Install the Tie Plate and U-Bolt to the axle as shown. Replace the nuts but do not tighten yet.



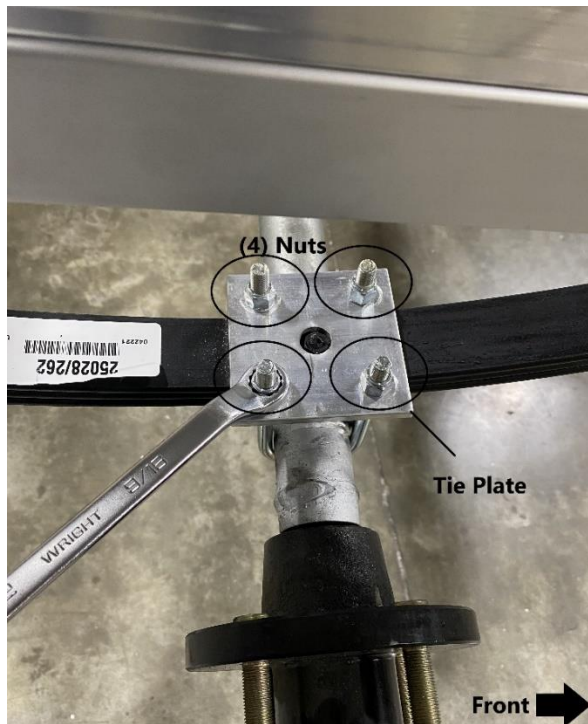
Install the axle to the leaf spring as shown. Slide the tie plate over the leaf spring until the center hole of the tie plate lines up with the locating stud of the leaf spring.



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



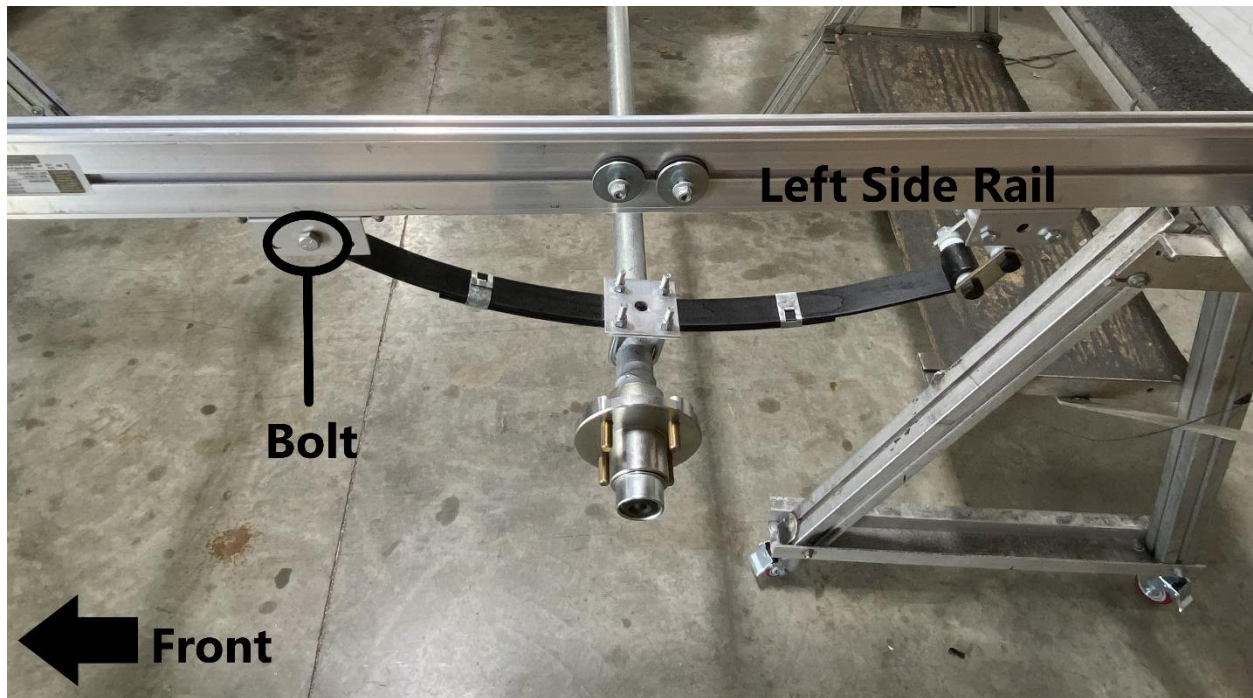
Install the second U-Bolt to the tie plate as shown. Replace the (2) nuts but do not tighten yet. Repeat this process to mount the axle to the leaf spring on the other side of the trailer.



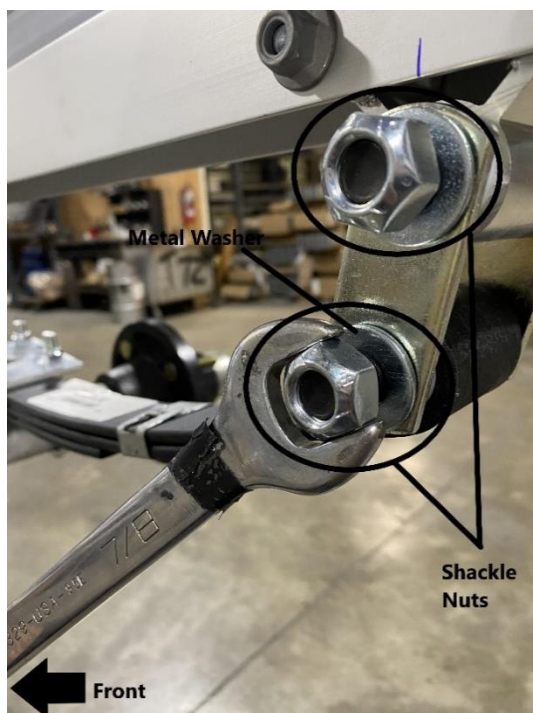
Use a cross pattern to tighten the (4) nuts using a 9/16" wrench. Repeat this process for the other side.



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 bolt shown using a $\frac{3}{4}$ " ratchet and wrench. Repeat this process for the other side.

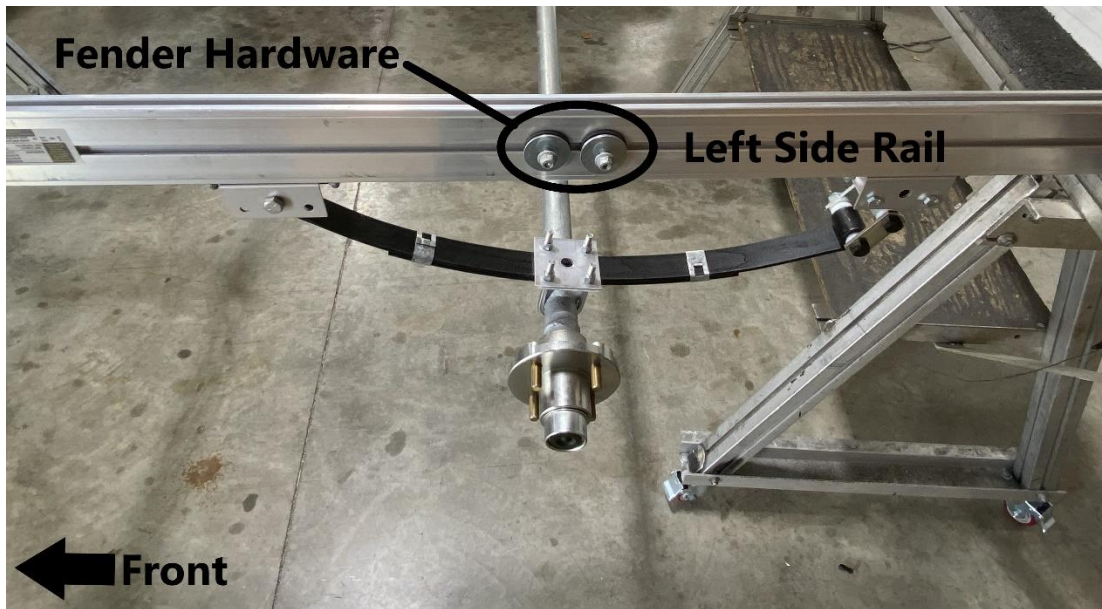


Tighten the rear shackle nuts with $\frac{7}{8}$ " ratchet and wrench. Tighten the nuts until the metal washers can no longer move. However, do not over tighten as this will not allow the suspension to move properly. Repeat this process for the other side.

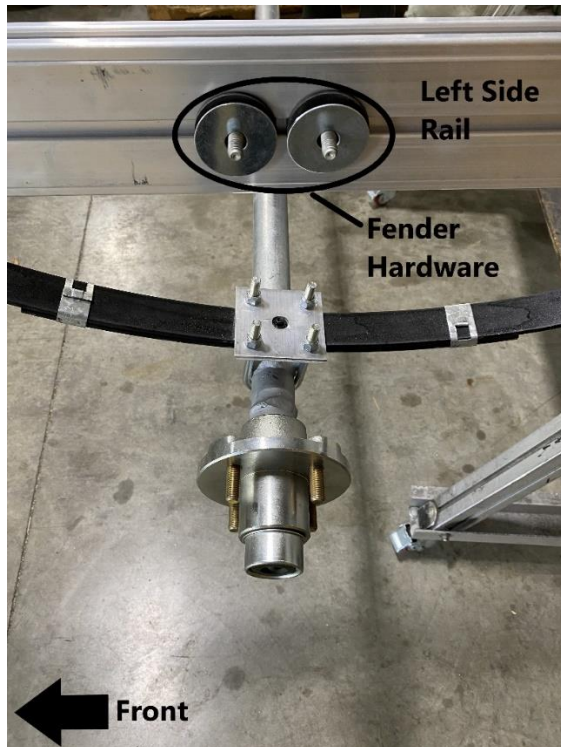
Fender and Tire Installation



Locate the (2) fenders.



Locate the fender hardware that was installed earlier in the left side rail.



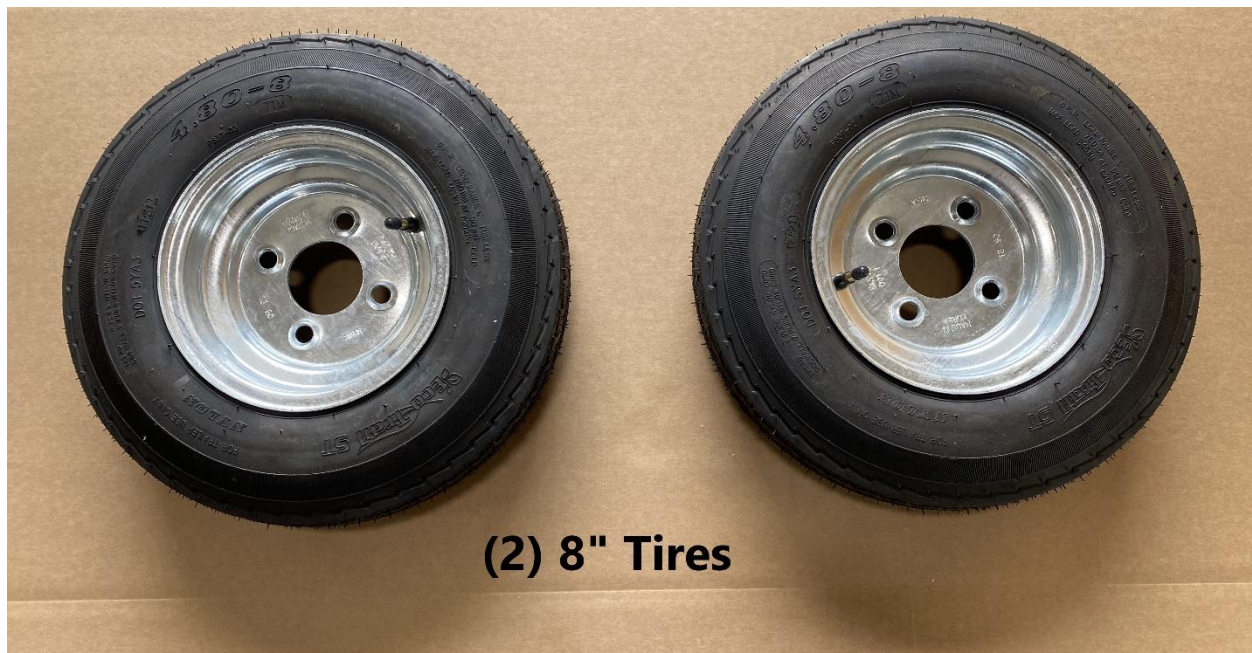
Remove the (2) locknuts of the fender hardware using a 9/16" wrench. Also remove a total of (2) metal washers, (1) from each T-bolt.



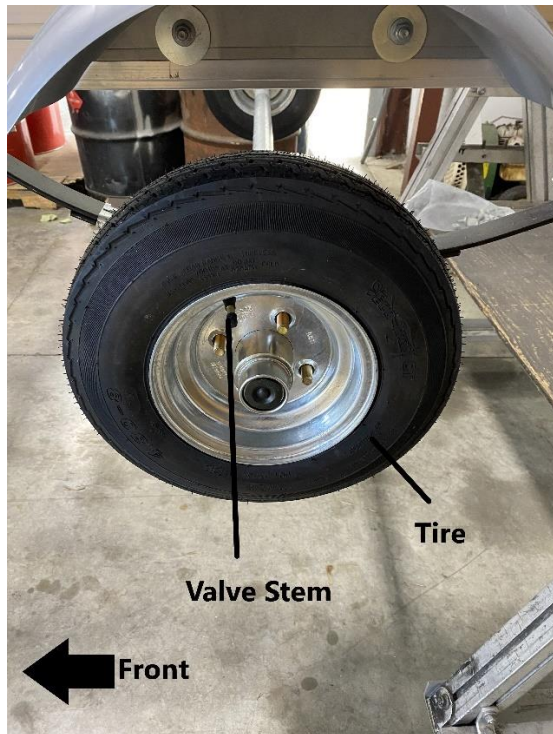
Install the fender to the (2) T-bolts as shown. Line-up the center of the fender with the axle.



Replace the (2) metal washers and (2) locknuts and tighten using a 9/16" wrench. Repeat this process for the other side to install both fenders.



Locate the (2) 8" tires.



Install the wheels with the valve stems facing out.



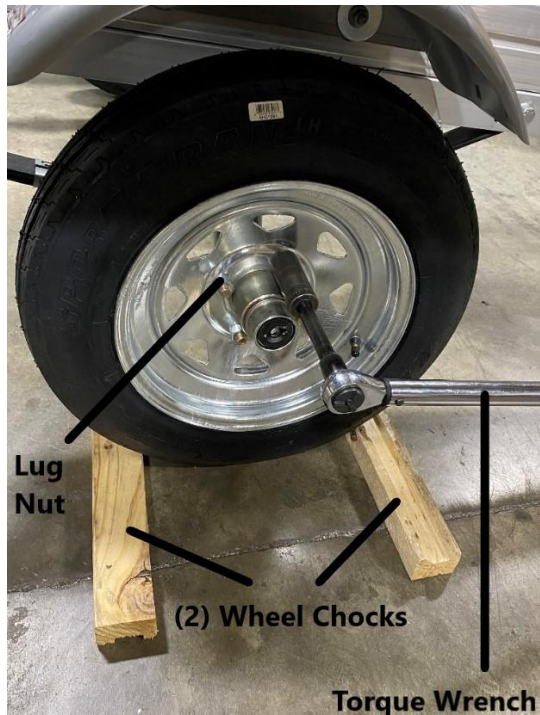
Locate the (8) lug nuts found in the U-Bolt kit.



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

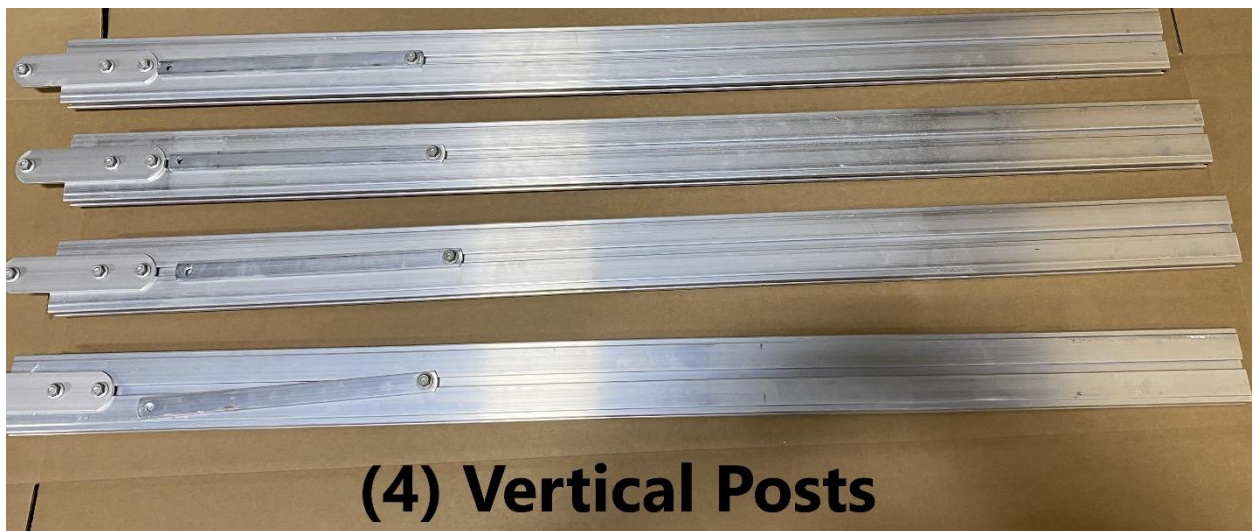


Remove the trailer from the saw horses. At least two people will be necessary.



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.

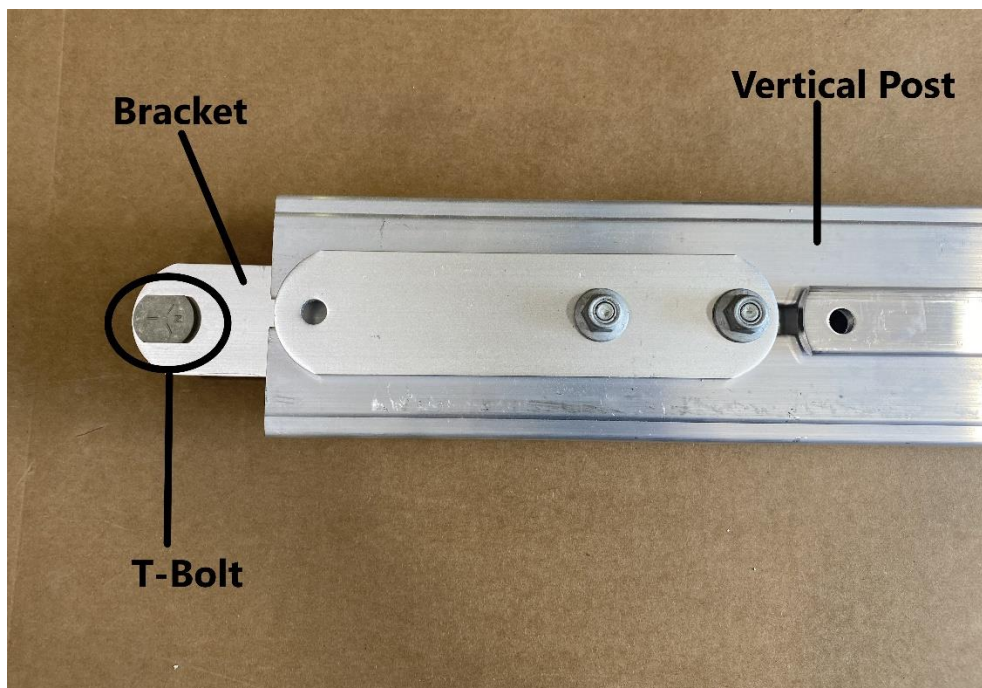
Post Installation



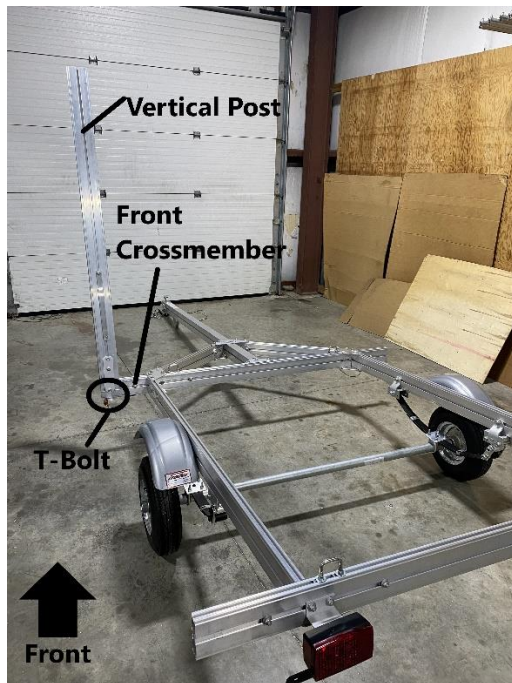
Locate the (4) vertical posts.



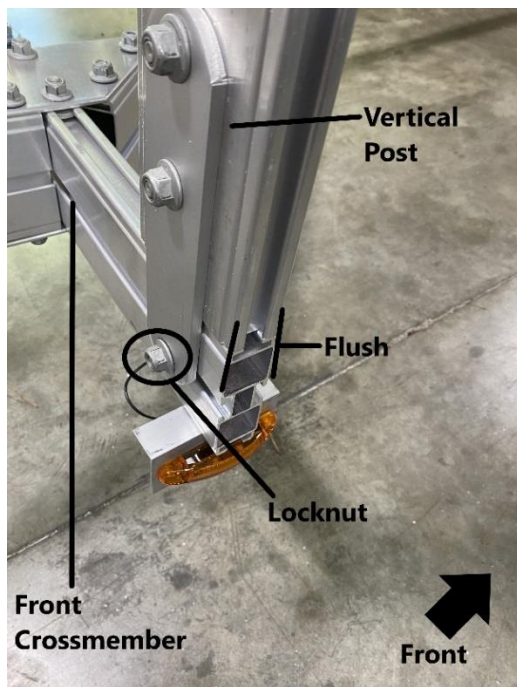
Note the (3) markings on the vertical post. These will be on only one side of the vertical post. The (3) markings will be used to line up the (4) arms and (2) roller arms.



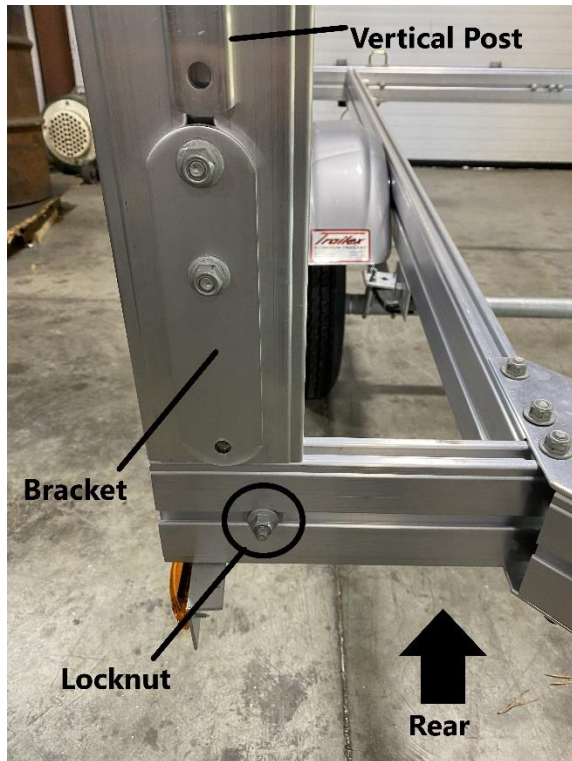
Note the bracket installed on the vertical post. The T-bolt installed on the bracket will be used to install the vertical post to the front and rear crossmembers.



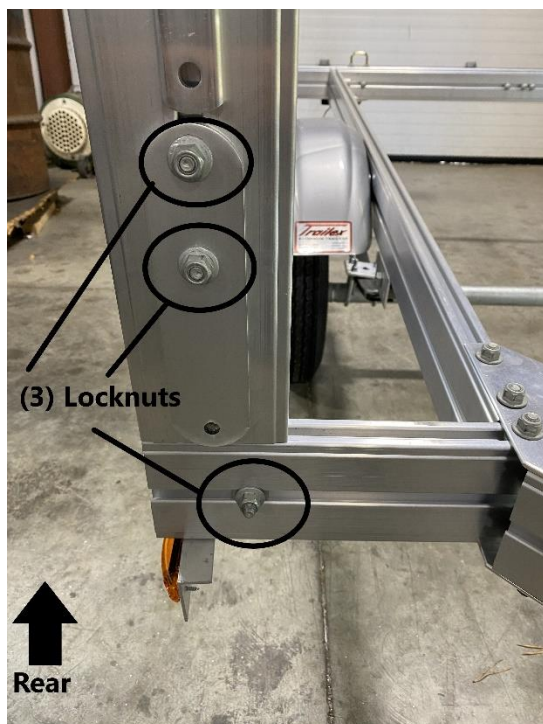
Install the vertical post to the front crossmember as shown. Install the T-bolt on the vertical post bracket to the side groove of the front crossmember. Note that the (3) markings pictured earlier will face towards the inside of the trailer.



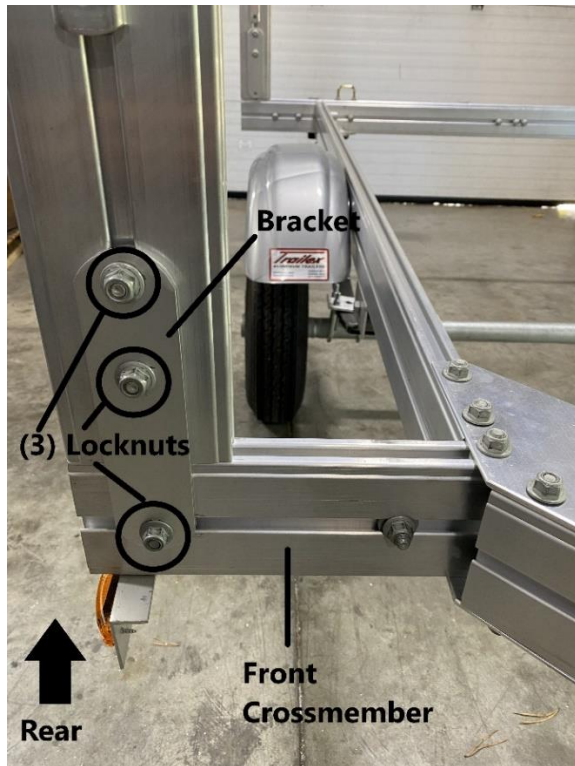
The vertical post will sit flush with the end of the front crossmember. Tighten the locknut shown using a 9/16" wrench.



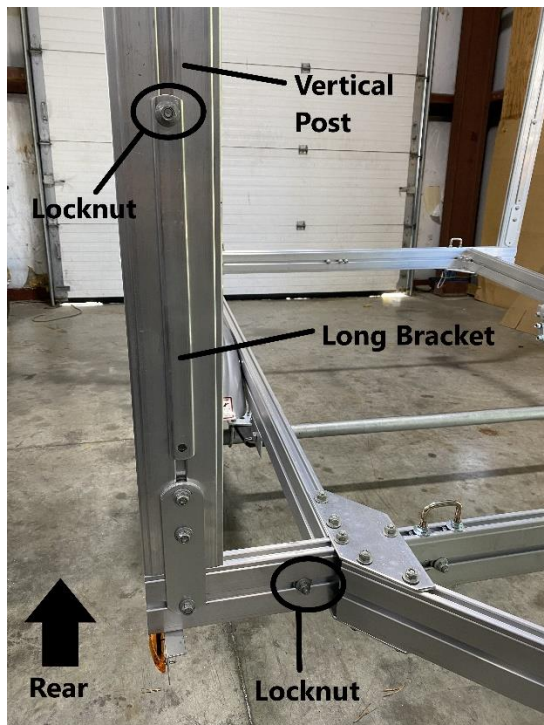
Locate the bracket and locknut shown on the opposite side of the vertical post.



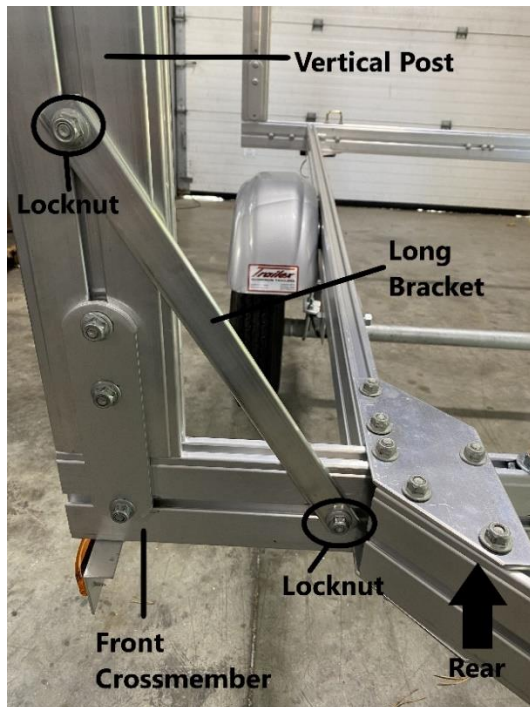
Remove the (3) locknuts shown using a 9/16" wrench. Note that loosening the (2) top locknuts will cause the bracket to slide down.



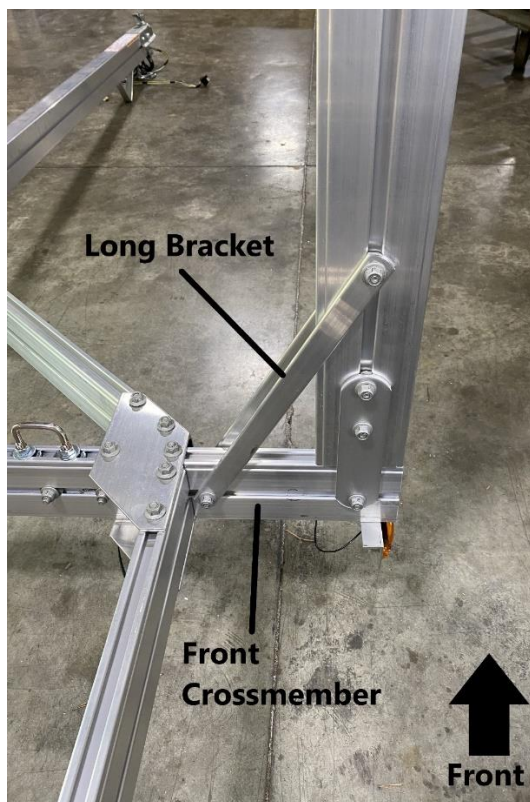
Install the bracket to the front crossmember as shown. Replace the (3) locknuts and tighten using a 9/16" wrench.



Locate the long bracket installed on the vertical post. Remove the (2) locknuts shown using a 9/16" wrench. Note that loosening the top locknut will cause the bracket to slide down.



Install the long bracket to front crossmember as shown. Replace (2) locknuts and tighten using a 9/16" wrench.



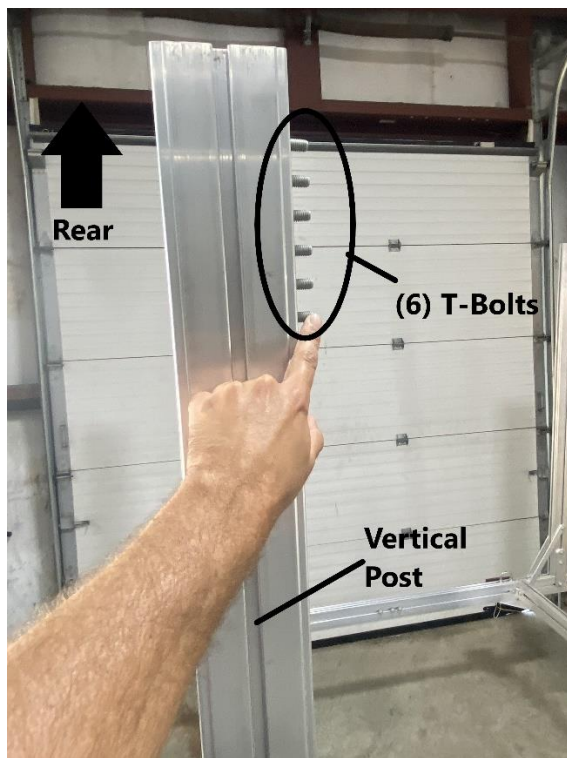
Repeat this process to install a second long bracket to the front crossmember.



Repeat this process to install all (4) posts to the front and rear crossmembers, making sure that all the markings are facing towards the inside of the trailer. At this point the trailer will look like this.



Locate the hardware bag.



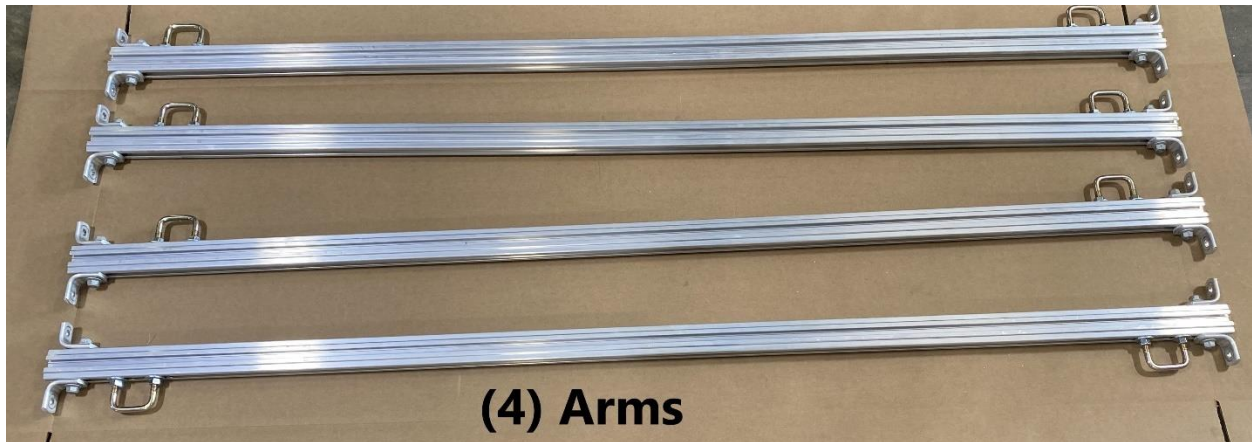
Using the T-bolts from the hardware bag, install (6) T-bolts into the inside groove of the vertical post. This will be the groove that is facing towards the inside of the trailer. Repeat this process so all (4) vertical posts have (6) T-bolts installed.



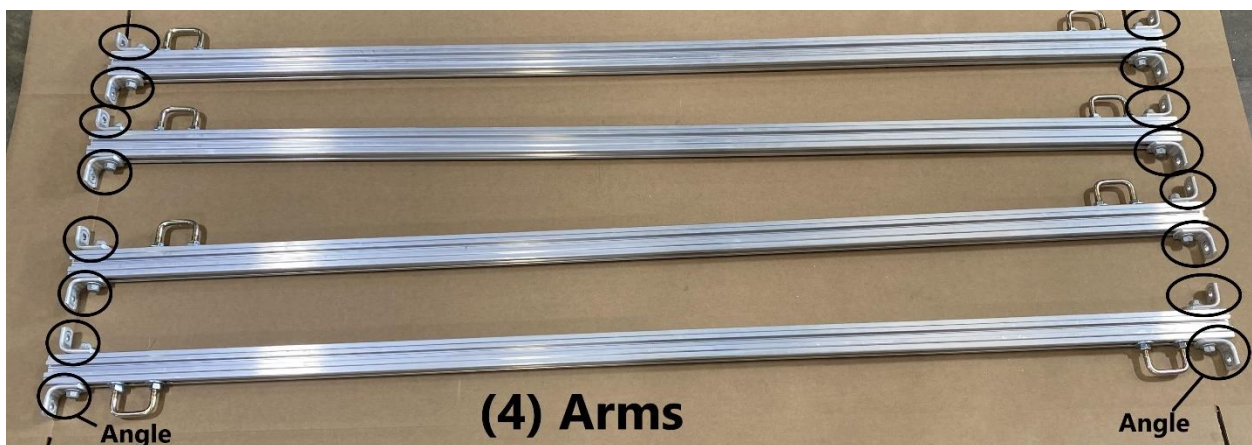
Locate the (2) roller arms.



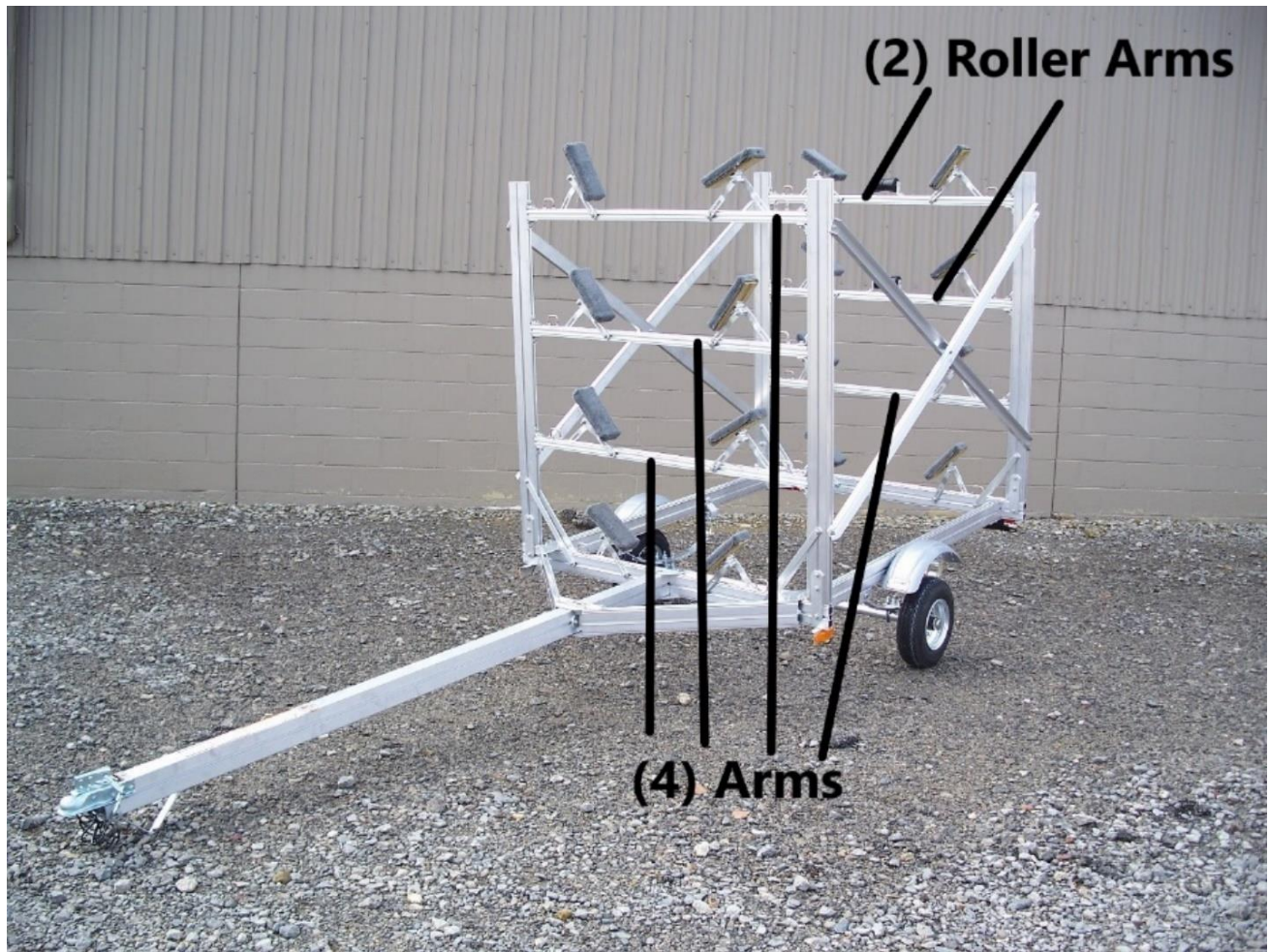
Locate the (8) angles in the above picture. In order to install the roller arms to the trailer, the angles will need to be loosened. Loosen the (8) locknuts on the (8) angles shown using a 9/16" wrench. Do not remove the locknut. The (8) angles should be able to move in the groove of the roller arms.



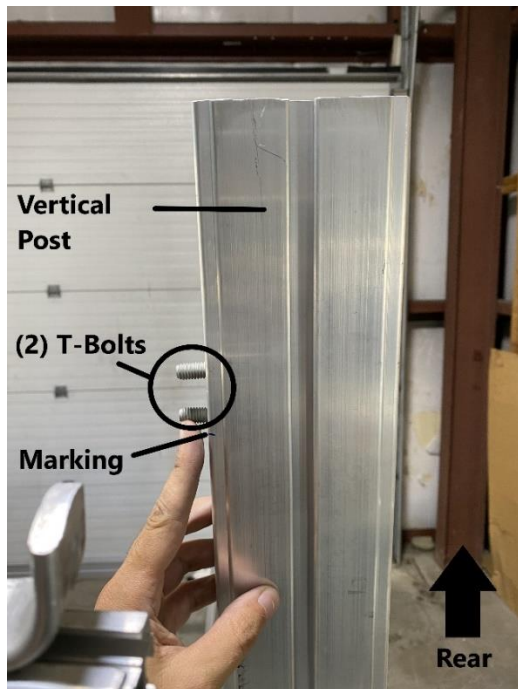
Locate the (4) arms.



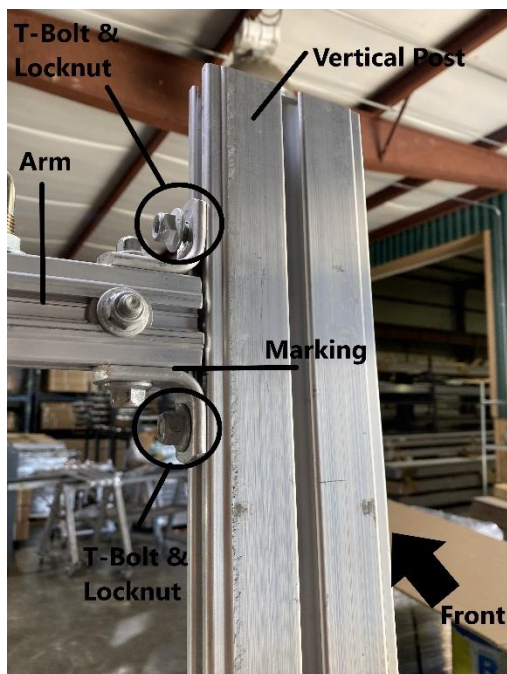
Locate the (16) angles in the above picture. In order to install the arms to the trailer, the angles will need to be loosened. Loosen the (16) locknuts on the (16) angles shown using a 9/16" wrench. Do not remove the locknut. The (16) angles should be able to move in the groove of the arms.



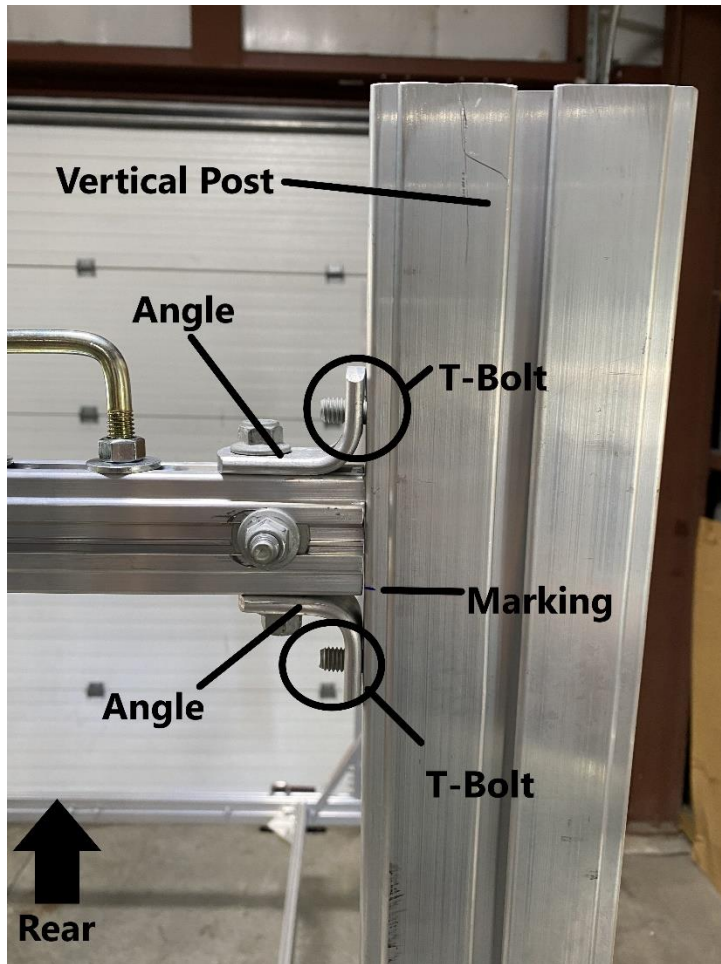
Note the location of the (4) arms and the (2) roller arms in the above picture.



Two people will be necessary to install the arms to the trailer. Two ladders will also be necessary. Follow all ladder safety procedures when installing the arms. Beginning at the top of the vertical post, locate the top marking. This will be used to line-up the arms. Slide (2) T-bolts up the groove of the vertical post.



Install the (2) angles of the arm to the (2) T-bolts installed in the inside of groove of the vertical post. Install (2) locknuts from the hardware bag onto the (2) T-bolts as shown. Do not tighten the locknuts until both sides of the arm are in the correct position.



Repeat this process for the other side of the arm. Slide the (2) T-bolts up the groove of the vertical post and install them into the (2) angles installed on the arms. Install (2) locknuts from the hardware bag onto the (2) T-bolts. Once the markings the (2) vertical posts are lined up with the arm, tighten all the locknuts (2 on each angle) using a 9/16" wrench.



At this point the trailer will look like this.



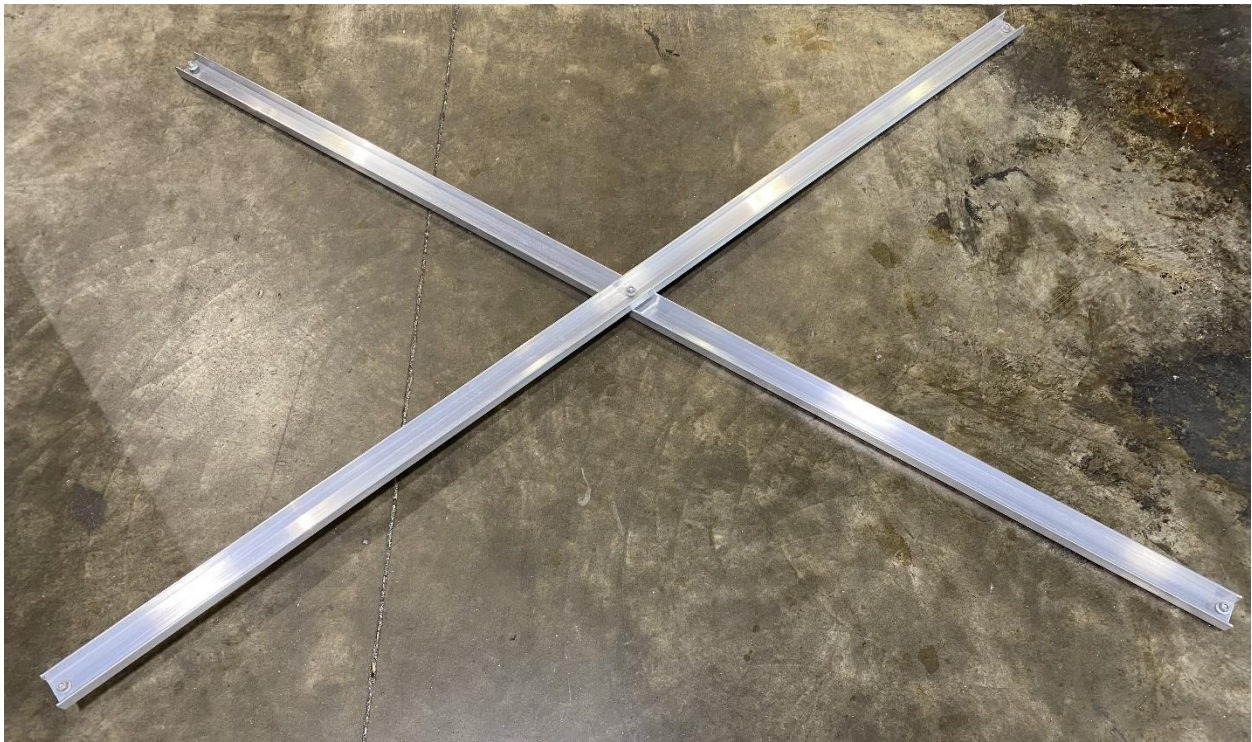
Repeat this process to install (2) more arms. Note that the middle arm will need to be installed before the bottom arm.



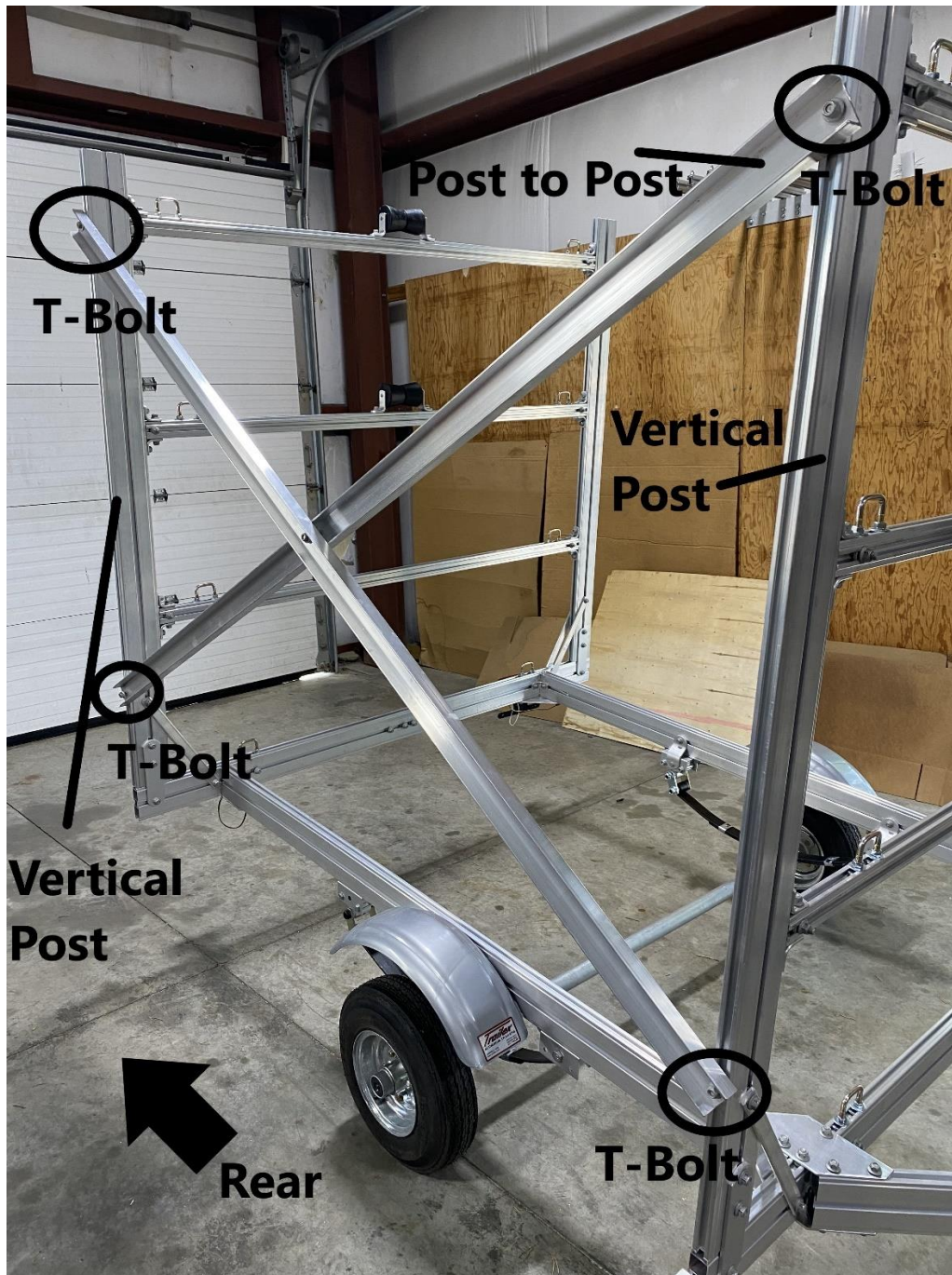
Repeat this process to install the remaining (3) arms at the rear of the trailer. Note that the top and middle arms are the roller arms. Also note that the arms will be installed top to bottom.



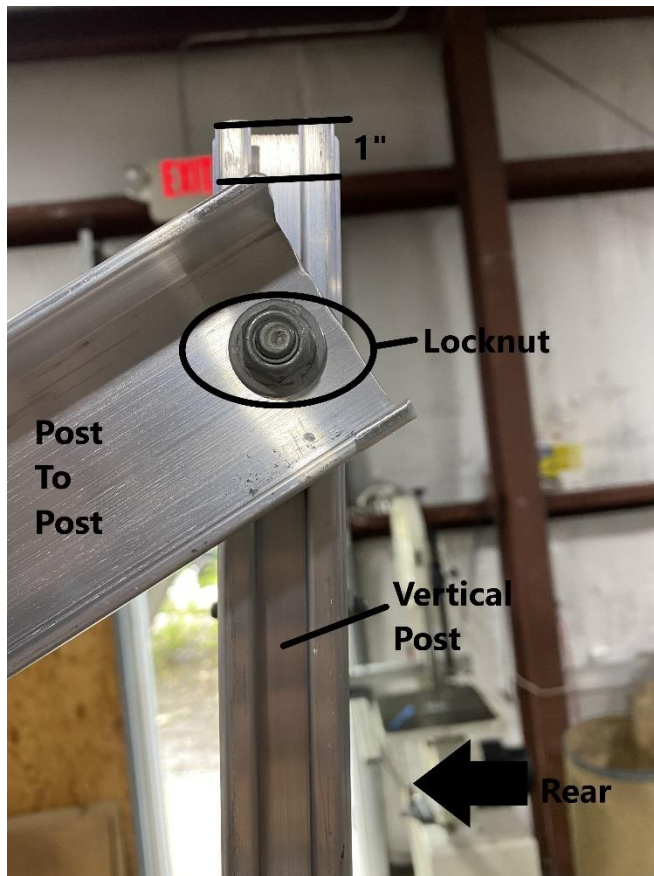
Locate the (2) Post To Post assemblies.



Extend the Post To Post as shown.



Two people will be necessary to install the Post To Post to the trailer. Two ladders will also be necessary. Follow all ladder safety procedures when installing the post to post. The Post To Post will have (4) T-bolts and (4) locknuts installed on the four ends of the Post To Post. (2) T-bolts will be installed in each vertical post. Starting at the top of the vertical posts, slide the bottom (2) T-bolts into the grooves of the vertical posts. Once the (2) bottom T-bolts are installed, continue sliding the Post To Post down to install the remaining (2) top T-bolts.



Leave a 1" gap from the top of the vertical post to the top of the post to post. Tighten all (4) locknuts on the post to post using a 9/16" wrench.



Install a second Post To Post. At this point the trailer will look like this.

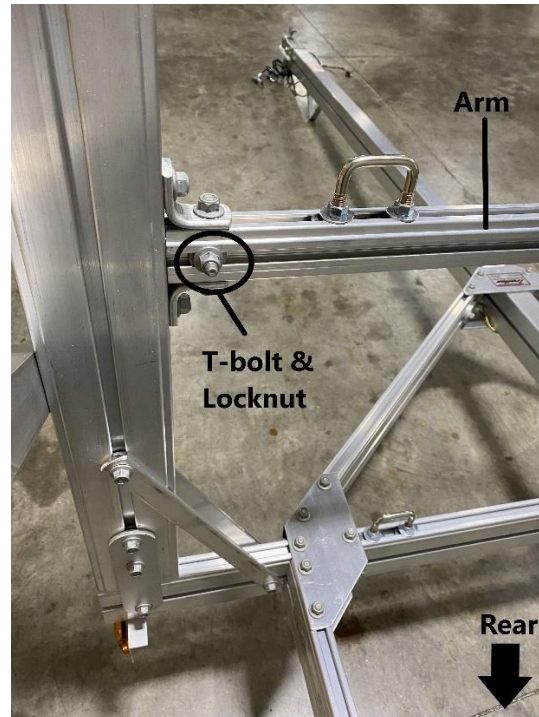
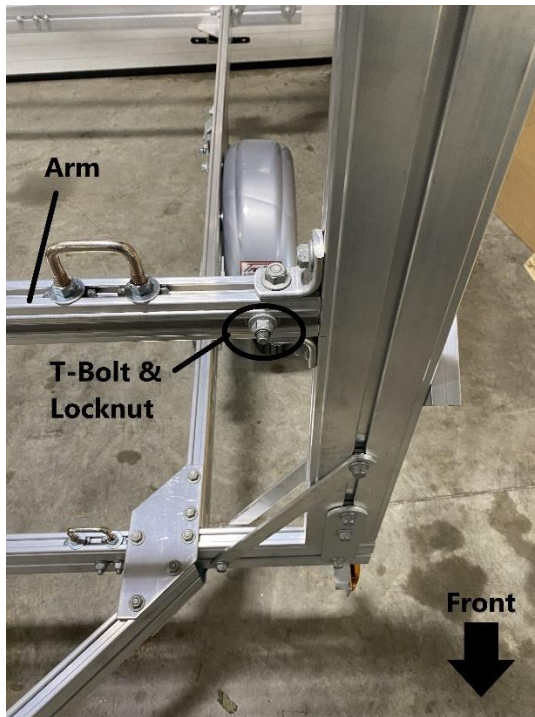


(16) Padded Cradles

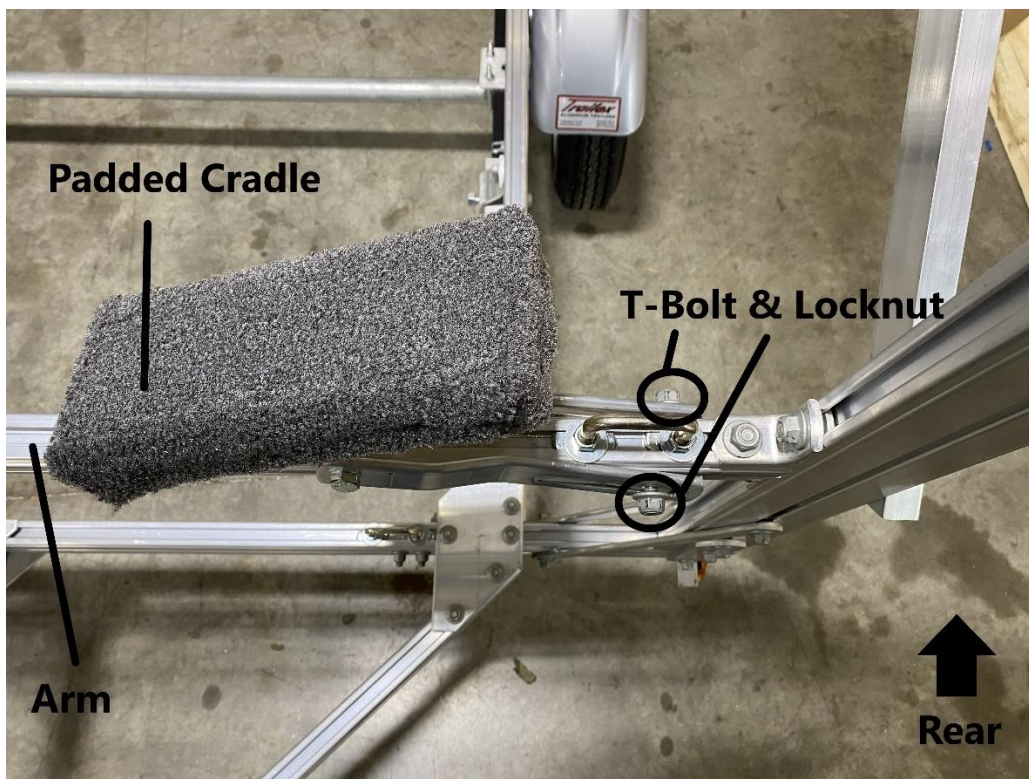
Locate the (16) padded cradles.



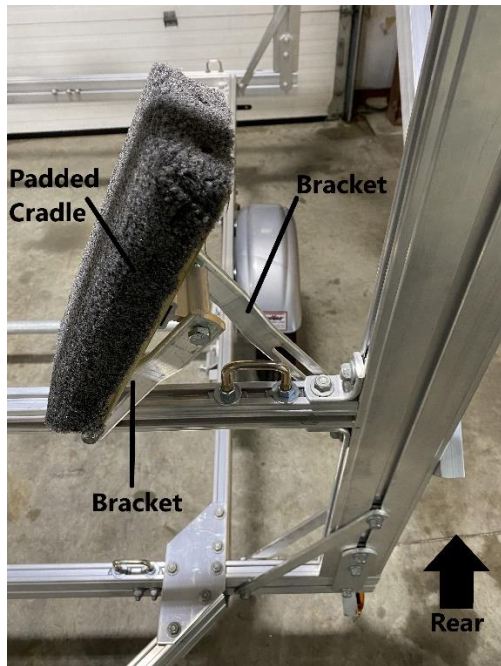
Note the position of the (16) padded cradles in the above picture. The (4) arms, (2) roller arms, front crossmember and rear crossmember will each have (2) padded cradles installed.



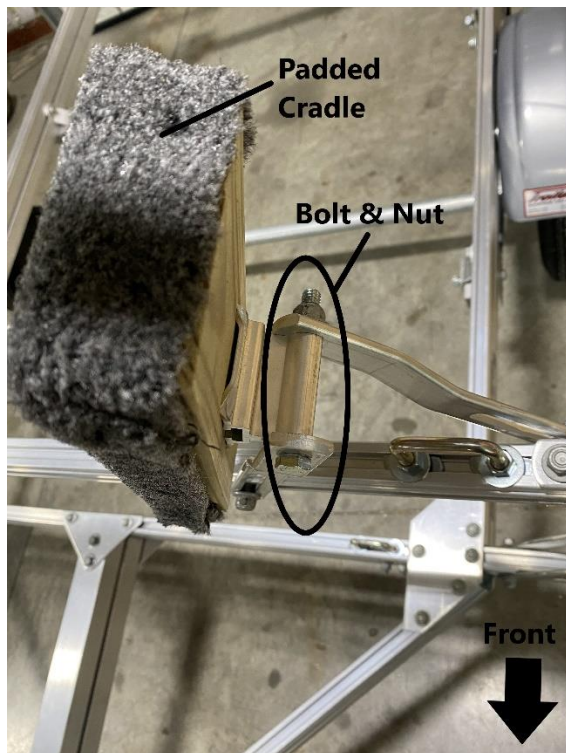
Note the same arm in the above pictures. A T-bolt and locknut will be installed on both sides of the arm. Remove both locknuts using a 9/16" wrench.



Install the padded cradle to the (2) T-bolts as shown. Replace the (2) locknuts be do not tighten yet.



Position the (2) padded cradle brackets as shown. Tighten the (2) locknuts using a 9/16" wrench. Note that the padded cradles can be adjusted later as necessary.



Position the padded cradle to the desired angle. Once the padded cradle is in position, tighten the bolt and nut shown using a 9/16" ratchet and wrench. Note that the angle of the padded cradle can be adjusted later as necessary.



Repeat this process to install all (16) padded cradles.



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.