

# Traillex

## SPORT UTILITY TRAILERS

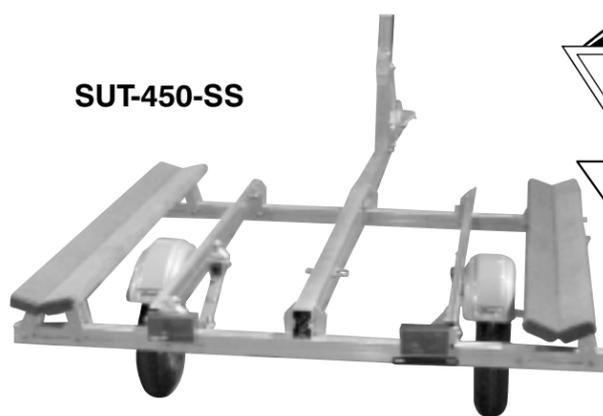
### SUT-450-SS

#### 450 LB. CAPACITY

#### TRAILER

#### Assembly Instructions

SUT-450-SS



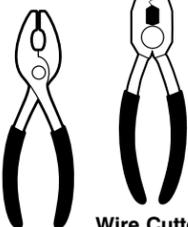
#### ASSEMBLY REQUIREMENTS

- ✓ Torque all "T" bolt nuts to 38-40 foot pounds.
- ✓ Check all lights before towing
- ✓ Tire pressure not to exceed sidewall recommendation.
- ✓ Re-Torque wheel nuts after first 25 miles to 80 ft. pounds and periodically thereafter.

#### STEP 1

#### SUGGESTED TOOLS

Pliers

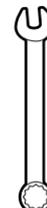


Wire Cutters

Square



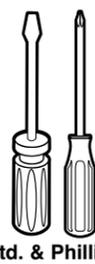
7/16" & 9/16" Open End



Torque Wrench



Ratchet & 13/16" & 9/16" Sockets



Std. & Phillips Screwdriver

#### STEP 2

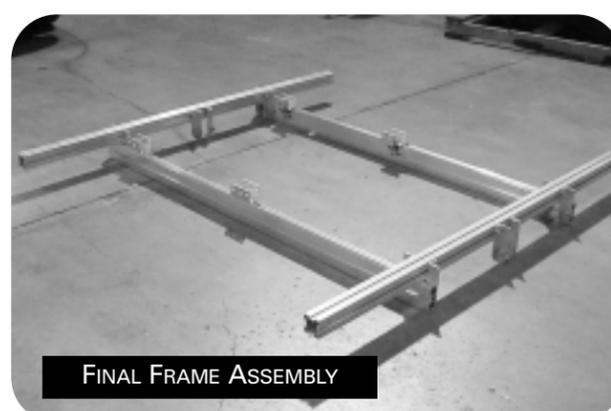
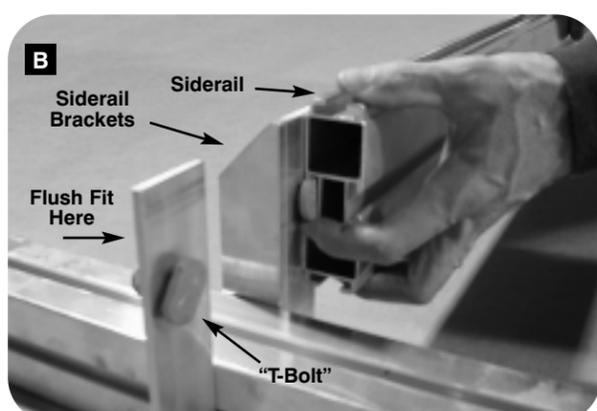
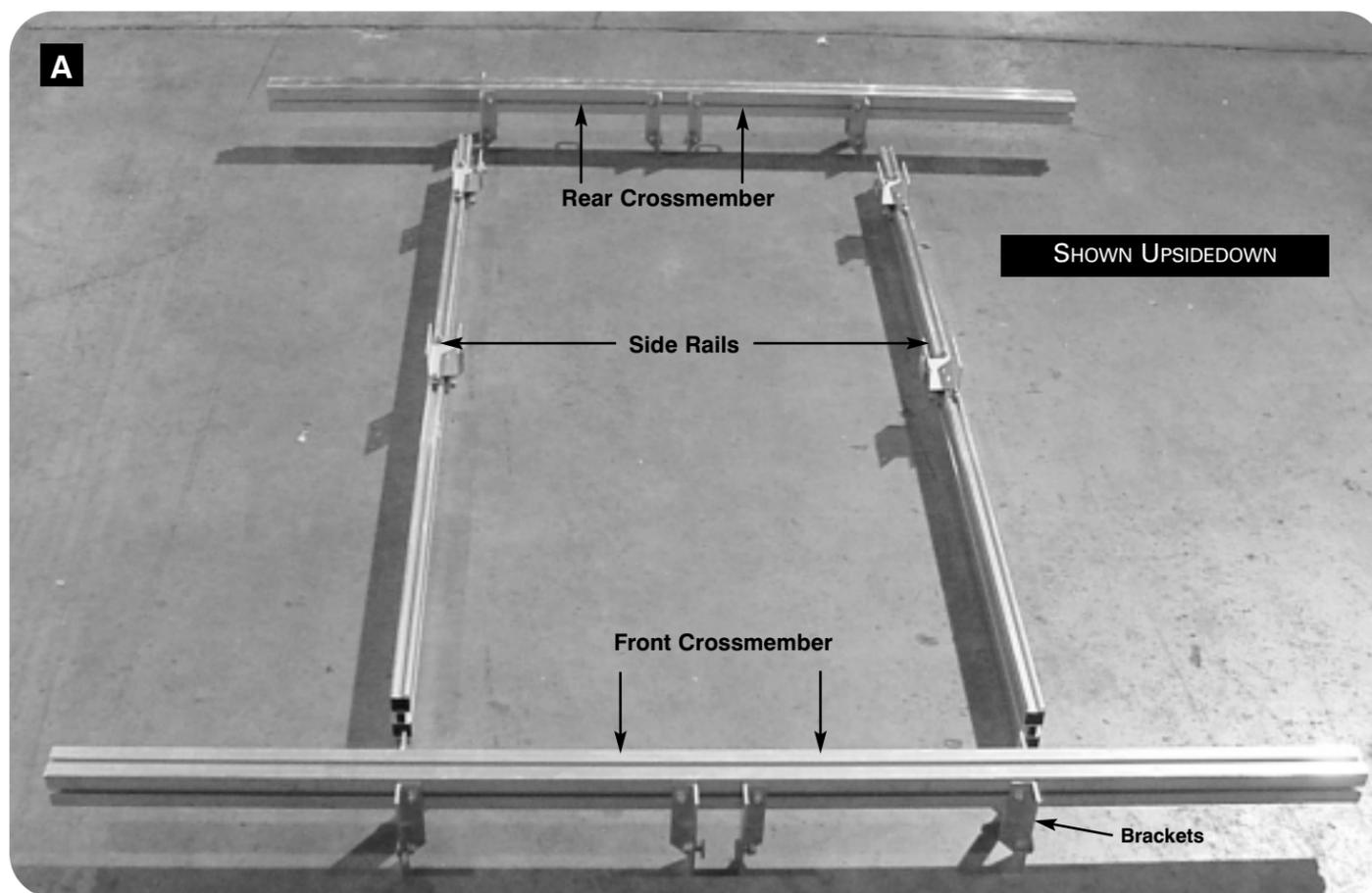
#### BOXES (SEE PHOTOS BELOW)

- ☐ Remove and Identify all parts from boxes. (Refer to exploded drawing parts list).
- ☐ Layout all parts to configuration of trailer using parts drawing as your guide.



#### STEP 3

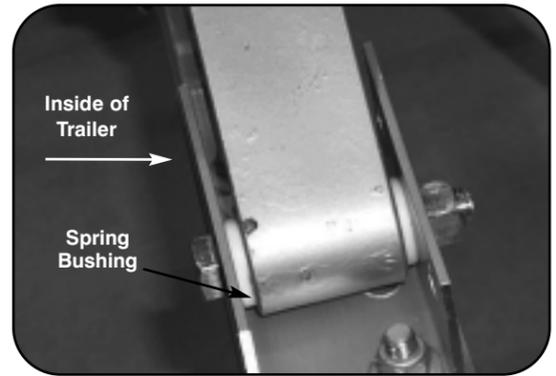
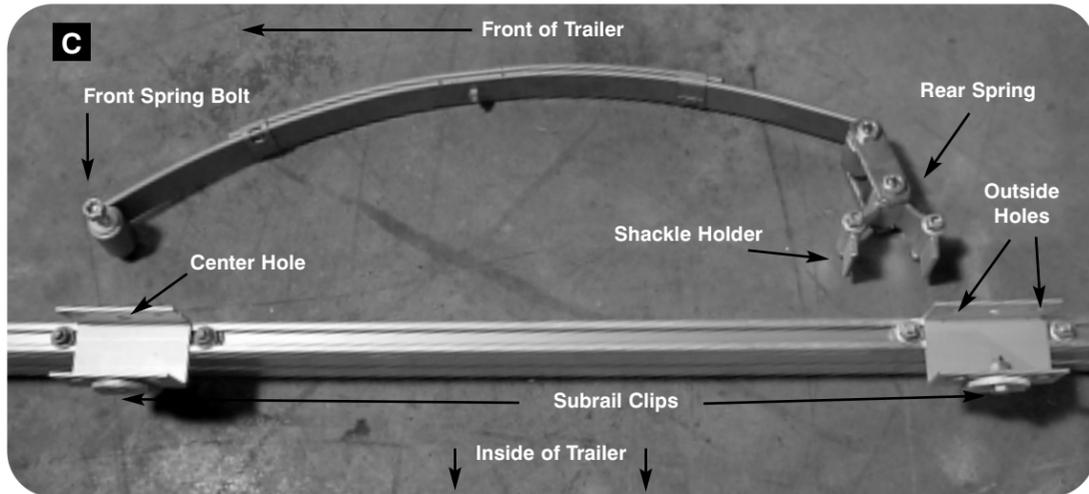
- ☐ Layout Frame Assembly (Shown in A).
- ☐ Slide side rails into brackets on front and rear crossmembers (Shown in B).



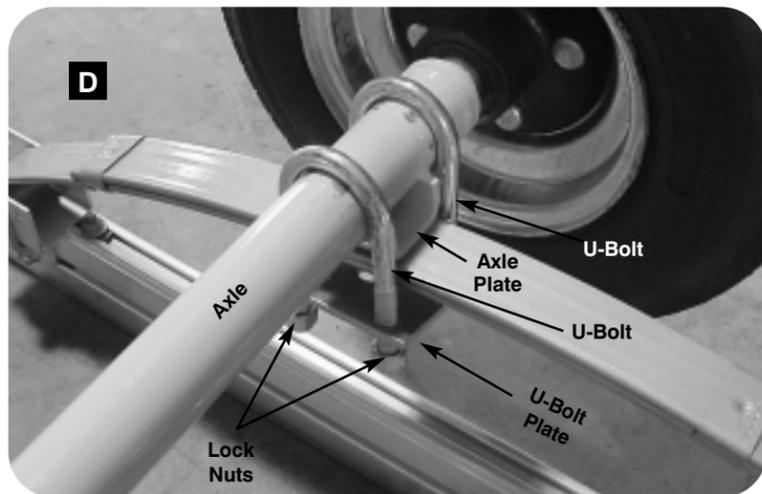
FINAL FRAME ASSEMBLY

## STEP 4

- ❑ Attach front of spring to center hole in subrail clip, (Shown in C). All bolts face inward with nuts on the inside of trailer. (Go to inset for detail). Attach shackle holder to rear subrail clip, using 2 outside holes. (Bolts contained in spring and shackle holder). Tighten shackle bolts. Repeat other side.
- ❑ Lay axle on spring. Line up hole in axle plate with bolt in spring (Not Shown). Attach two U-Bolts, 1 U-Bolt Plate, 4 Lock Nuts - (Shown in D). Tighten U-Bolt nuts to 80 ft. pounds. Final assembly of axle to frame (Shown in E).
- ❑ Attach tires to hubs with lug nuts. (Torque bolts to 80 ft. pounds).
- ❑ Flip trailer right side up.

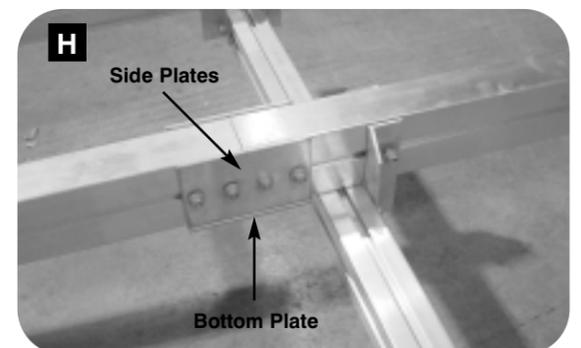
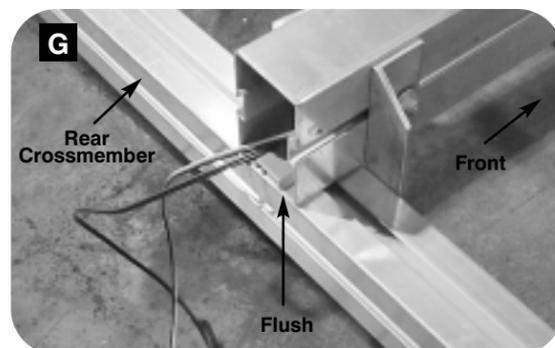
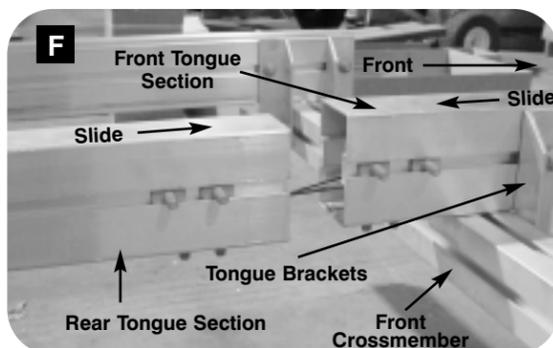


**INSET**  
Picture shows bolts facing in and spring bushings in spring. Bolts tight, but not "pinching" spring motion



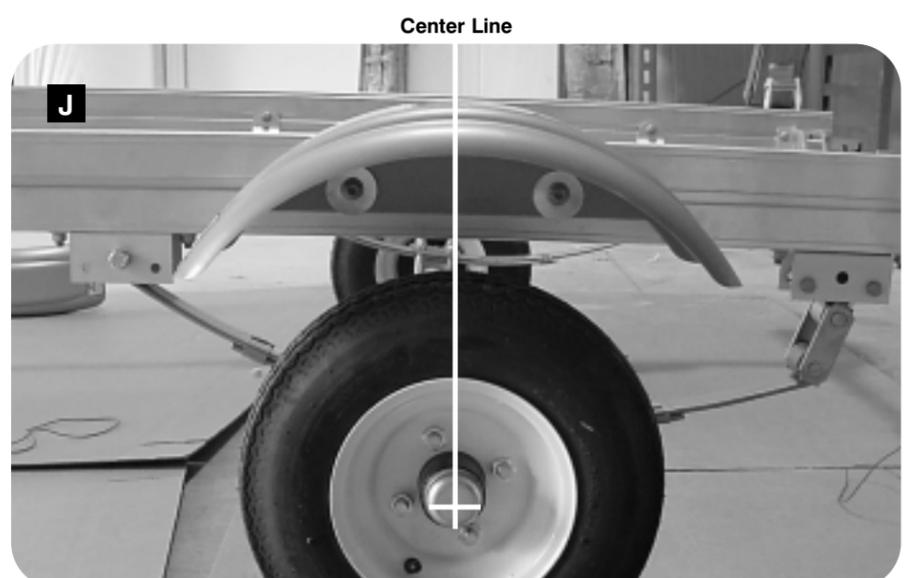
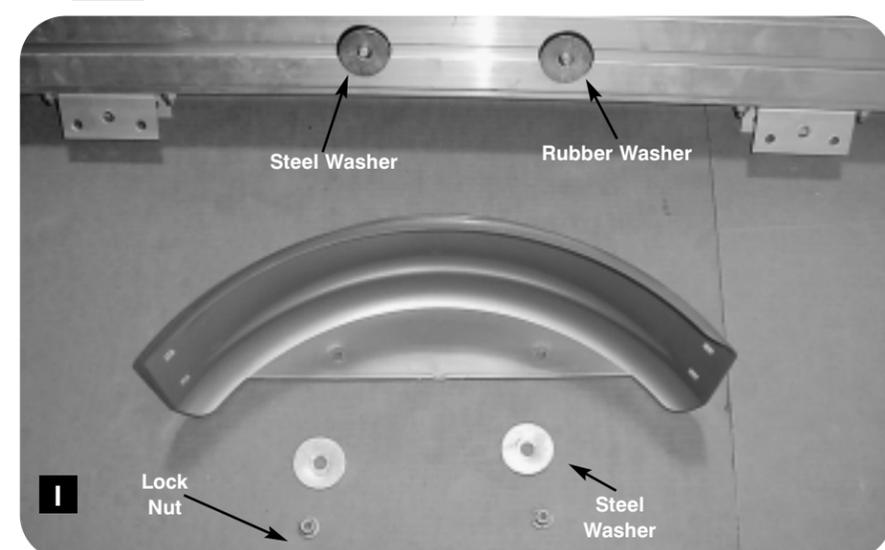
## STEP 5

- ❑ Slide front tongue section from front of trailer into tongue brackets on front crossmember stopping approximately where shown in F.
- ❑ Repeat for rear tongue section sliding forward from rear of trailer until tongue is flush with rear crossmember (Shown in G).
- ❑ Install (6) T-bolts in front tongue section and (6) in rear tongue section (2 Per Slot Shown in F) before bringing sections together.
- ❑ Make sure tongue section stays flush with rear crossmember (shown in G).
- ❑ Install side plates and bottom plate (shown in H).
- ❑ Tighten all nuts.

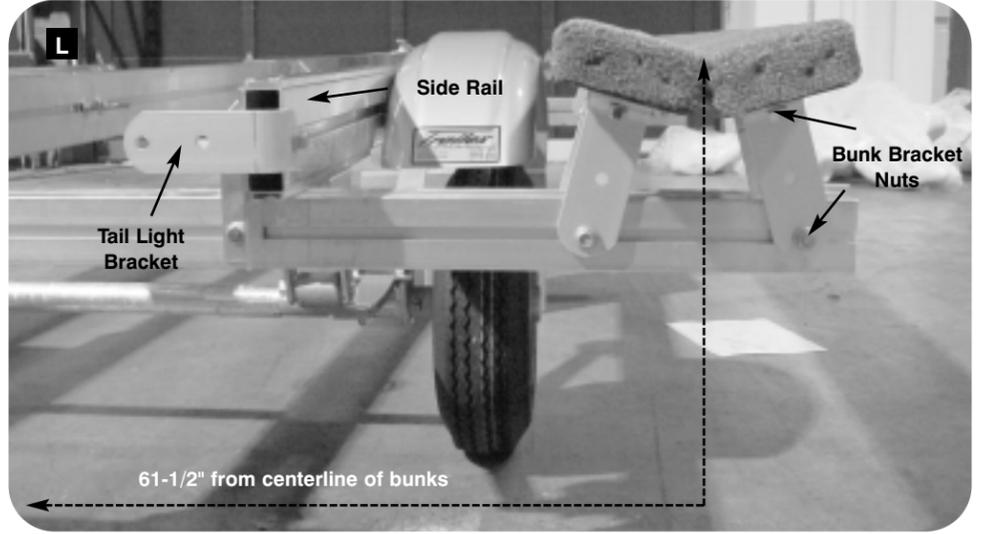
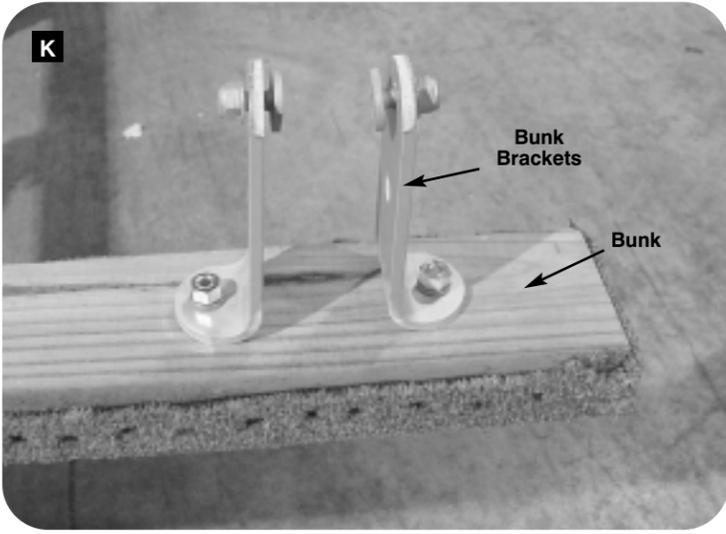


## STEP 6

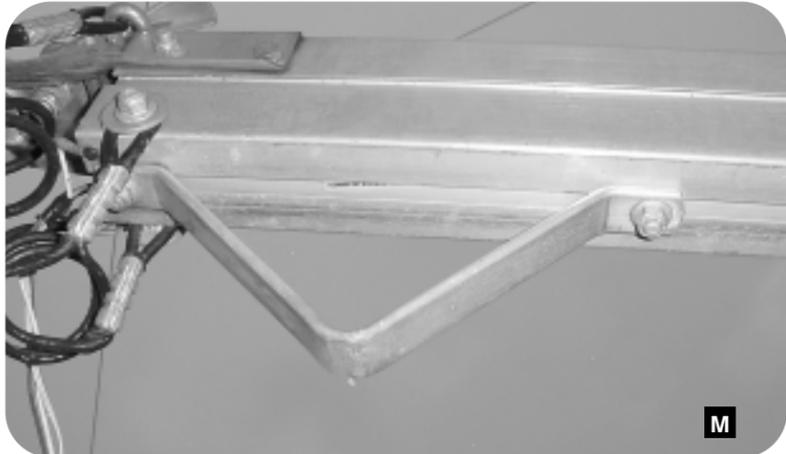
- ❑ Center fender over tire. Start with rubber washer, steel washer, fender, steel washer then lock nut (Shown in I).



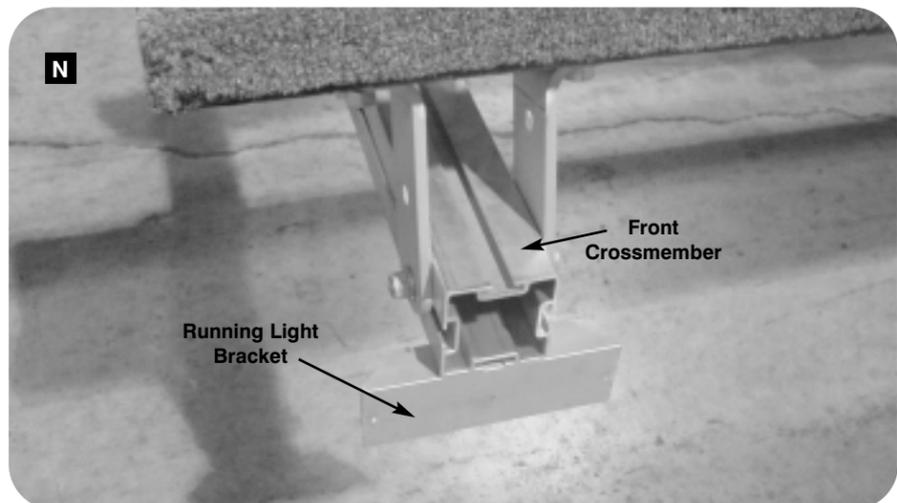
- STEP 7**
- Locate (16) bunk brackets and install loosely on bunks (Shown in K).
  - Install (2) bunks per side (Shown in L). Position at 61-1/2" from centerline of left bunks to centerline of right bunks. Tighten all bunk bracket nuts after boat is on trailer.
  - Install tail light brackets in side rails (Shown in L).



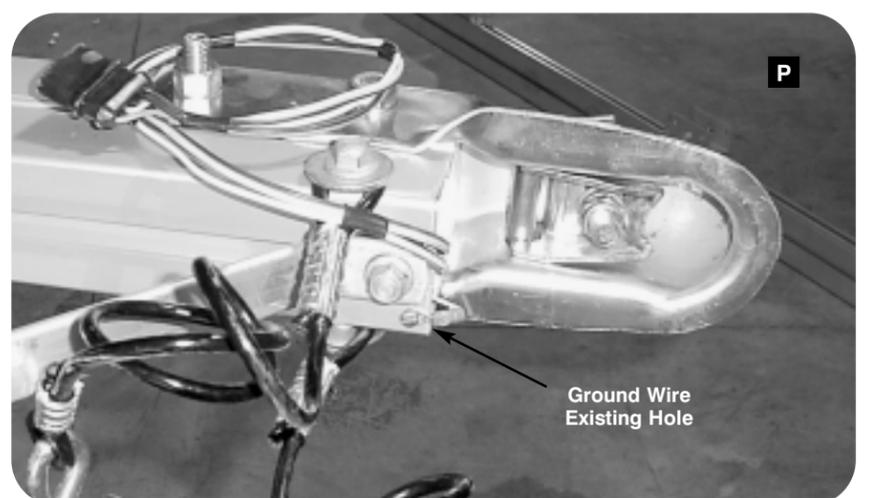
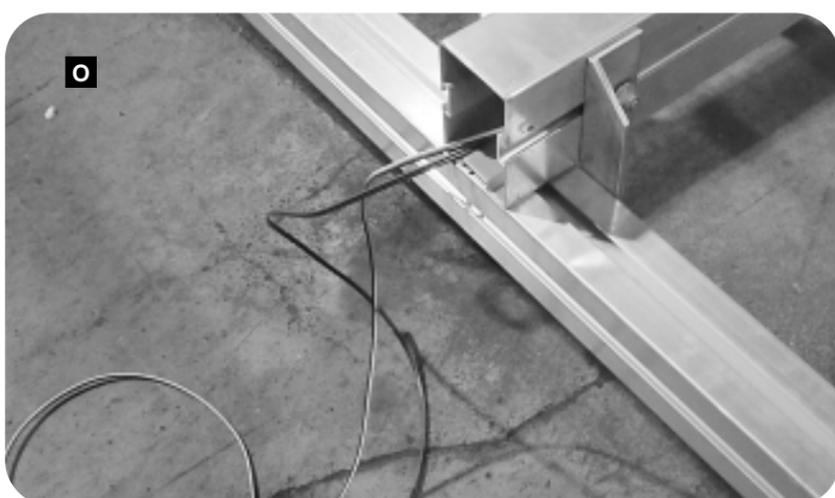
- STEP 8**
- Install tongue skid (Shown in M).



- STEP 9**
- Install running light brackets on front crossmembers (Shown in N).
  - Secure yellow side marker lights and white wires with ring terminals to mounting bracket with screws provided. Check that you do not pinch the brown wire between marker light and bracket. Marker light not shown.



- STEP 10**
- Feed a tape measure through the inside of the tongue from the rear of the trailer to the front. Tape the ends of the wire harness opposite the plug onto the tape measure and retract the tape measure pulling the wires through the tongue to the rear (Shown in O). Leave 3' of wire exposed at the front of the trailer. Remove tape measure from wire harness.
  - Cut 10" off of ground wire (white wire). Strip 1/4" of insulation off of wire end. Install ring end by crimping onto bare wire. Using supplied screw, attach white wire to tongue using existing hole (Shown in P).

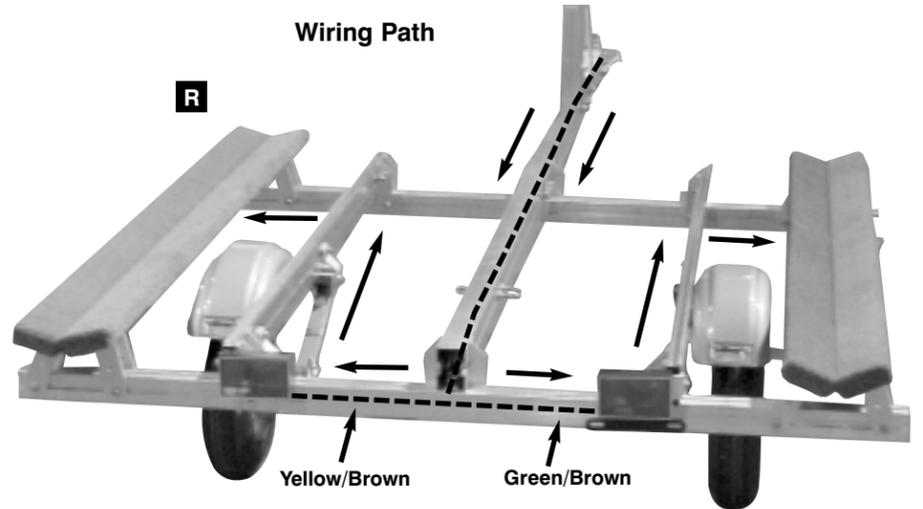
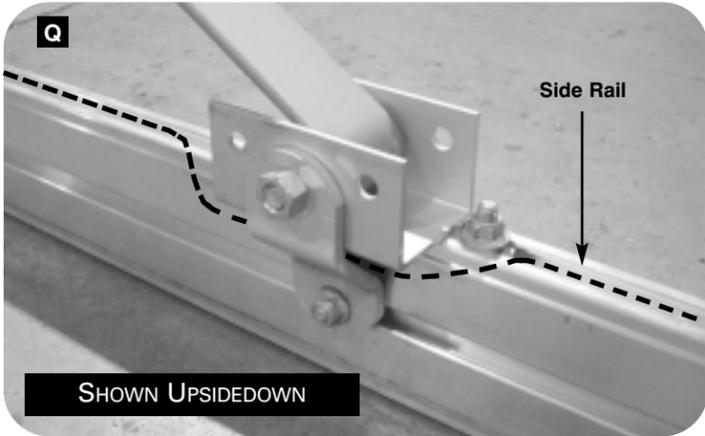


# STEP 11

- ❑ **WIRING PATH:** Start at rear of trailer. Facing rear of trailer, split green/brown to passenger side taillight, and yellow/brown to driver side taillight. Feed harness into bottom slot of rear crossmember to taillights. Pull harness 6" past tail lights, then cut harness (repeat opposite side). Secure wires with pressure sensitive wire clips.
- ❑ To run wire past spring brackets see photo (Shown in Q).

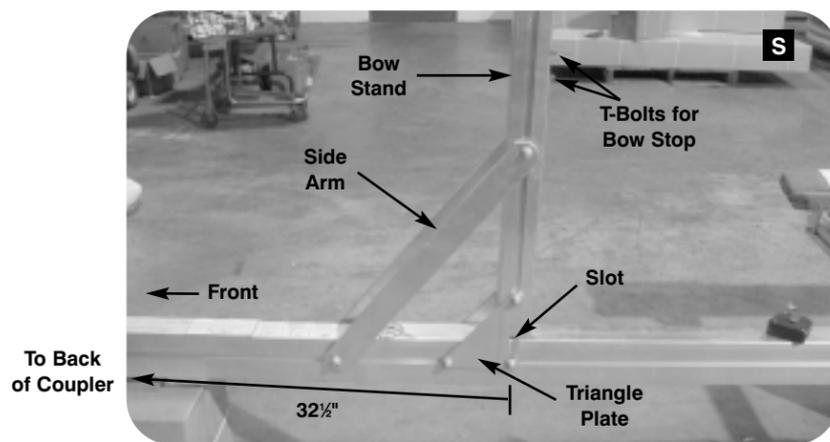
## TAILLIGHT INSTALLATION:

(Shown in R). Slide carriage bolts into grooves on taillights. Yellow wire is in left light - green wire is in right light. Sandwich white ground wire between nut and tail light bracket. Do not over tighten nuts. Pull black tab on taillights and remove light bulb assembly. Strip 1/4" of insulation from wire ends. Attach the green/brown and yellow/brown wires to color matching wires in taillights. Separate green and yellow wires from brown wires of remaining harness (previously cut off). Discard green and yellow wires. Install one end of brown wire to brown terminal in taillights. Run other end of brown wire into bottom slot of side rail. Secure wires with pressure sensitive wire clips. Insure brown wire runs neatly forward to side light. Strip 1/4" of insulation from brown wire and crimp on blue connector (Provided). Insert brown wire from marker light into other side of blue connector and crimp. Crimp ring end to white wire. Install marker light with ring end sandwiched between light and mounting bracket. Repeat other side.

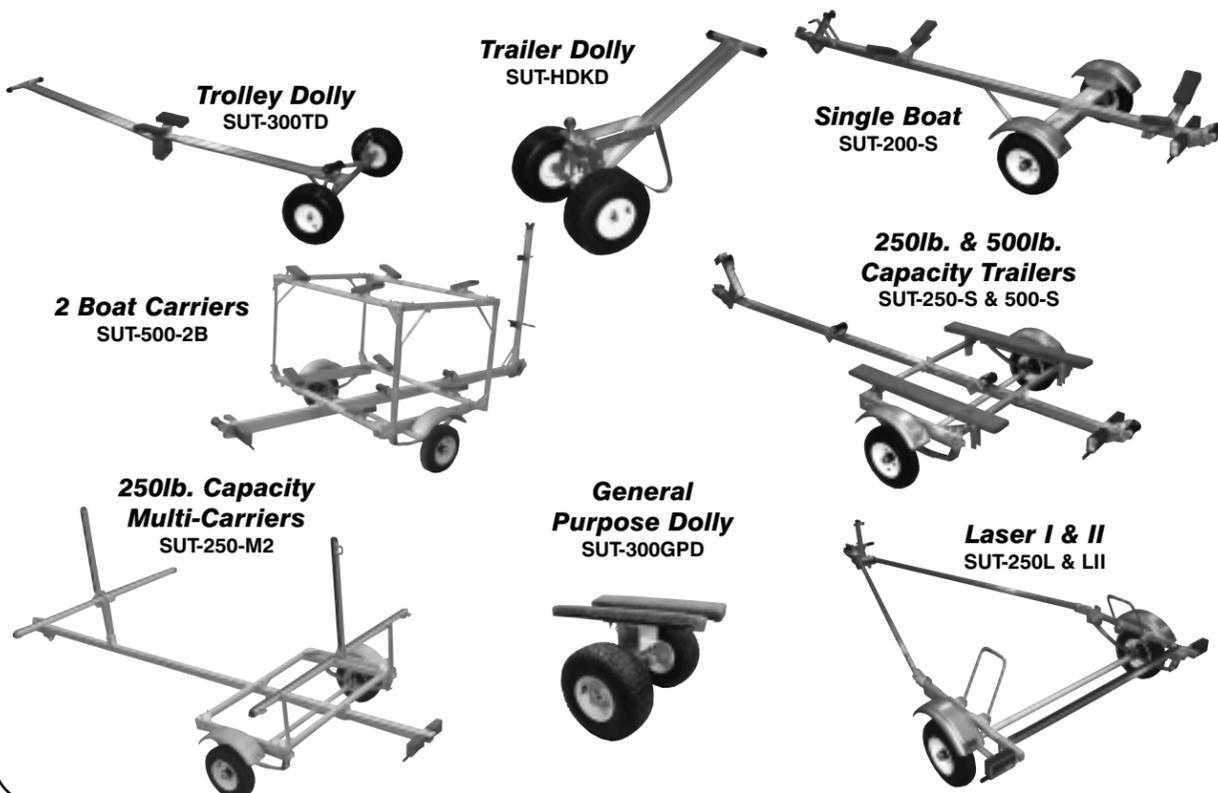


# STEP 12

- ❑ Install triangle plates on front tongue section as (Shown in S).
- ❑ Slide (2) T-Bolts for bow stop in bow stand at location (Shown in S).
- ❑ Loosen side arms from bow stand (secured for shipping) and attach bow stand 32 1/2" from rear of coupler (Shown in S).
- ❑ Attach bow stop to two T-Bolts previously installed (Shown on Exploded Drawing).



## Other SUT Products Available - All Products are UPS-able



### TRAILLEX SUT PRODUCT LINE PRODUCT WARRANTY

Traillex Incorporated, 1 Industrial Park Drive, Canfield, OH 44406, states that this Warranty is designed and intended to fully comply with the requirements of Magnuson-Moss Warranty Act and all the Regulations issued by the Federal Trade Commission in connection therewith. It is not intended to violate any applicable State Law or Regulations containing more stringent requirements.

I. Duration  
This warranty is given and extends for a period of one year (three hundred and sixty-five days) from date of original purchase. The implied Warranty of merchantability and fitness for particular purpose as set forth in this Warranty. Traillex Incorporated's obligation shall be limited to repairing or replacing defective parts at its factory at 1 Industrial Park Drive, Canfield, OH 44406, telephone number (330)533-6814, or at any authorized dealers. Any part or parts covered by this limited Warranty shall, within the one year (three hundred and sixty-five days) period hereinbefore specified, be returned to it with transportation prepaid and which, upon examination by Traillex Incorporated or an authorized dealer, show to have been defective. This Warranty extends to the original purchaser only and those protected by existing law and is not transferable.

II (A) Coverage  
Traillex Incorporated warrants its products to be free of defects in material and workmanship under normal use and with reasonable care and maintenance, and under such conditions as set forth in this Warranty. Traillex Incorporated's obligation shall be limited to repairing or replacing defective parts at its factory at 1 Industrial Park Drive, Canfield, OH 44406, telephone number (330)533-6814, or at any authorized dealers. Any part or parts covered by this limited Warranty shall, within the one year (three hundred and sixty-five days) period hereinbefore specified, be returned to it with transportation prepaid and which, upon examination by Traillex Incorporated or an authorized dealer, show to have been defective. This Warranty extends to the original purchaser only and those protected by existing law and is not transferable.

III. Exclusions  
This Warranty specifically does not cover:  
(a) Expendable items including tires, cables, ropes, lines, brakes, tie downs, etc.  
(b) Cost of repairs made other than by Traillex Incorporated or an authorized dealer.  
(c) Products which shall have been repaired or altered by other than Traillex Incorporated or an authorized dealer.  
(d) Products which shall have been subject to negligence or accidents or damage by circumstances beyond the company's control, or by improper operation, over-loading beyond stated capacity, maintenance or storage, or were used other than the normal use of service for which the trailer is intended.

(e) With respect to any component of the products covered by this Warranty which shall not be actually manufactured by Traillex Incorporated, the Warranty extended to the purchaser or claimant shall be limited to the Warranty extended by the manufacturer.  
(f) Traillex Incorporated does not undertake responsibility to any purchaser of its products for any undertaking, representation or Warranty made by the dealers or third persons selling its product, beyond the Warranties herein expressed.  
(g) Purchase of other acceptance of the products by any claimant under the Warranty provisions shall be on the condition and agreement that Traillex Incorporated shall, under no circumstances, be liable for any direct, indirect, consequential, contingent or incidental damage of any kind or nature whatsoever, including, but not limited to damage to any personal property or real property of the purchaser or others resulting from any breach of this limited one year (three hundred and sixty-five days) Warranty.

(h) Warranty voided if load equalizer type hitch is used.  
(i) Warranty void if assembly instruction requirements are not precisely followed  
IV. Claim Procedures  
To make claim under this Warranty, write or call directly to Traillex Incorporated, 60 Industrial Park Drive, Canfield, OH 44406, Telephone Number (330)533-6814, identifying the trailer by serial number and giving its location. The company will give instructions within the (10) days following receipt of said claim. Traillex Incorporated will exert its best effort to repair or replace the part or parts if found to be defective within the terms of this Warranty, within (60) days after notification of the claim. In addition to the provisions of this Warranty, the retail purchaser has available the legal remedies provided by the Magnuson-Moss Warranty Act, Public Law 93-627, 88 Stat. 2183-2193, U.S. Code, Secs. 2301-2312, and any applicable State statutes.  
(j) Void if weight limit of vin tag is exceeded.

## Warranty



P.O. Box 553 • 1 Industrial Park Dr.  
Canfield, OH 44406-0553  
Phone: (330) 533-6814  
Fax: (330) 533-9118



Additional Trailers and information can be seen from  
our web site at: [www.traillex.com](http://www.traillex.com)

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Traillex reserves the right to discontinue models at anytime, change price, specs, or design without notice and without obligation.