

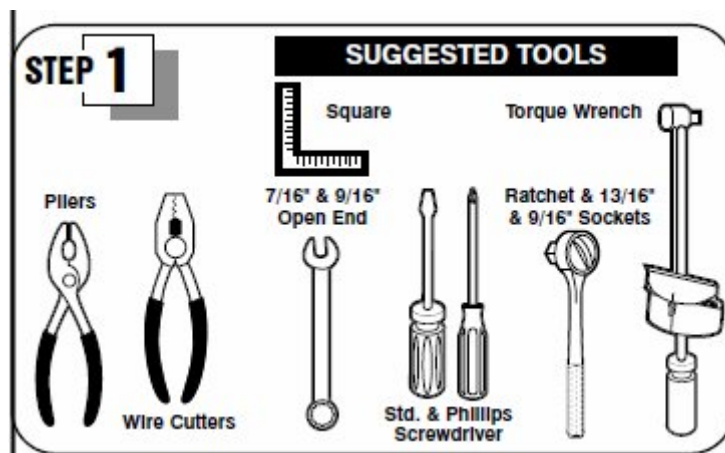
SUT-200-S

UNPACK AND IDENTIFY THE FOLLOWING PARTS.

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.



Axle assembly



Front and rear cradle holders.



10" padded cradles





Roll assembly, skid, tail light brackets, fender brackets.

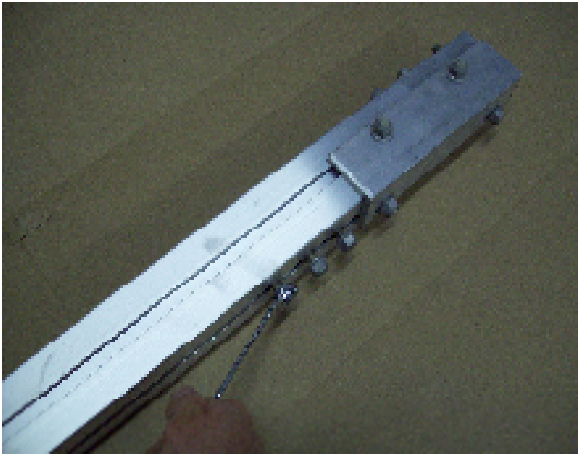


Fenders, tires, light kit, wiring harness, running light bracket, fasteners.



Tongue assembly.

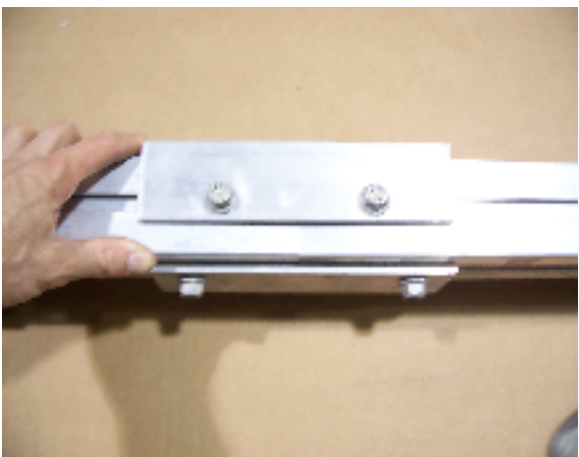
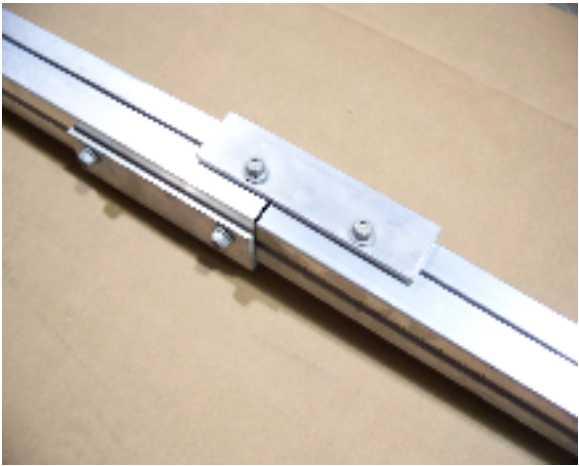
Tongue assembly.



Unwrap the two tongue sections and loosen the 6 nuts (3 per side) located at the rear of the front tongue section and slide them all the way forward toward the coupler. These will be used later to install the front cradle and the bow stand.



Lay the tongue sections end to end with the splice plates adjacent to each other. Loosen 4 nuts on each splice plate.



Slide each plate over the adjacent tongue section until the plates are centered over the gap between the tongue sections.

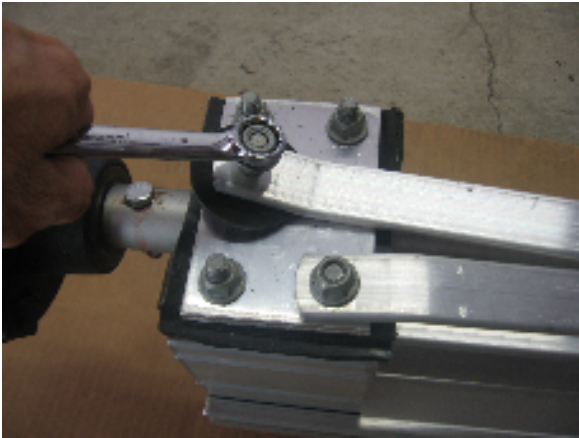


Tighten all 8 nuts making sure that the tongue sections are as tight as possible to one another. Set the tongue aside.

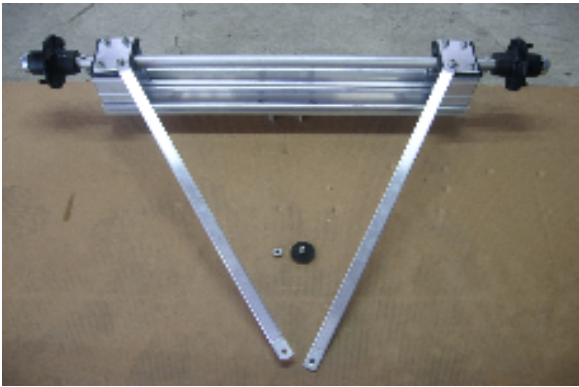
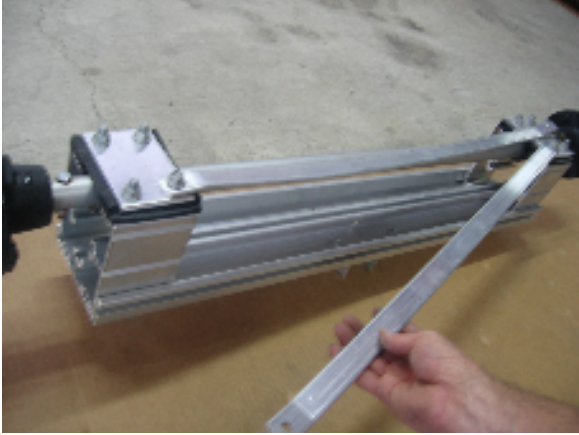
Axle assembly



Locate the axle assembly.



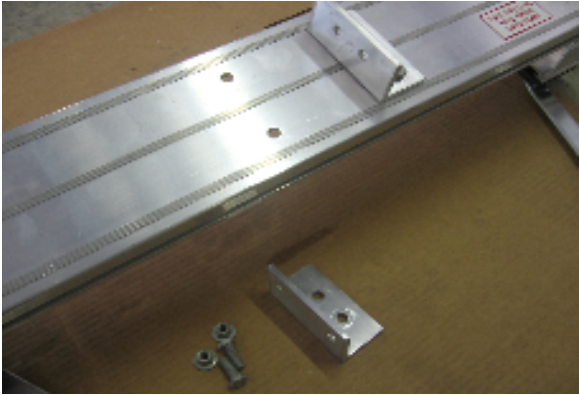
Remove the 1 1/8" T-bolt and rubber washer located on the tie rod end and set them aside for installation later.



Rotate both tie rods forward.



Turn the axle assembly over.



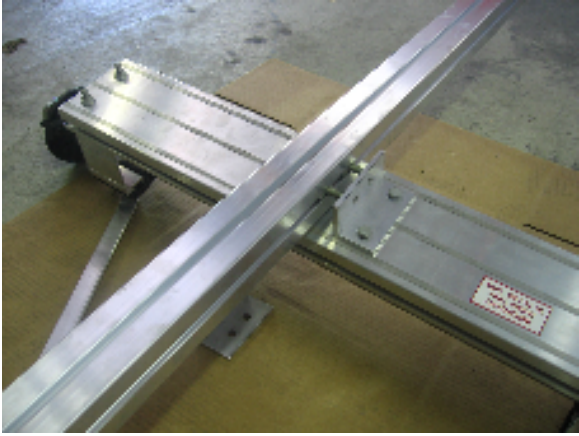
Remove one of the tongue-to cross member attaching angles and set it aside.



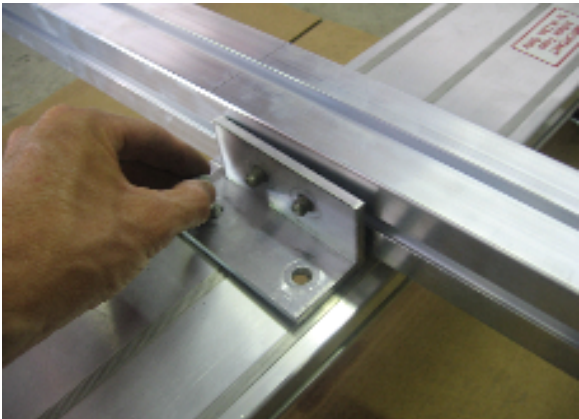
Remove the nuts from the two forward most T-bolts located on either side at the end of the rear tongue section. Slide them forward to the pencil marks approximately 42”.



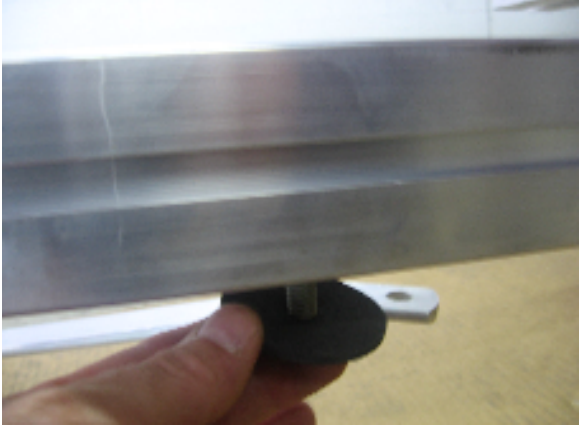
Locate the 1 1/8” T-bolt that was previously removed. Put it into the bottom slot at the back of the rear tongue section, slide it forward approximately 72” and leave it there.



Attach the tongue section to the axle assembly with the tie rods facing forward. Align the rear edge of the axle assembly with the pencil line on the bottom of the tongue section located at 42" from the rear.



Loosely re-install the cross member attaching angle that was removed previously. Do not completely tighten the nuts yet.



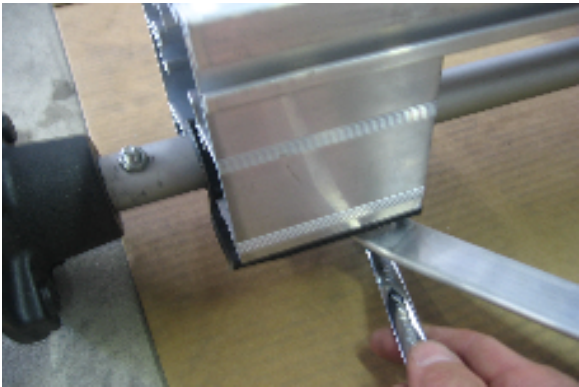
Install the rubber washer that was removed previously onto the 1 1/8" T-bolt located in the bottom slot approximately 72" from the rear.



Install the forward ends of both tie rods to the 1 1/8" T-bolt. This will ensure that the axle assembly is perpendicular to the tongue.



Go back and tighten all the nuts that attach the tongue to the axle.



Important! Tighten the nuts at both ends of the tie rods.

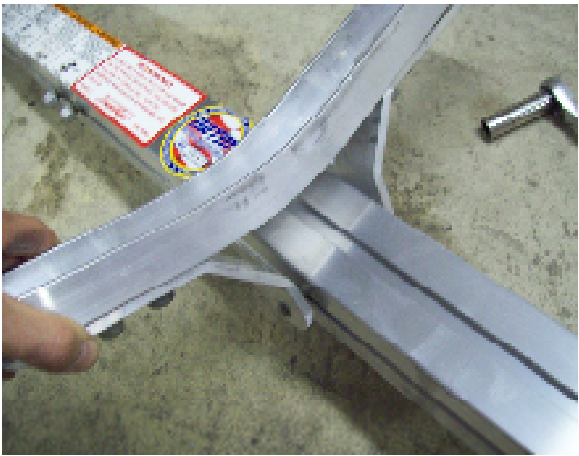


Your trailer should look like this at this point.

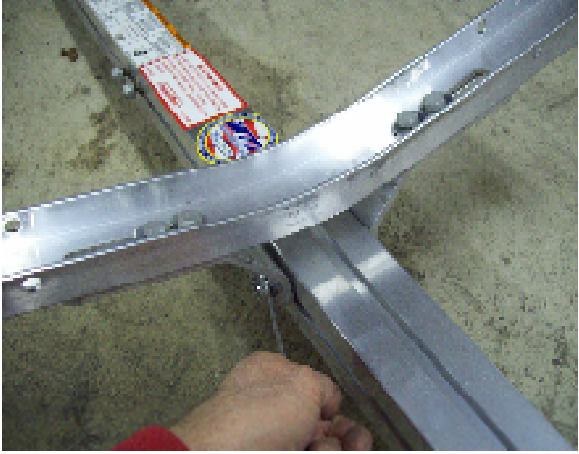
Front cradle holder



Locate the front cradle holder with the brackets installed (the short one).



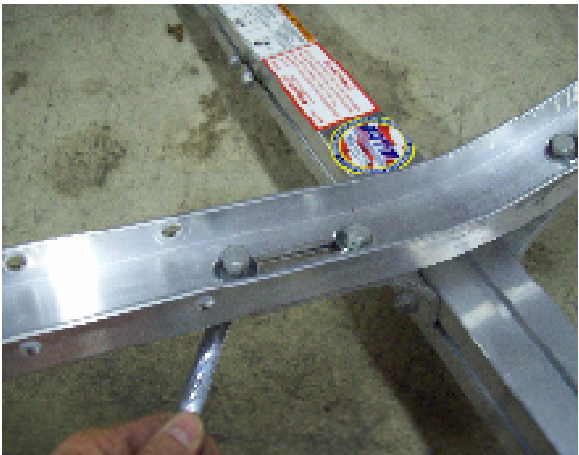
Using the rearward most bolts of the three that were moved toward the coupler during tongue assembly, attach the front cradle holder assembly at the pencil marks located 36" from the front of the tongue. Final location of the front cradle holder will be determined when the boat is fitted to the trailer.



Tighten the nuts making sure the cradle holder brackets are perpendicular to the tongue.



Make sure the slots in the cradle holder line up with the slots in the holder bracket.



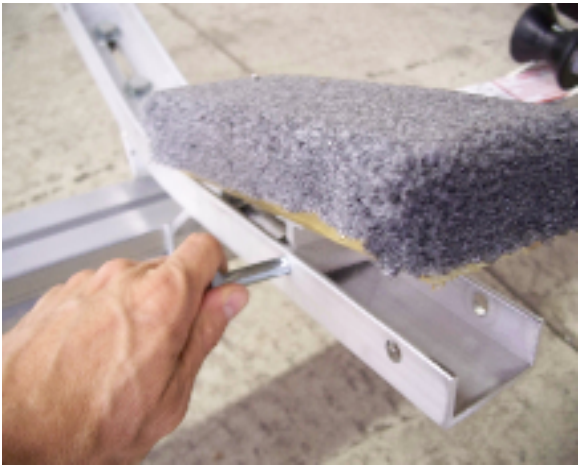
Slide the bolts out to the ends of the slots and tighten the nuts.



Locate the padded cradles.

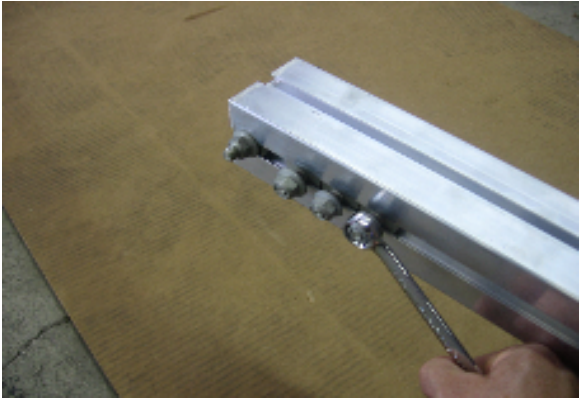


Remove the bolt from the pivot plate.

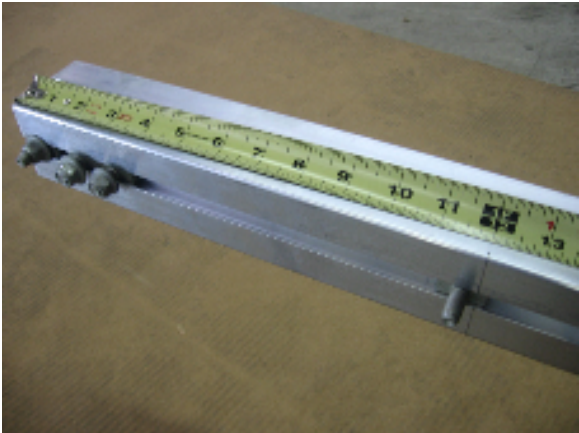


Install the padded cradle (inner position shown – this may vary depending on the width of the hull). Final angle will be determined when the trailer is fitted to the boat.

Rear cradle holder



Remove the nuts from the forward most bolts located on either side of the back of the rear tongue section.



Slide them forward to approximately 12" from the end of the rear tongue section.



Install the rear cradle holder assembly onto the bolts located 12" from the rear and repeat the steps to install the padded cradles.

Tail light brackets, rear roll, and tail lights.



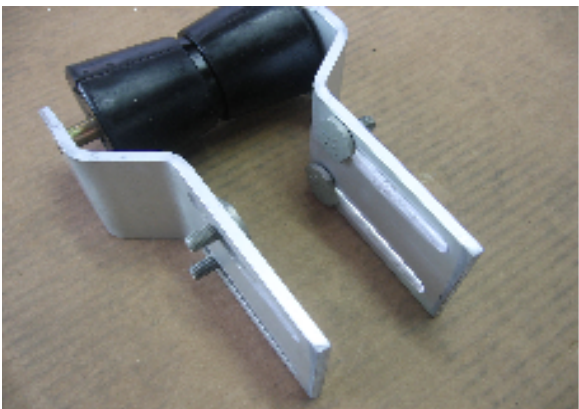
Remove the nuts from the forward most T-bolts located at the end of the rear tongue section.



Install the tail light brackets loosely and slide them toward the front of the trailer - final location to be determined later.



Remove the remaining two nuts and bolts from both sides of the rear tongue section.



Install the bolts into the rear roll bracket with the threads facing outward.



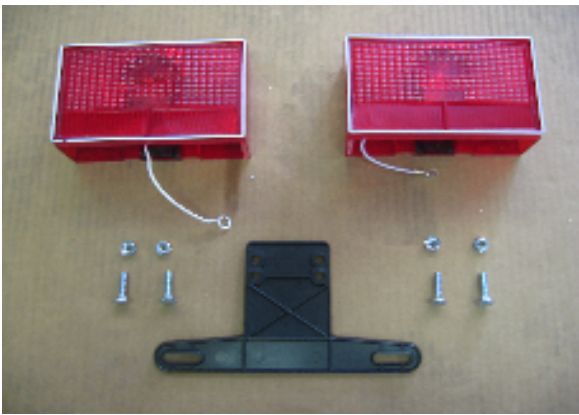
Slide the bolts into the slots on the side of the rear tongue section.



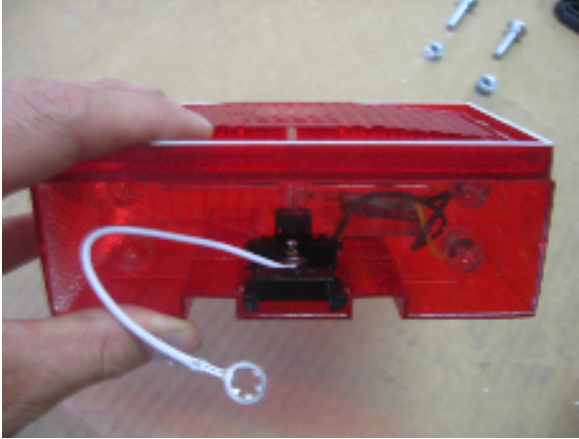
Install the nuts loosely.



Angle the rear roll as shown and tighten all nuts.
NOTICE: The final position of this roller is such that it never touches the hull during transport – only during launch and retrieval.



Locate the tail lights, carriage bolts, and nuts inside the light kit box.



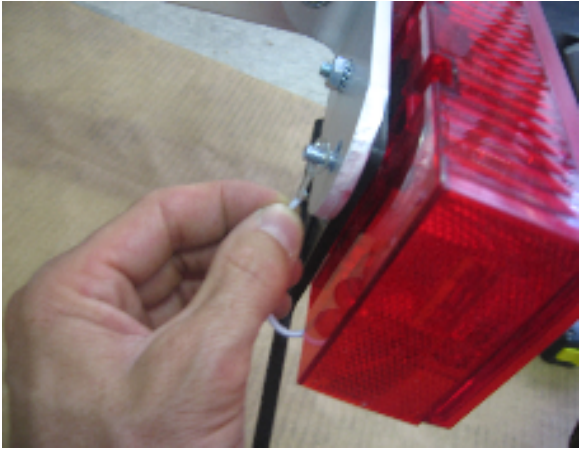
The light with the yellow wires is for the left (driver's side) of the trailer.



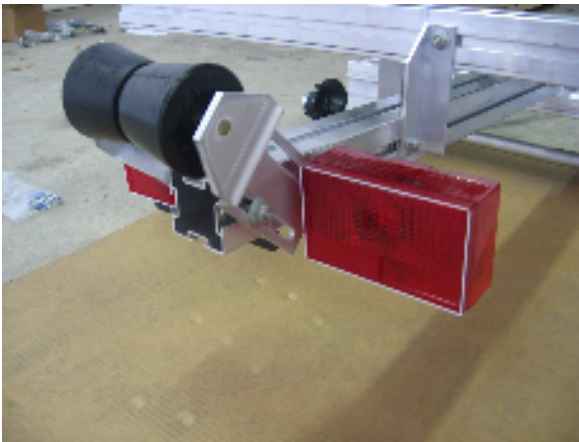
Slide the carriage bolts into the slots in the back of the tail lights.



Install the license plate bracket and left tail light onto the tail light bracket.



Install the white ground wire from the tail light onto the carriage bolt.

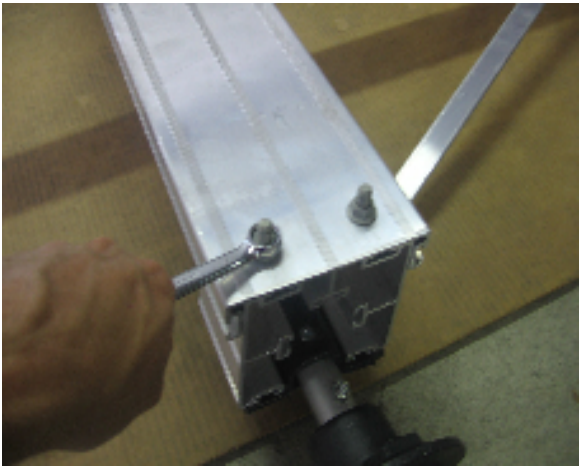


Repeat this procedure to install the right tail light onto the right tail light bracket.

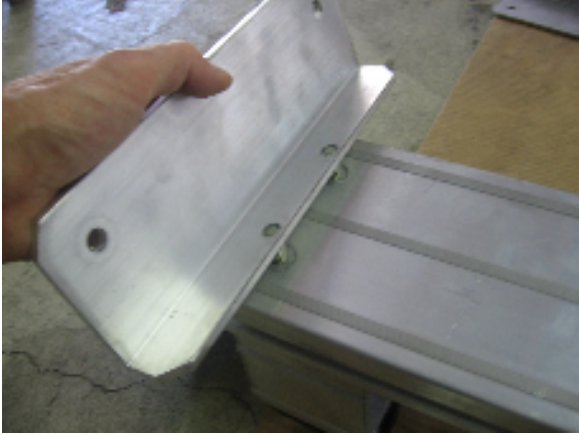


Loosen the tail light brackets, slide them to the rear as far as possible and tighten the nuts.

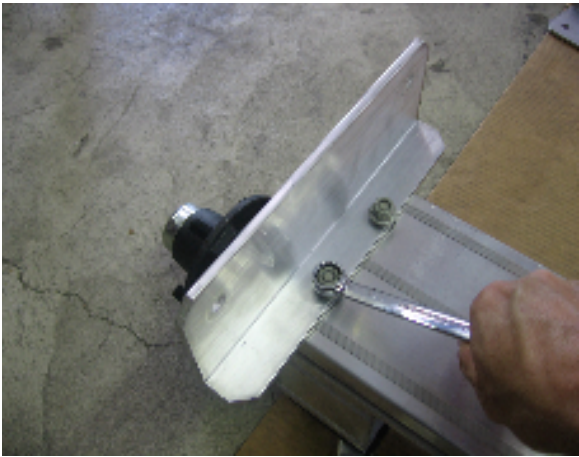
Fenders



Remove the nuts from the top of the axle assembly.



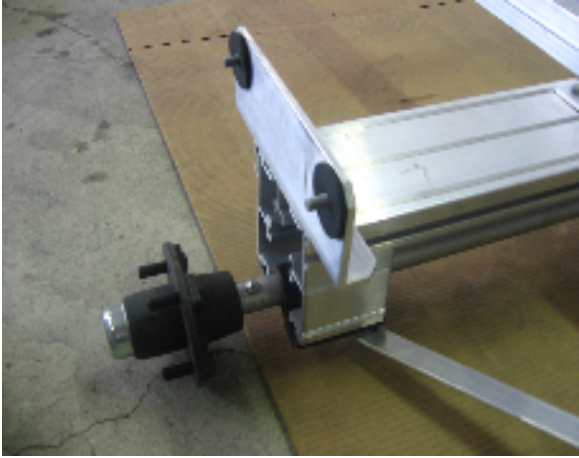
Install the fender brackets onto the bolts.



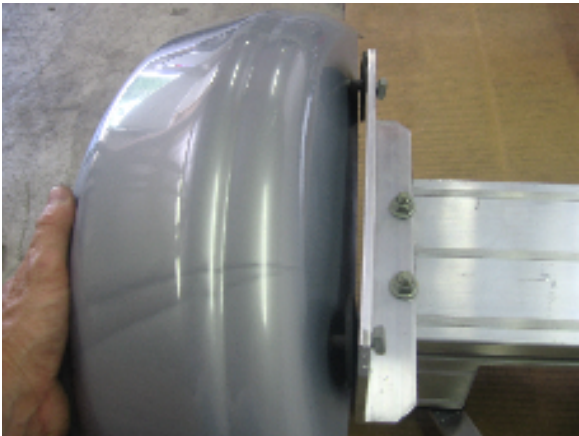
Re-install the nuts.



Locate the 1" bolts (4), large rubber washers (8), large steel washers (4), and lock nuts (4).



Install the 1" bolts and (2) rubber washers as shown.



Install the fender as shown.





Install the remaining (2) rubber washers, (2) steel washers, and (2) lock nuts as shown. Repeat for the other fender.



Locate 8 lug nuts.



Install the wheels with the valve stems facing out. Install the lug nuts with the tapered side facing the wheel. Tighten to 80 foot pounds in a crossing pattern. Re-tighten after 25 miles.

Skid, running light bracket, running lights.



Locate the skid with two T-bolts attached.



Slide the rear of the skid into the bottom slot in the front tongue section. Do not install the front of the skid yet.



Locate the running light bracket with bolt and nut.



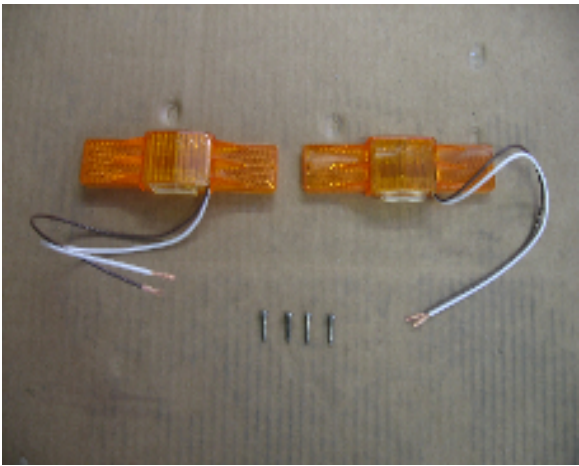
Slide the running light bracket into the bottom slot in the front tongue section.



Slide the front of the skid into the bottom slot in the front tongue section.



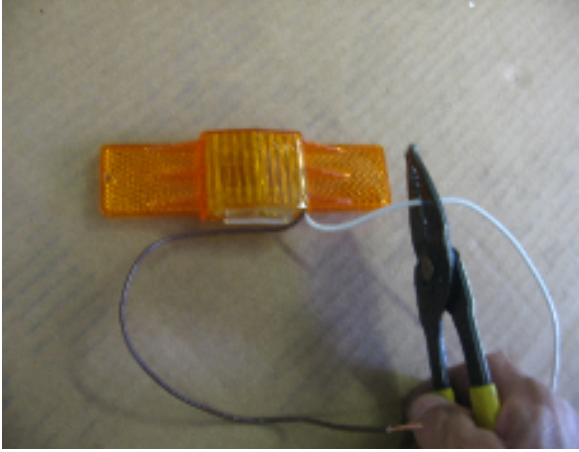
Tighten the nuts for the skid and running light bracket in the location shown.



Locate the two amber running lights and four small Philips screws.



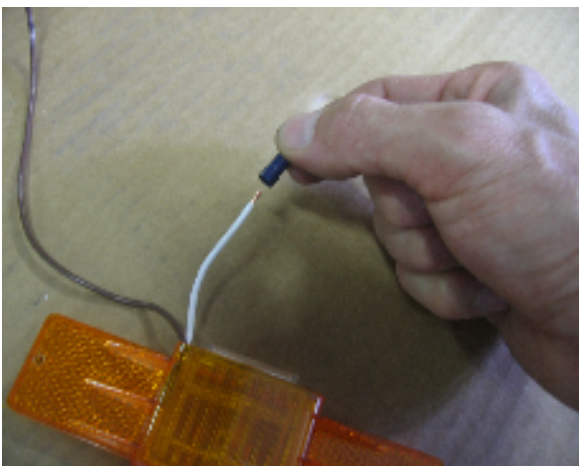
Locate the two ring terminals.

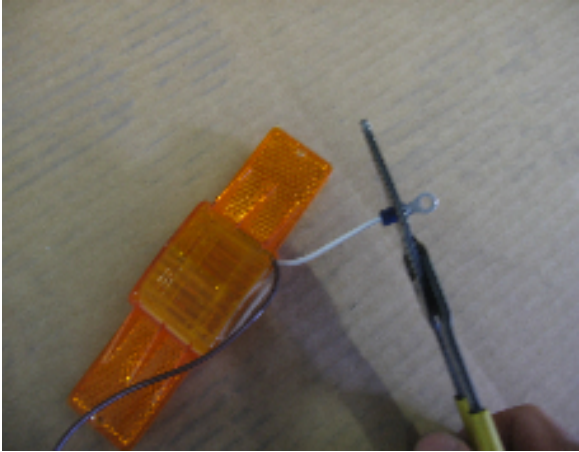


Cut approximately 8 ½” off of the white wires on both running lights.

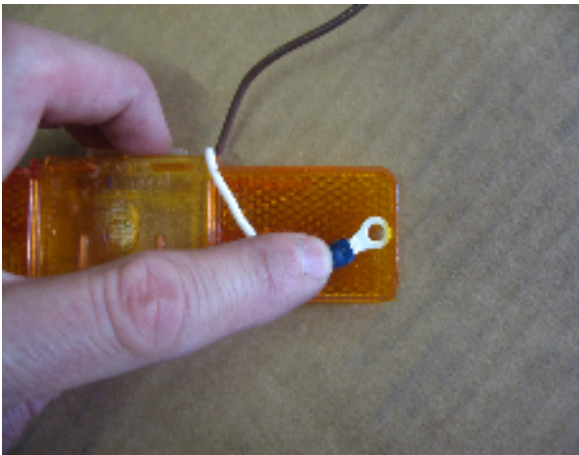


Strip ¼” of insulation from the wire.

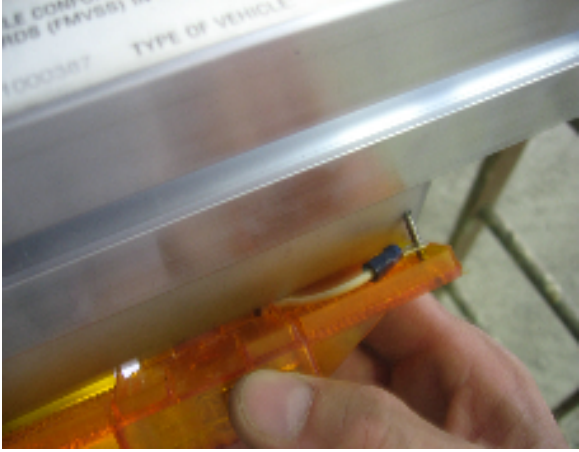




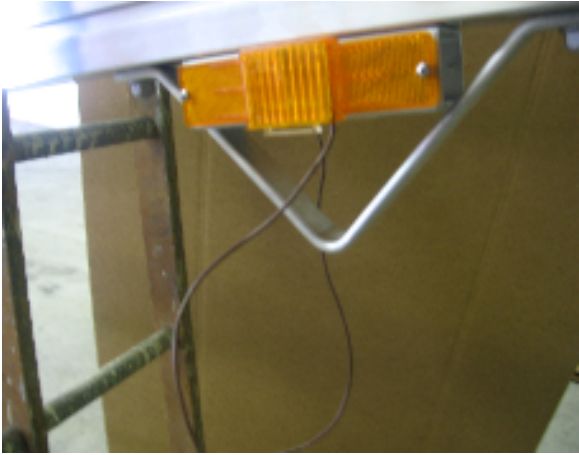
Install the ring terminals by crimping the terminal onto the bare wire.



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.

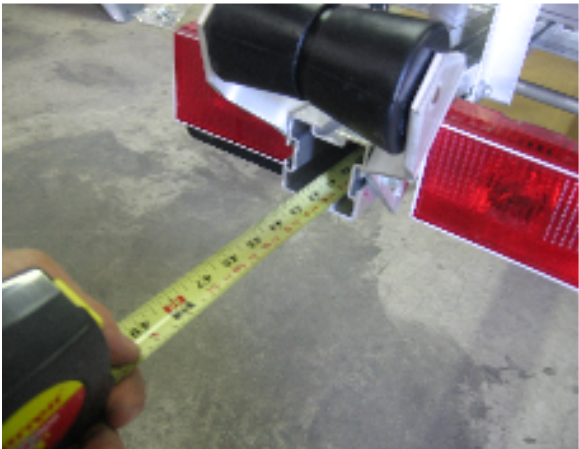


At this point there should be just 2 brown wires exiting the running lights.

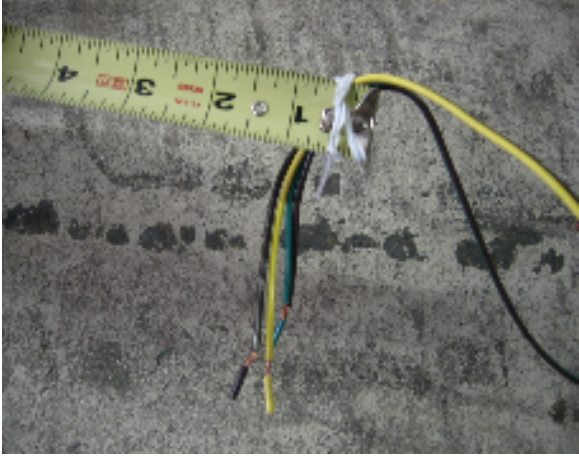
Wiring



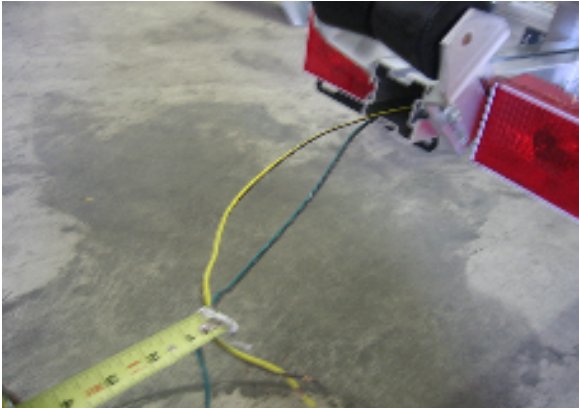
Locate the wire harness.



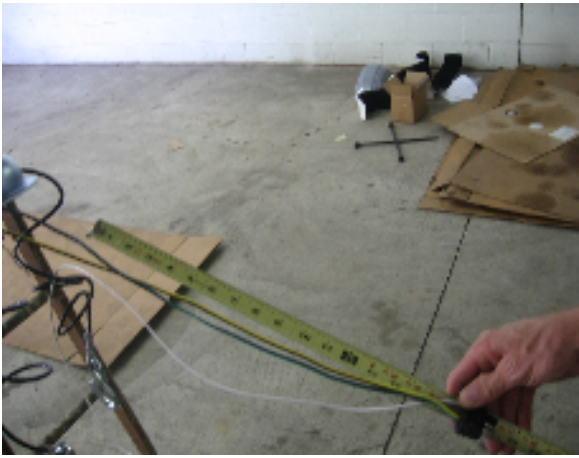
Extend a tape measure inside the tongue from the rear of the trailer until it protrudes at the front of the trailer under the coupler.



Attach both wires of the harness to the end of the tape measure using the ties provided with the harness.



Retract the tape measure until it comes out of the back of the tongue with both wires attached.



Pull the excess wire out of the back of the tongue section leaving approximately 18" of harness exposed at the front.



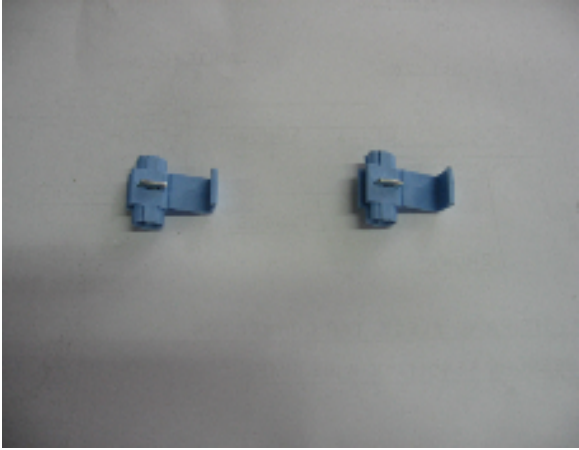
Cut the white ground wire at the front of the trailer leaving it 22" long. Strip the wire and install a ring terminal as previously described.



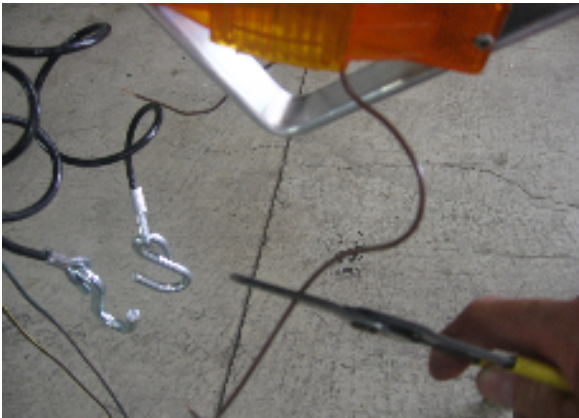
Locate the $\frac{3}{4}$ " long Philips screw.



Install the ground wire into the pre-drilled hole located under the tongue just behind the coupler.



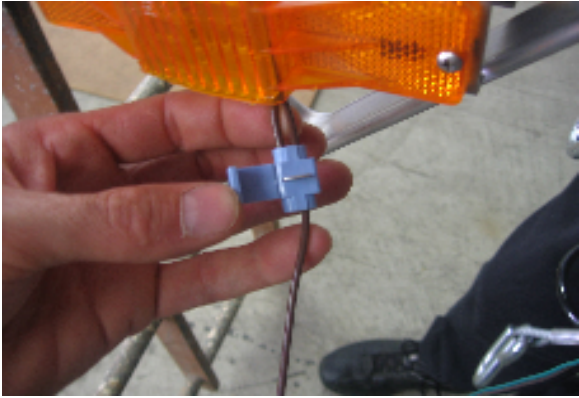
Locate the light blue tap connectors. Notice that one hole passes through and the other does not.



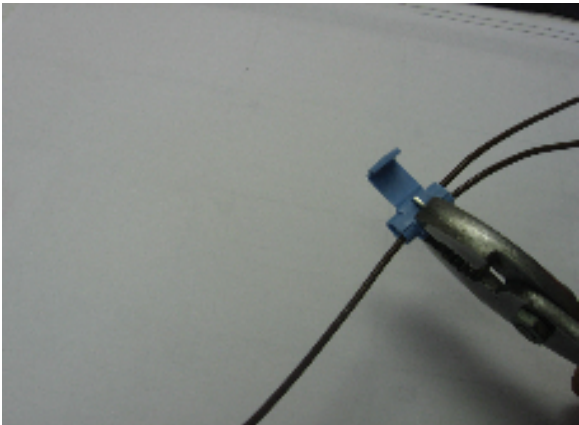
Cut 6" off of the brown wire on the left (driver's side) running light.
Do not strip the wire.



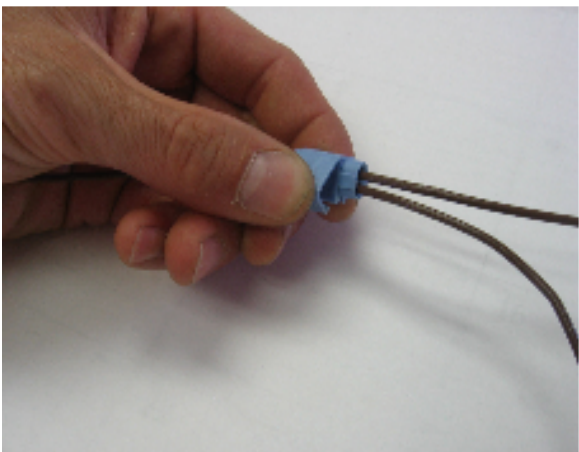
Insert the brown wire from the left (driver's side) running light into the hole in the connector closest to the hinge. This hole does not pass all the way through. The wire should go in about $\frac{1}{2}$ ".



Pass the brown wire from the other running light through the remaining open slot in the connector at a point close to the running lights.



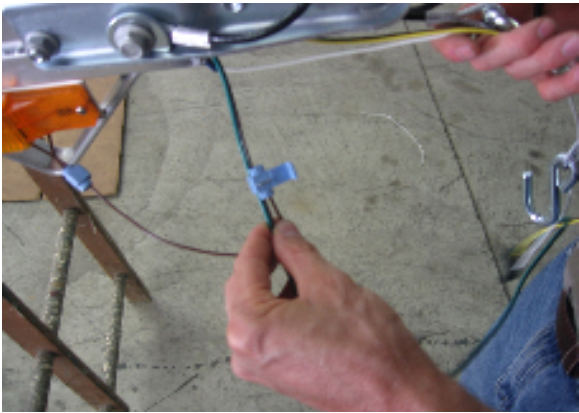
(Illustration) Use pliers to push the metal spade down until it is flush with the plastic. This is what makes the electrical connection between the two wires.



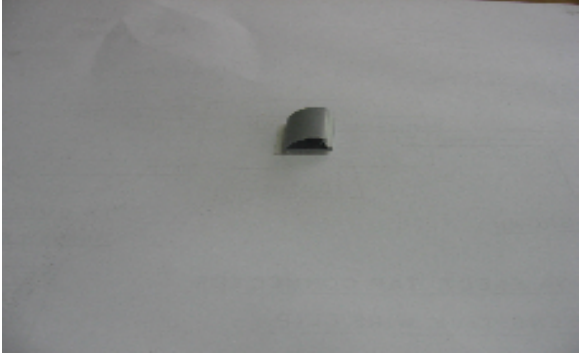
(Illustration) Close the cover on the connector.



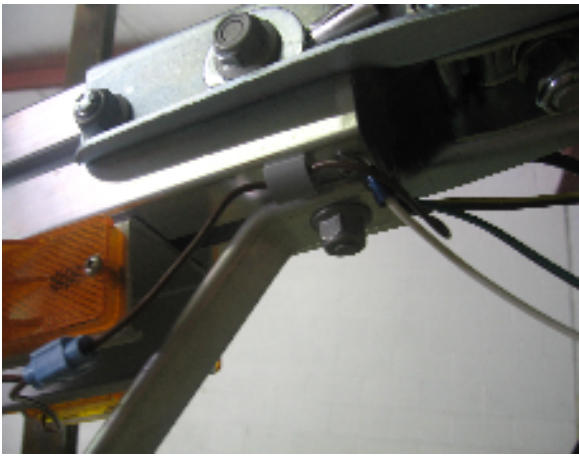
Cut the exposed strands of wire off of the end of the brown wire on the right (passenger side) running light.



Measure 22" back from the front plug on the green/brown wire and pass the brown wire through the open slot in the second light blue connector at this location. The green wire will rest just outside the connector. Insert the brown wire from the running lights into the closed side of the connector and close the spade and cover as previously described. This will make the connection from the main harness to the running lights.



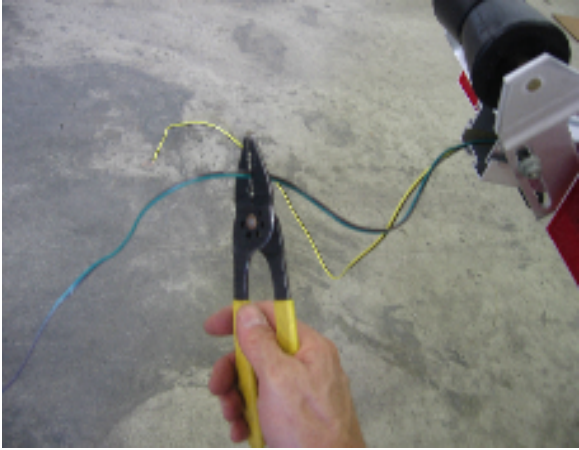
Locate an adhesive backed clamp.



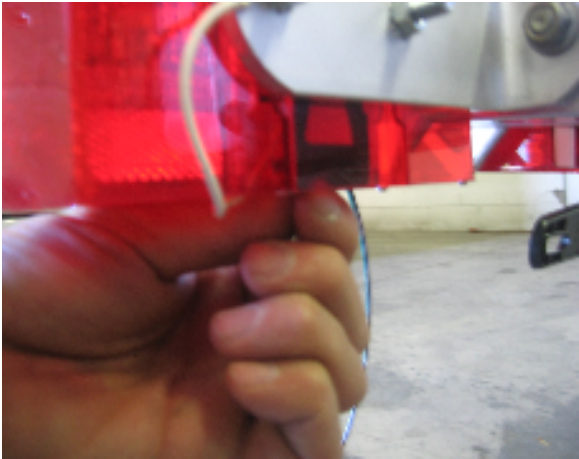
Install it as shown and run the brown wire from the running lights through it.



Pull the two wires at the back of the trailer through the tongue until there is approximately 18" protruding from the front.



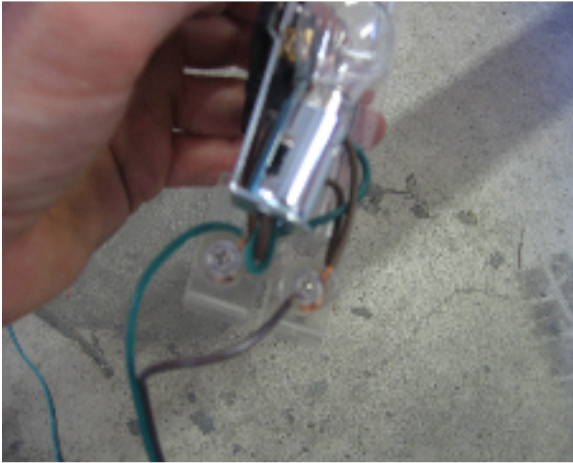
Cut the excess wire at the rear of the trailer leaving 12” exposed.



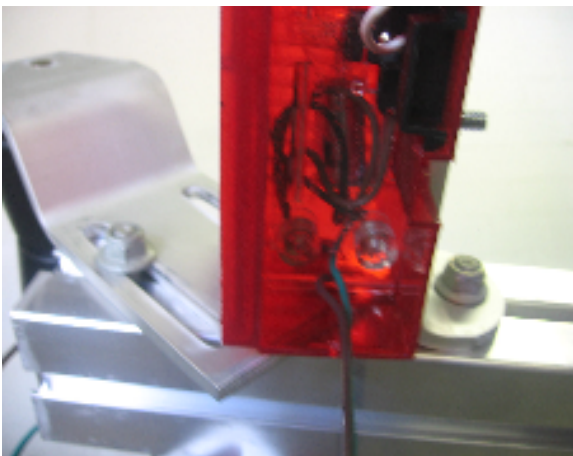
Locate the black tab at the bottom of the right (passenger side) tail light.



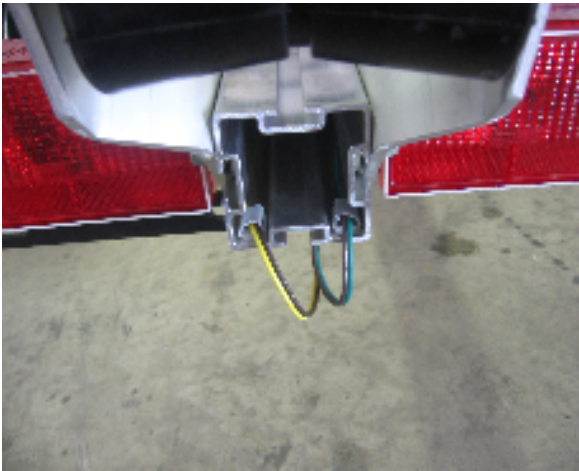
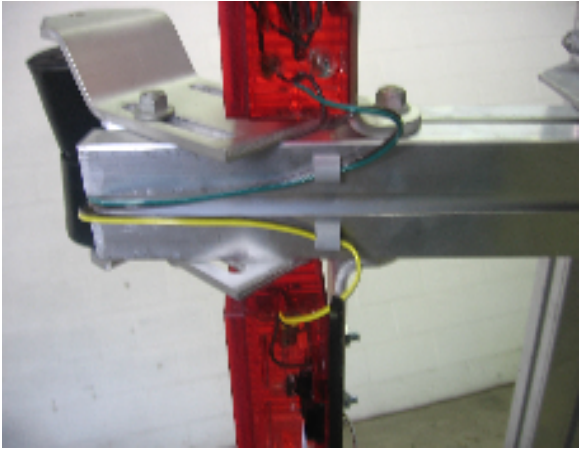
Move the tab toward the rear of the trailer and pull down releasing the bulb assembly from the light housing.



Loosen the wire retaining screws and install the color matching wires from the wire harness onto the corresponding retaining screws.



Re-install the bulb assembly into the light housing making sure to route the wires through the slot in the base of the bulb assembly. Repeat for the left side.



Install adhesive backed clamps in the locations shown and route the wires through them.

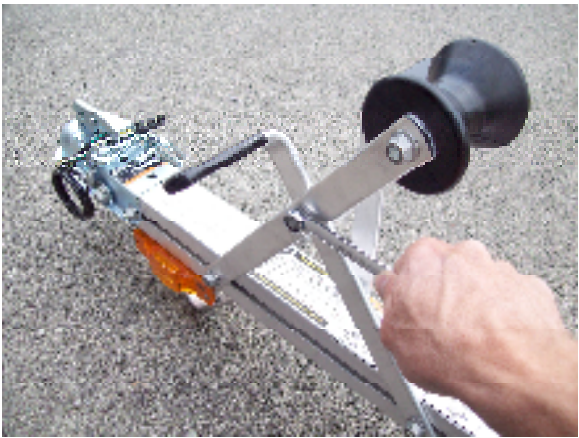
Bow Stand



Remove the two remaining nuts on either side of the front tongue section.



Install the bow stand with the roll facing the rear of the trailer and the handles facing forward as shown.



Final positioning of the bow stand will be determined by your boat.

The trailer is complete and ready to be fitted to your boat.