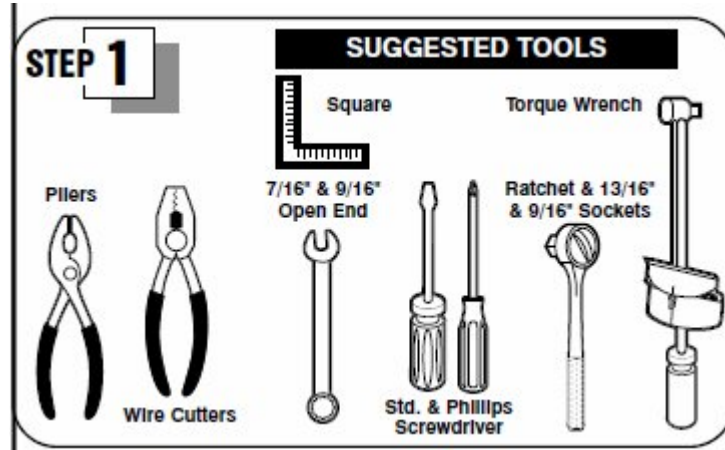


UT-1000-8-04



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.



Unwrap the frame and place on saw horses as shown.



On the side rail of the trailer locate the T-bolts and washers to mount the fenders.



Install the fender bracket over the two center T-bolts. Slide the T-bolts with washers out against the edge of the fender as shown. Once axle is installed go back and center the fender then tighten all nuts.



Front sub rail clip

Bolt hole for front of leaf spring

Install the front bolt from the leaf spring in the center hole of the sub rail clip as shown.



Bolt holes for shackle assembly

Install shackle holder assembly bolts in the two center outer holes of the rear sub rail clip.



Serial plate

Install leaf spring but don't tighten the nuts yet. Make sure the locating studs on the springs are in the holes on the axle's spring seat. Face the axle's serial plate toward the rear of the trailer to protect it from debris. Install the axle with the U-bolts and plates and tighten the nuts evenly.



Serial plate

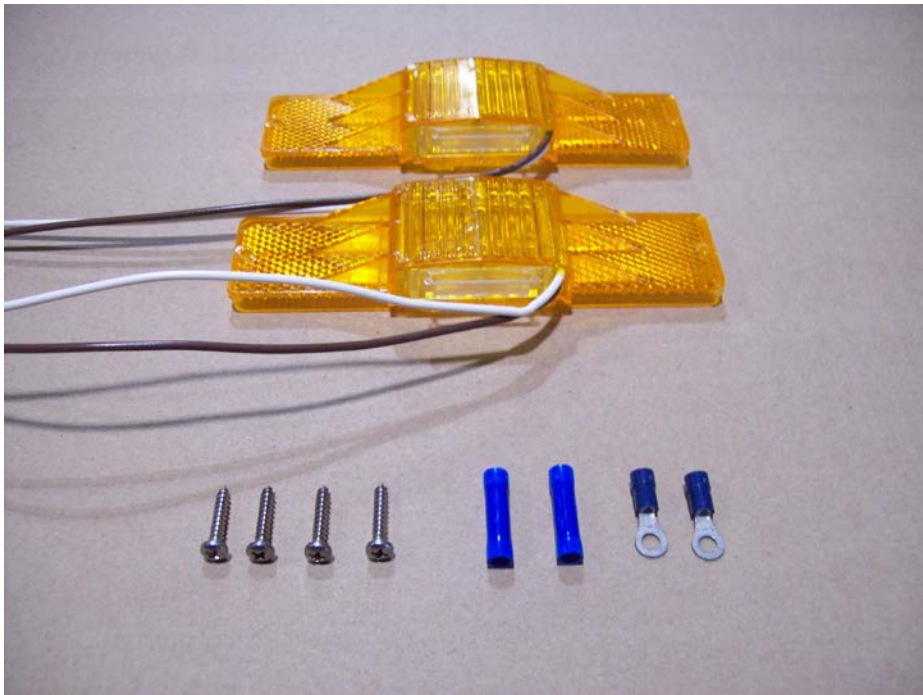
Once axle is in position go back and tighten the nuts on the leaf springs. Do not over tighten the shackle nuts as this will not allow the suspension to move properly.



Install the wheels with the valve stems facing out.



Install the lug nuts with the tapered side facing the wheel then tighten.



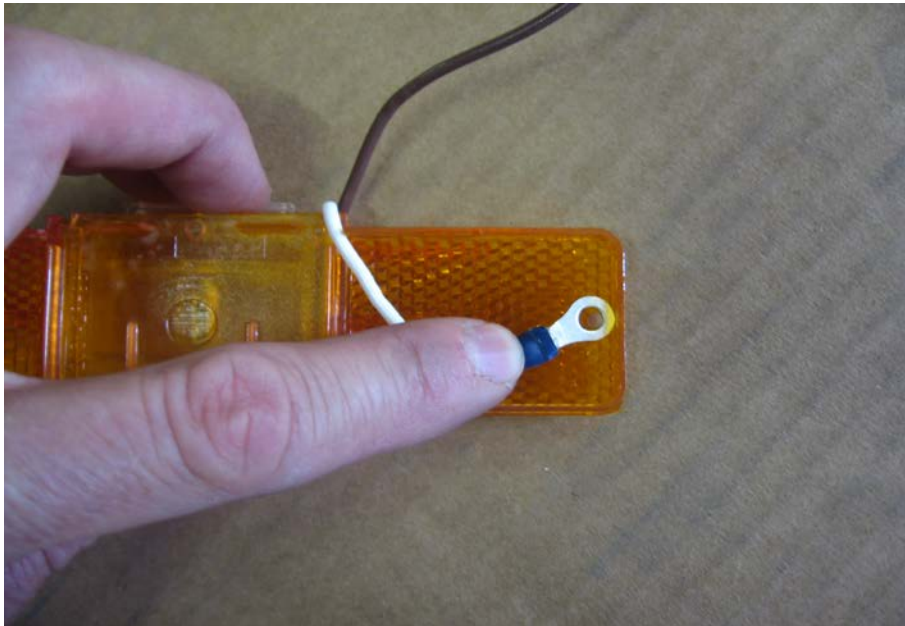
Locate the two amber running lights, four small Philips screws, two butt connectors, and two ring terminals.



Cut approximately 8 ½” off of the white wires on both running lights. Strip ¼” of insulation from the wire.



Install the ring terminals by crimping the terminal onto the bare wire.



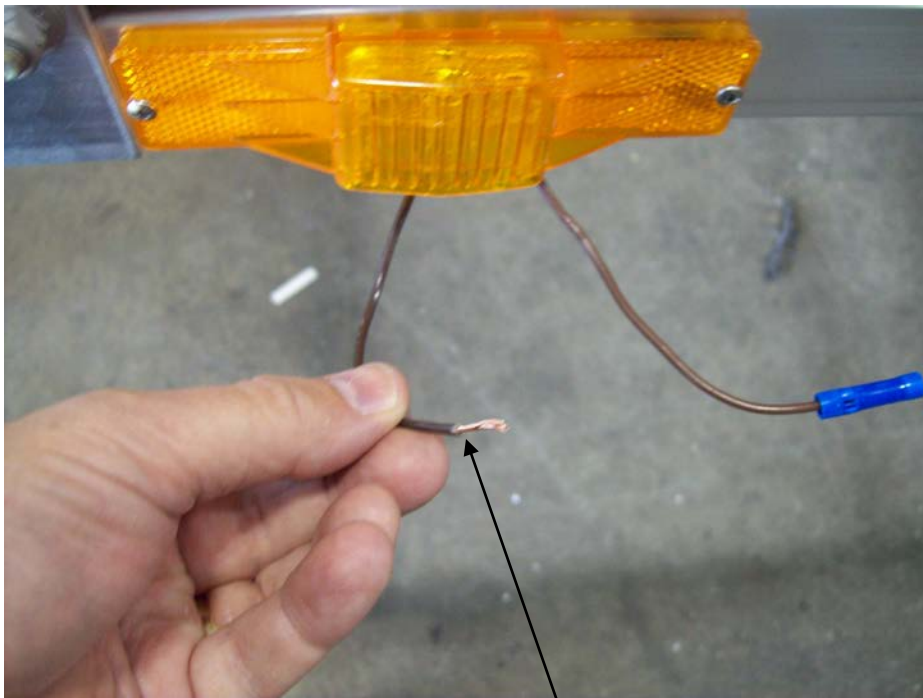
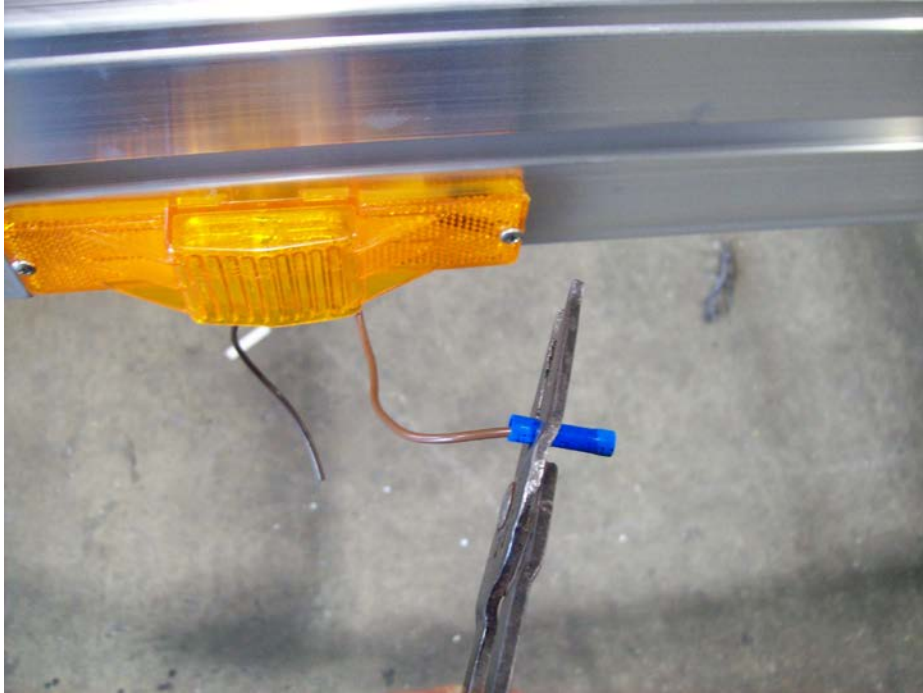
Align the ring terminals with the screw hole nearest the wire on the back of the running light. Make sure the wire is routed through the gap on the back of the light so it does not become pinched when the light is installed.



Install the running lights into the pre-drilled holes in the running light bracket using a Philips screwdriver. Be sure the screw is through the ring terminal on the back side of the lights. This will supply a ground to the lights. DO NOT OVER TIGHTEN

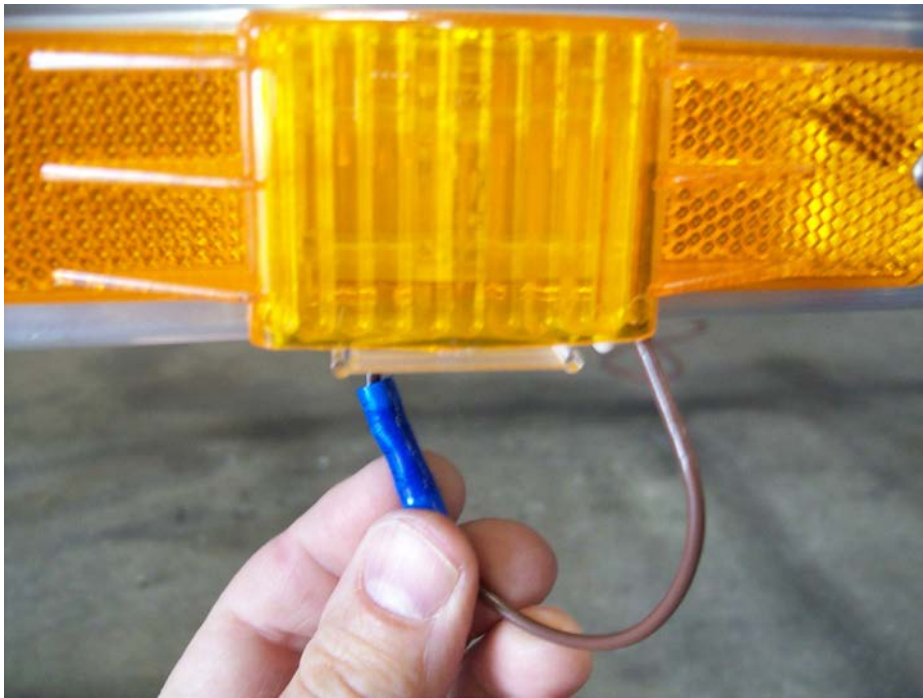


Cut 6" off of the brown wire on the running light. Strip about a 1/4" of the casing off the wire.



Trailer Harness

Crimp butt connector on the brown wire of running light. Pull the trailer harness down from the side rail of the trailer. Strip about a 1/4" of the casing off the wire.



Insert trailer harness wire into the butt connector of the light then crimp them together. At this point slide the wire back up through the hole in the bottom of the side rail.



Locate the T-bolts at the back of each side rail to attach the tail light brackets.

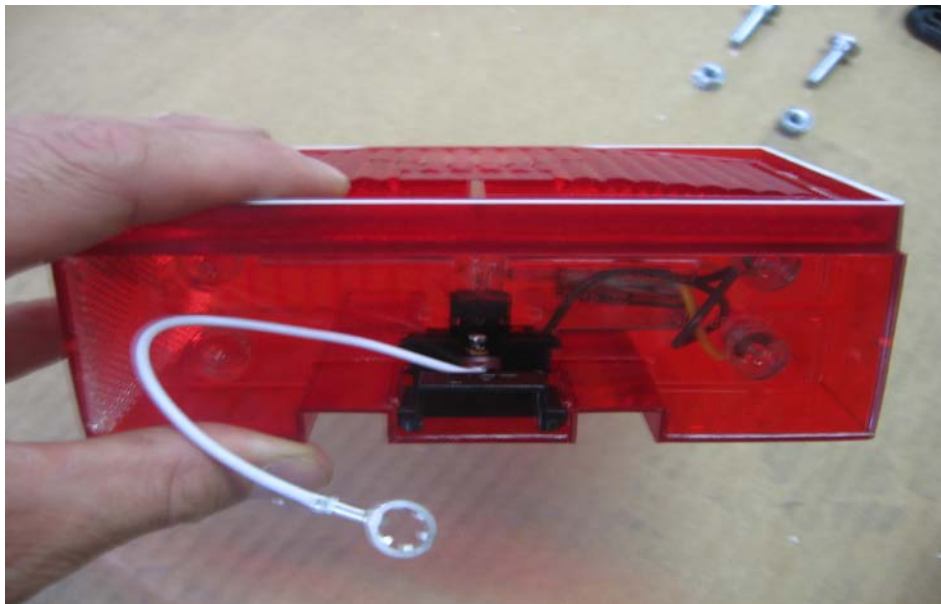


Pencil mark

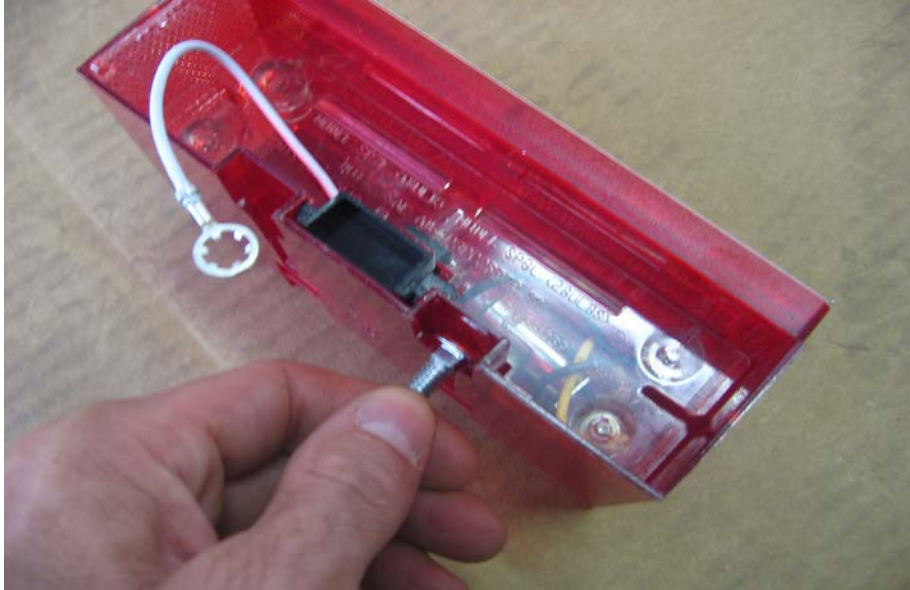
Install tail light brackets and center the nuts with the pencil marks.



Once brackets are in position tighten nuts.



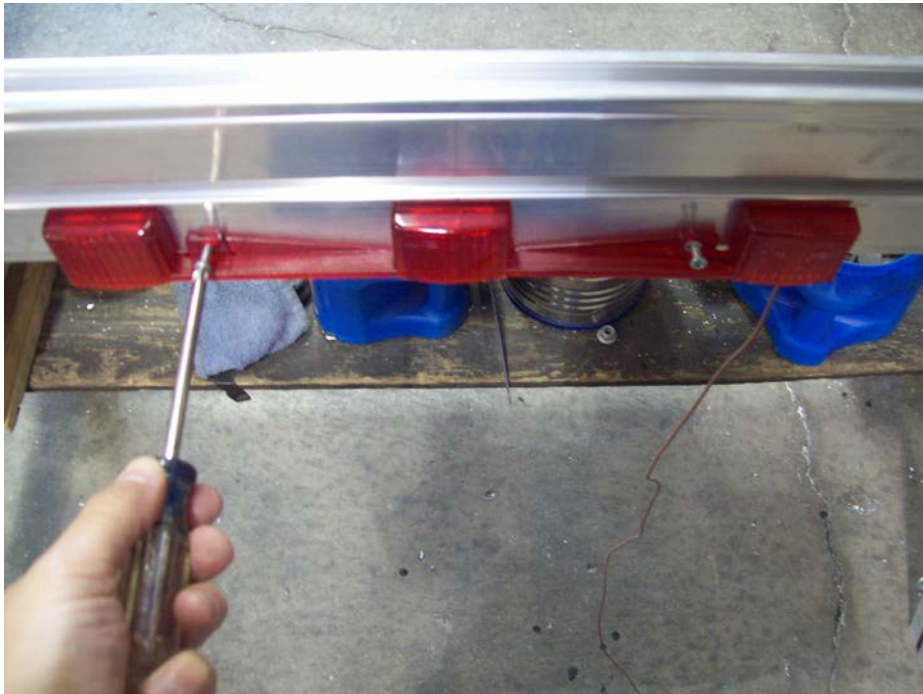
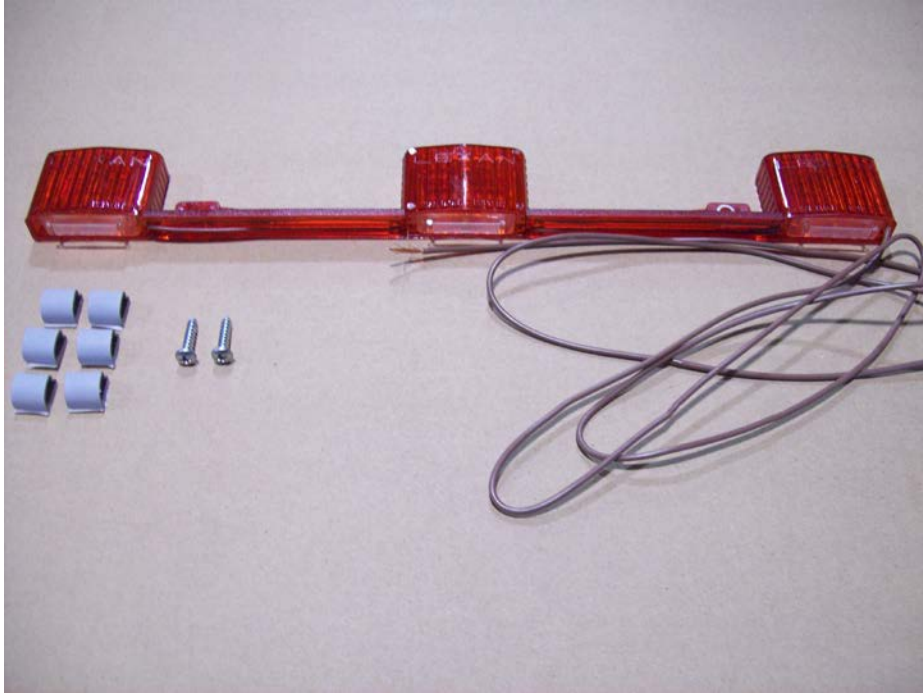
The light with the yellow wires is for the left (driver's side) of the trailer.



Slide the carriage bolts into the slots in the back of the tail lights until they lock in place. Then repeat the process for the right side.



Install the left tail light with the license plate holder between the light and the bracket. Repeat for the other side. Make sure to tighten nuts but don't over tighten them.

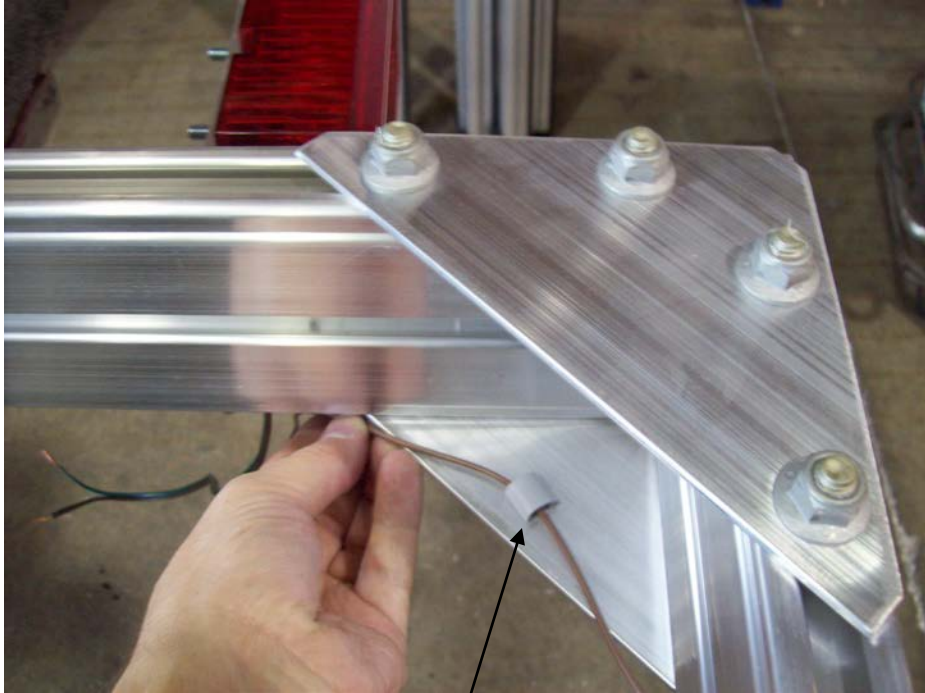


Locate the three light bar, adhesive clips, and two large Philips screws. Install the three light bar on the rear cross member in the center where the holes are drilled.

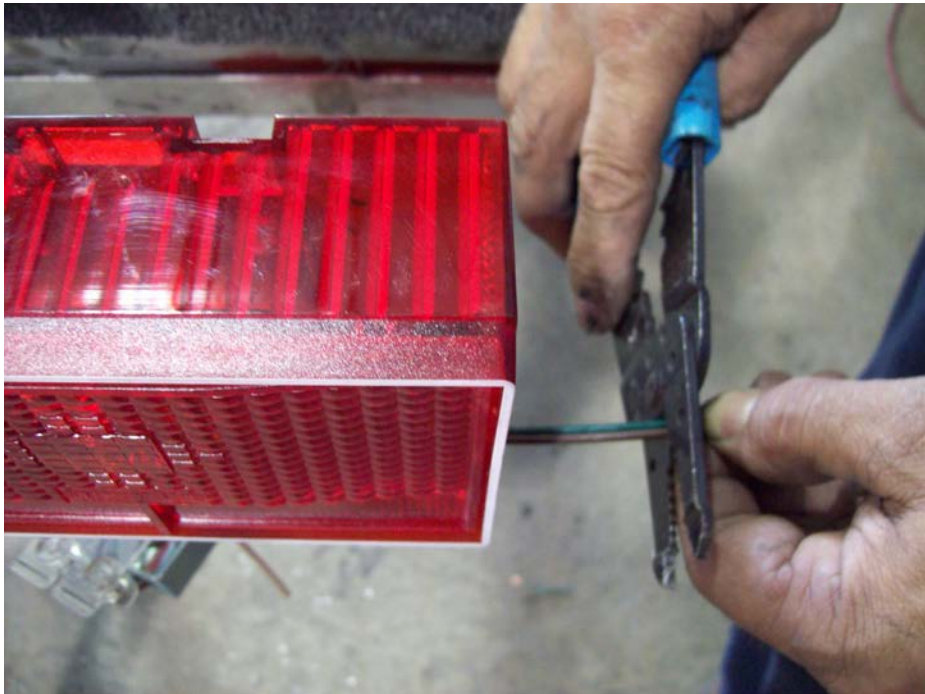


Adhesive clips

Take the wire from the three light bar and run it across to the right side tail light. Tuck the brown wire up into the underside of the cross member and install adhesive clips as shown.



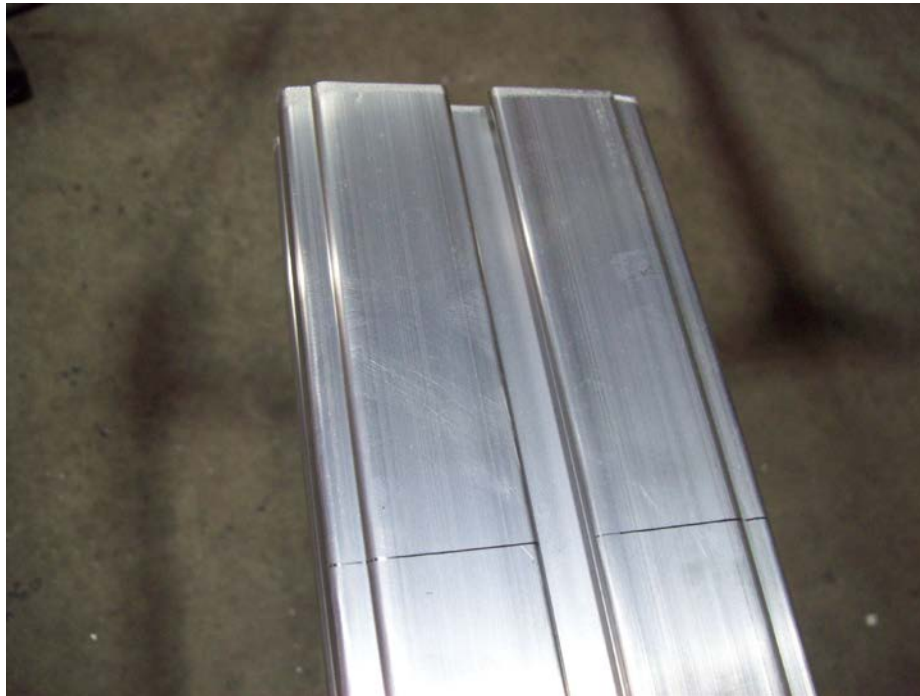
Adhesive clip



Trim off excess wire from harness and three light bar before installing



Remove the tail light assembly from the housing. Loosen the wire retaining screws and install the color matching wires from the wire harness onto the corresponding retaining screws. Reinstall into the housing. Repeat process for the other side.



Locate 8 cross bars and two vertical posts that are 89" long. You'll notice pencil marks on the post for placement of the cross bars.



Line the bottom edge of the cross bar up with the pencil mark on the vertical post.



The cross bars should look like this when installed on the vertical post.



Install three web strap clips on each cross bar. Position one in the middle and the other two at each end.



Once the rear post is together, install it on the two T-bolts that are on the inside of the rear cross member.



Install the front post on the inside of the front cross member as shown.



Locate two horizontal support bars as shown. The top bar has a decal on it.



Install the horizontal bar into the vertical post as shown. From the bottom of the vertical post, measure up $35 \frac{1}{2}$ " to locate the horizontal bar. There will also be pencil marks.



15" from the top

Install the top horizontal bar 15" down on the vertical post.



Locate the four lower cross bar stabilizer angles. Mount two on the front of each corner of the lower cross bar. Then attach to the inside corner of the frame as shown.



Install the rear angle on the cross bar and the outside edge of the frame as shown.



Loosen the strut on each side of the rear cross member and attach to the T-bolt on the back of the vertical post.



Position struts as shown then tighten nuts. Repeat this process for the front post.



Attach the struts from the tongue to the outside edges of the post.



Front struts should look like this once they are adjusted.



Locate the front support post that is 100" long. Install the top plate on the side of the post that is 2 3/8" wide. Only install the one plate for now.



Attach the bottom plate to the front of the support post.



Locate the three T-bolts on the tongue section then install the plate over top of the bolts. Do not tighten nuts until in position.



Locate T-bolts on the vertical post and install the top plate. Repeat the process for the other side then position and tighten nuts.

Torque lug nuts

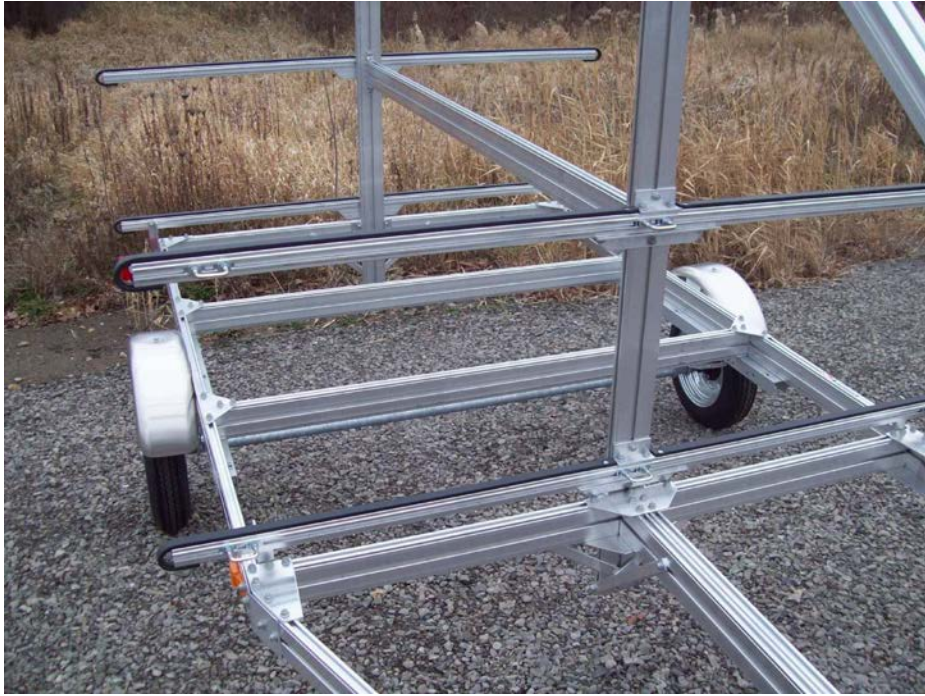


Shown with option Bearing Buddy's

Tighten to 80 foot pounds in a crossing pattern. Re-tighten after 25 miles.

Finished trailer







KJM 9/23/11