

# Traillex

## SPORT UTILITY TRAILERS

### SUT-450-I

#### 450 LB. CAPACITY

#### TRAILER

#### Assembly Instructions



SUT-450-I



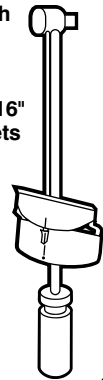
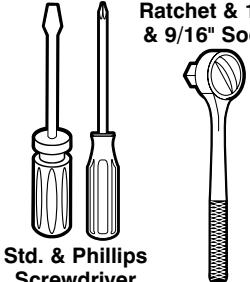
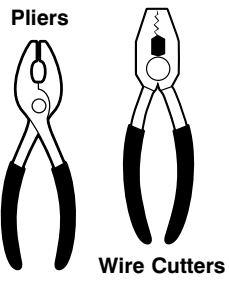
\*For Soft Bottom Inflatables

#### 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

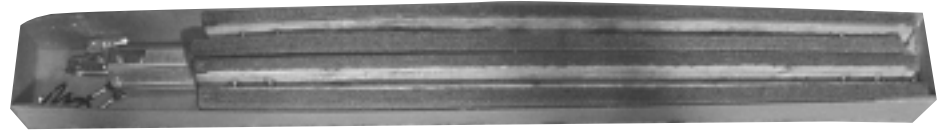
#### SUGGESTED TOOLS



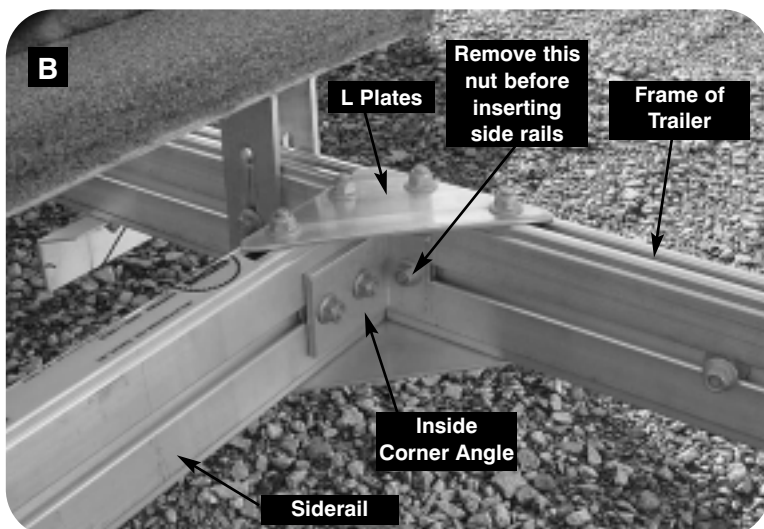
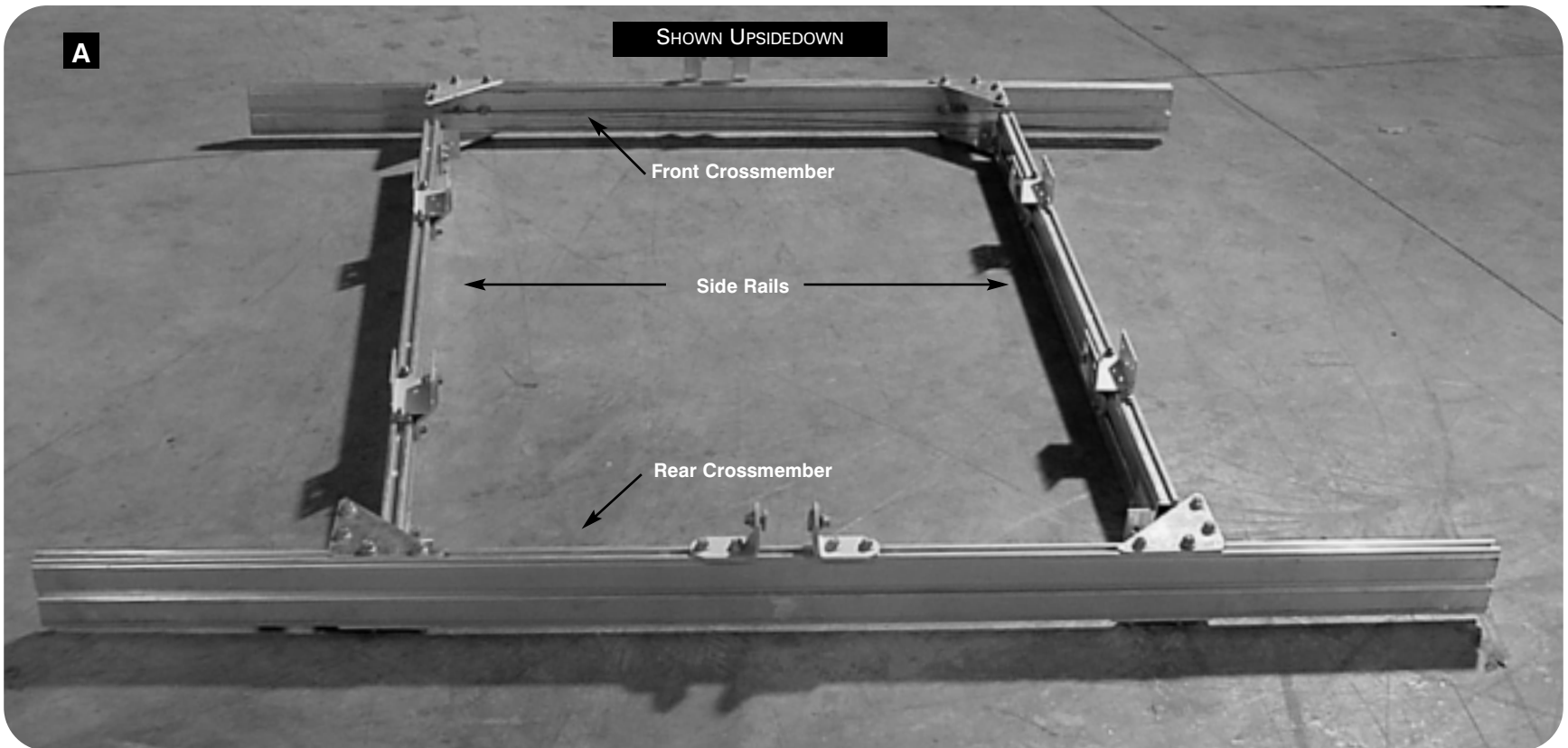
#### STEP 2

#### 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.

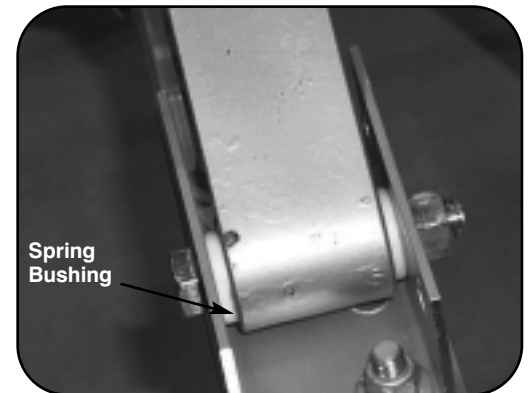
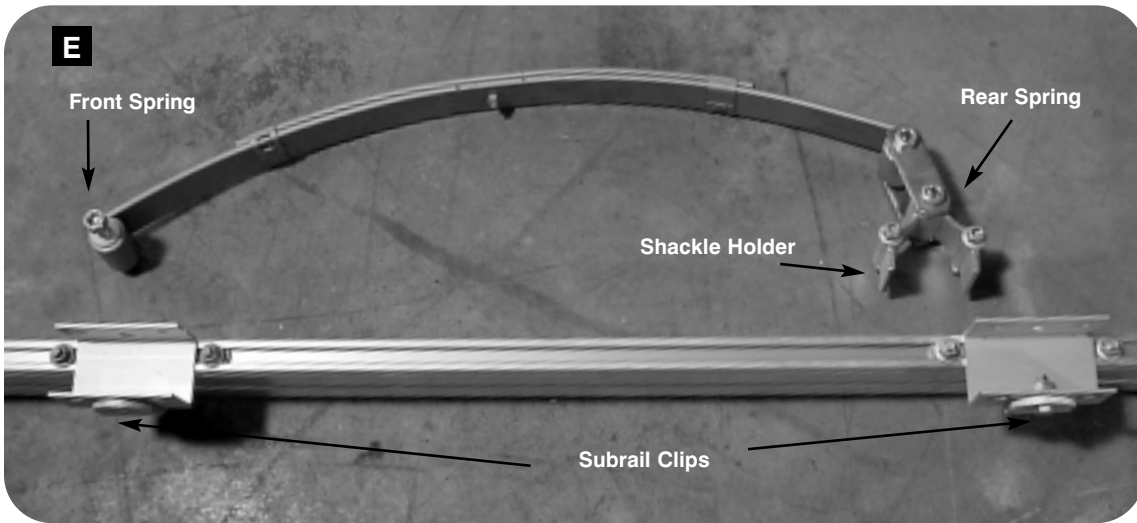
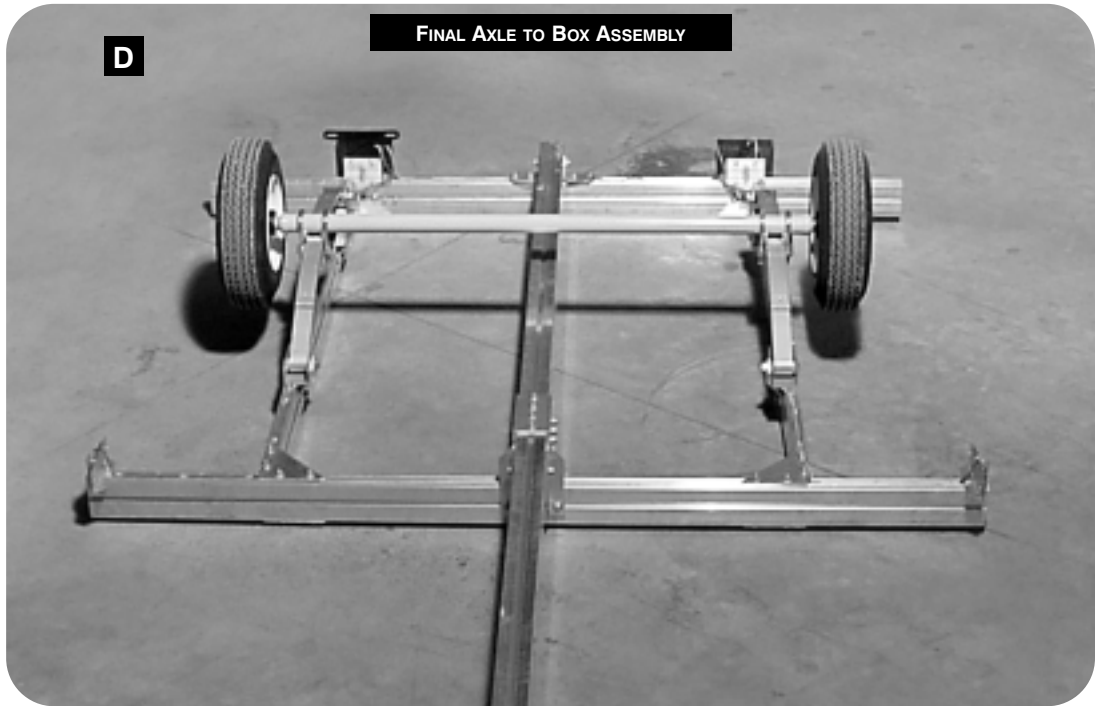
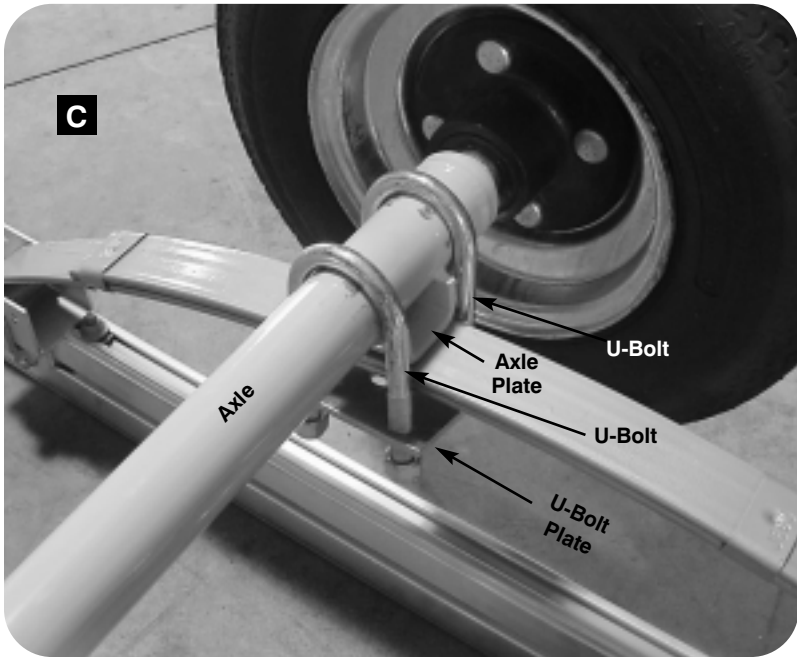


- #### STEP 3
- ☐ Layout Frame (Box) Assembly (Shown in A). Remove nuts (Shown in B) one at each of four corners. Slide side rails with inside corner angles attached into T-Bolts in L Plates. (Shown in B)(Repeat for remaining corners). Square up all four corners and tighten bolts.



## STEP 4

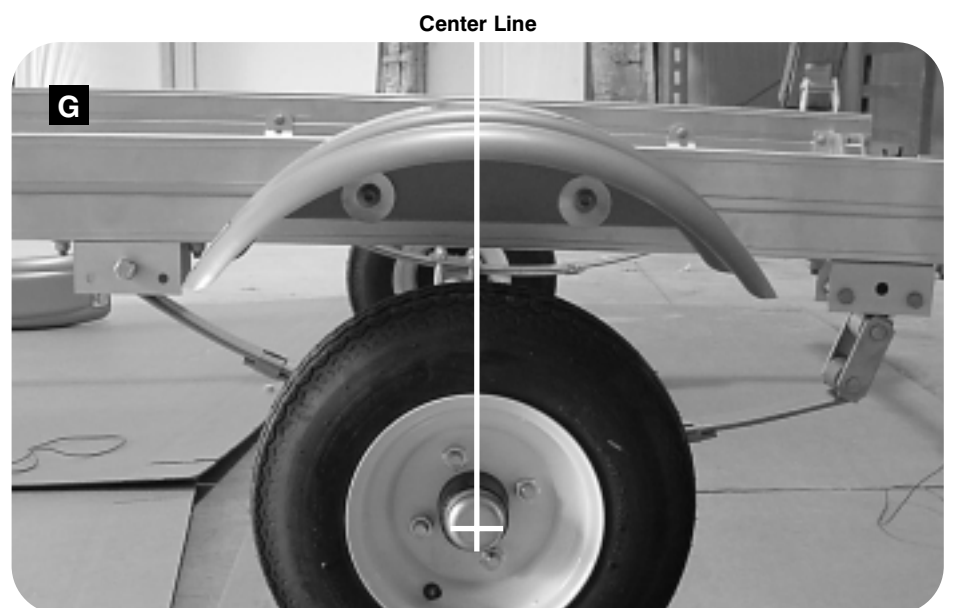
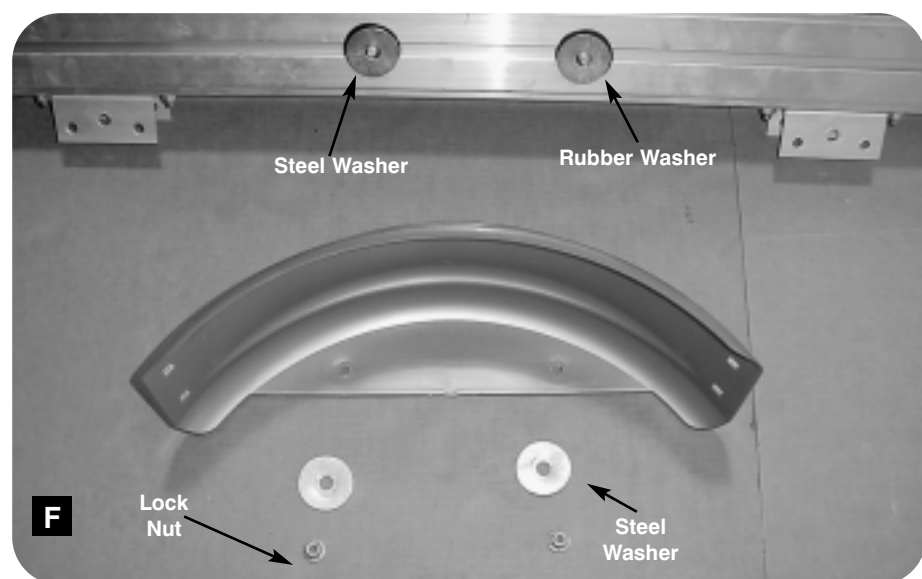
- ❑ Attach front of spring to center hole in subrail clip, (Shown in E). All bolts face inward with nuts on the inside of trailer. (Go to inset for detail). Attach shackle holder to rear subrail clip, using 2 outside holes. (Bolts contained in spring and shackle holder). Then tighten shackle bolts. Repeat other side.
- ❑ Lay axle on spring. Line up hole in axle plate with bolt in spring. Attach two U-Bolts, 1 Plate, 4 Lock Nuts - (Shown in C). Tighten U-Bolt nuts to 80 ft. pounds. Then go back and tighten spring bolts. Final assembly of axle to frame (Shown in D).
- ❑ Attach tires to hubs with lug nuts. (Torque bolts to 80 ft. pounds).
- ❑ TEST: With trailer right side up, assembled on ground put pressure on trailer frame and observe movement in spring shackle, spring and axle. If shackle stays firm, loosen counter clockwise 1/4" turn - until shackles move.



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

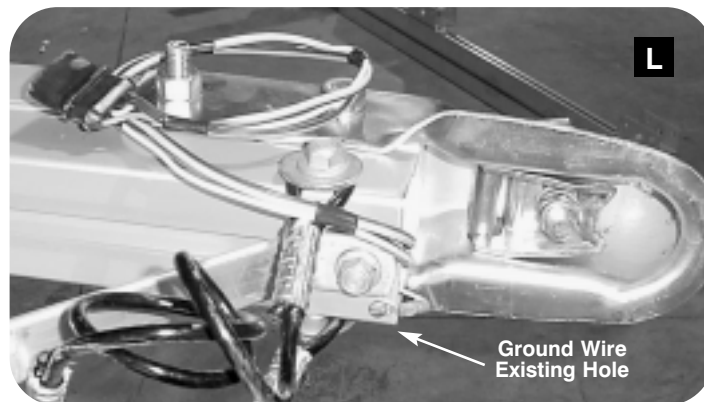
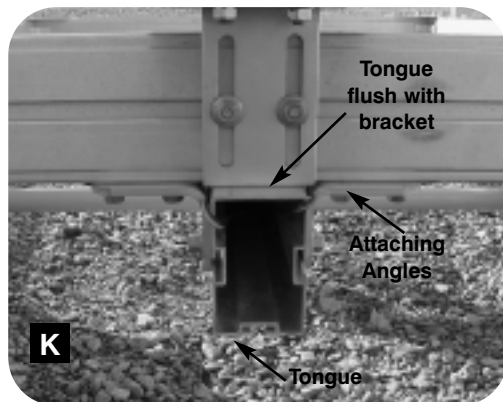
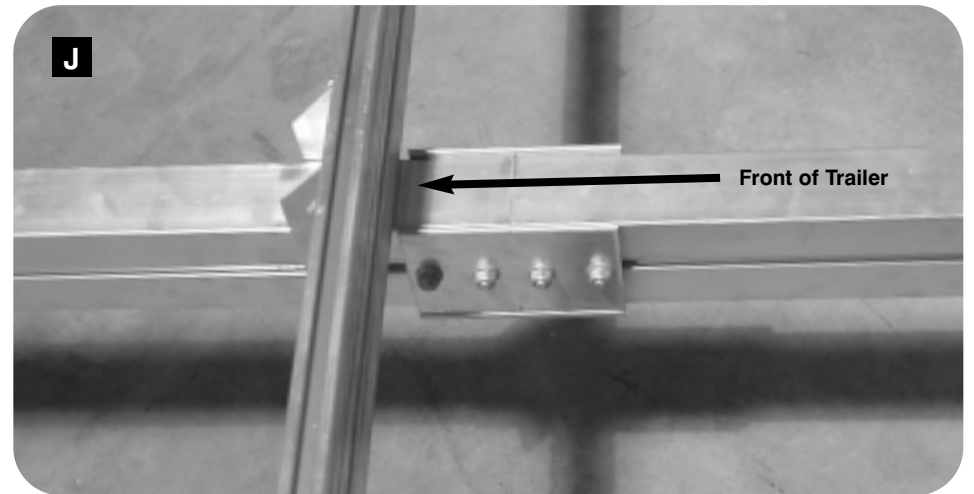
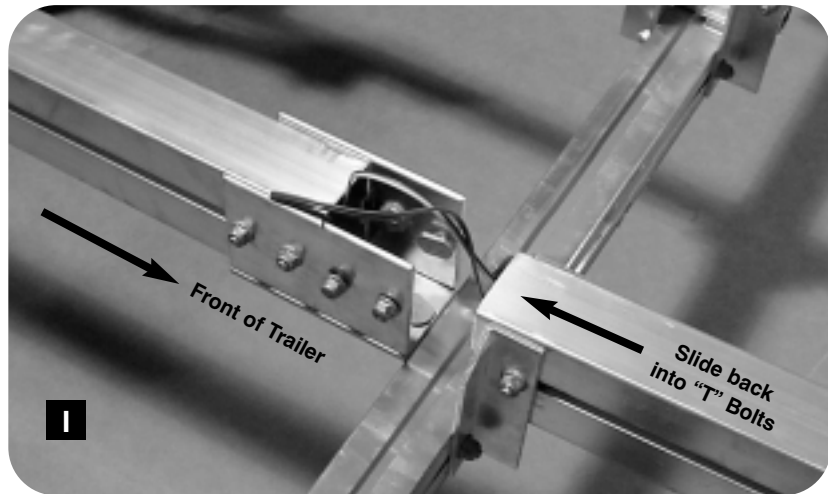
## STEP 5

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



**STEP 6**

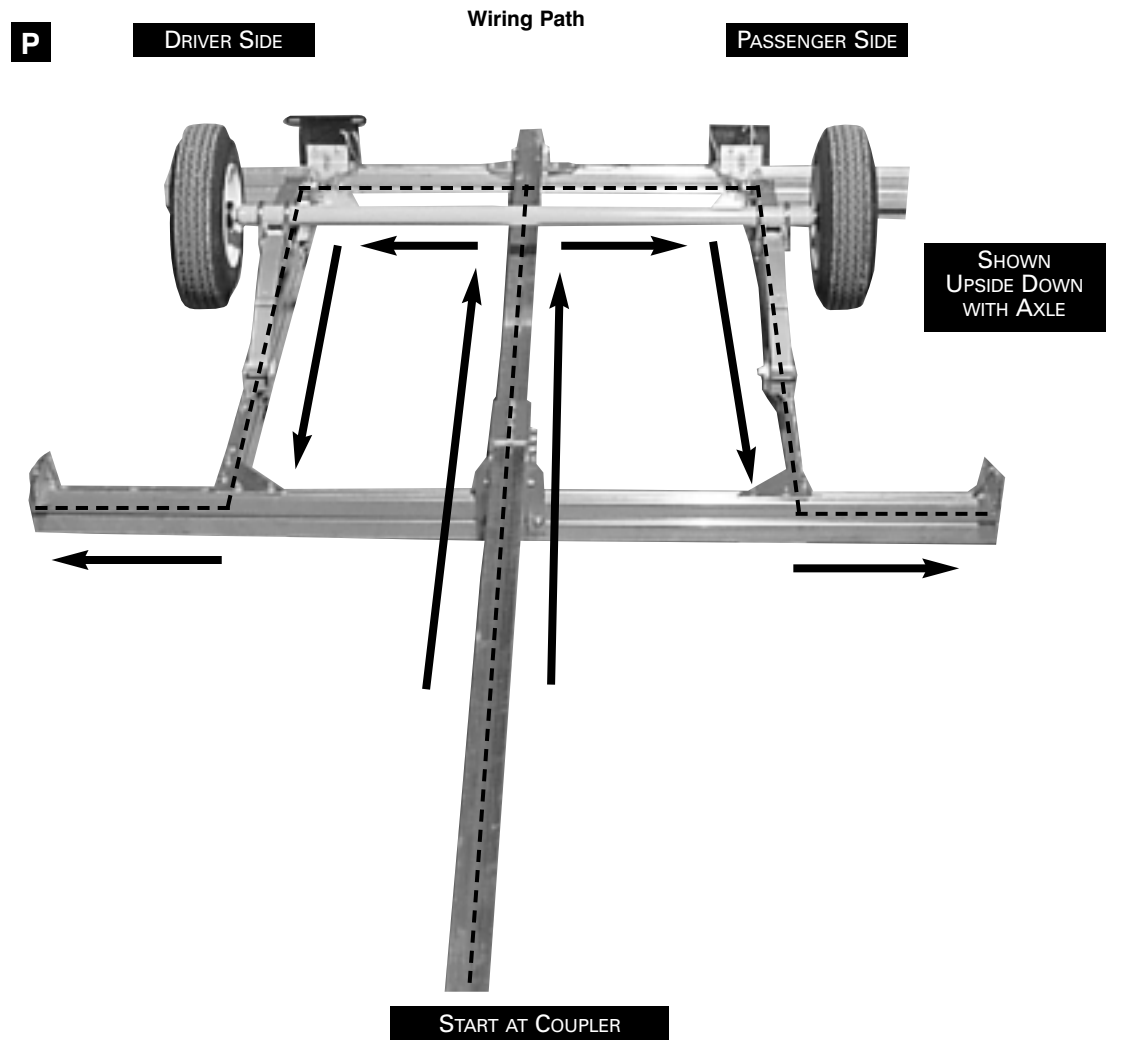
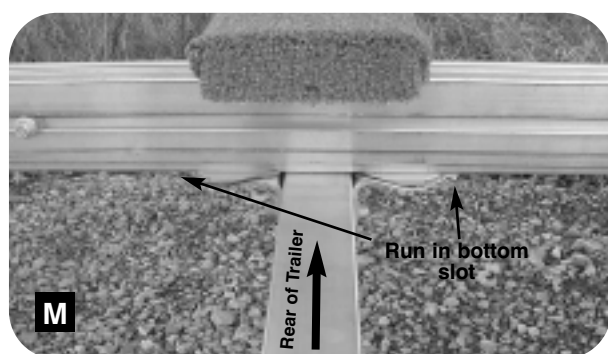
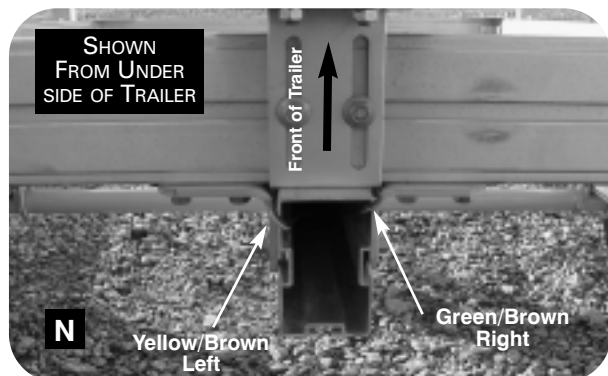
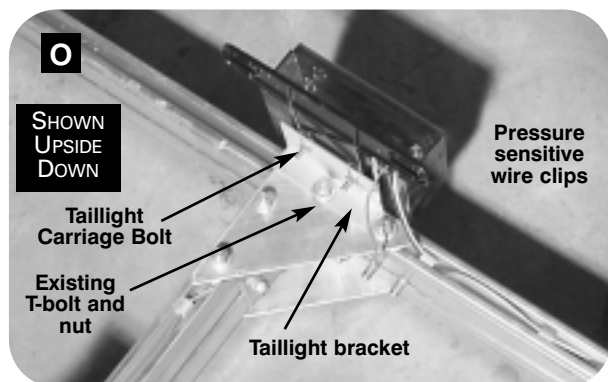
- ❑ With wiring harness halfway through tongue (Shown in I) push harness to the rear of the tongue. (Use tape measure, etc. to assist in pulling harness to rear of tongue)
- ❑ Put 4 "T" bolts in bottom slot of rear tongue section. Slide 2 "T" bolts on each side splice plate (Shown in I). Tighten side plate bolts. Put bottom plate on 4 "T" bolts (Previously installed). Start nuts and slide bottom plate using side plates for alignment. **IMPORTANT:** Tighten all 12 nuts at this time.
- ❑ Finished tongue splice (Shown in J). Rear of tongue will be flush with rear of rear attaching angles(Shown in K).
- ❑ 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 L).

**STEP 7**

- ❑ **WIRING PATH:** Starting at rear of trailer. Facing rear of trailer, split green/brown to passenger side taillight, and yellow/brown to driver side taillight. Feed harness under attaching angles, then 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. (Shown in N & M)

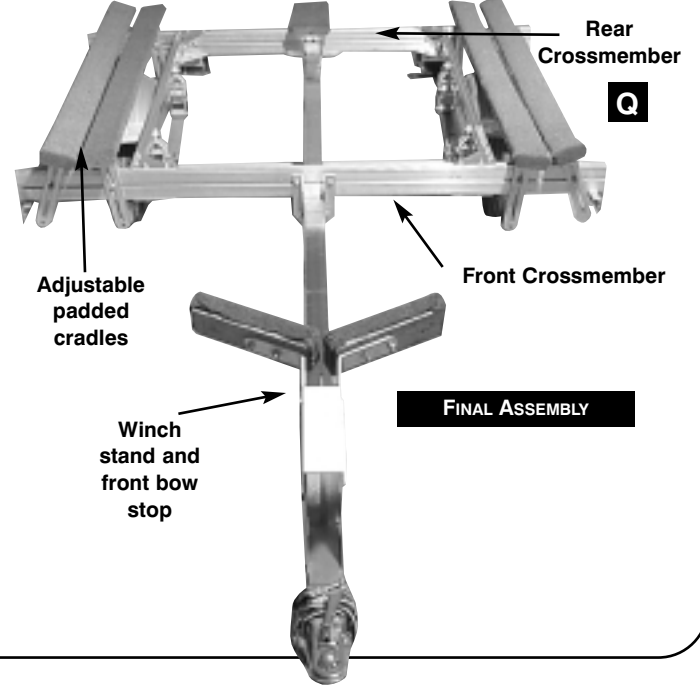
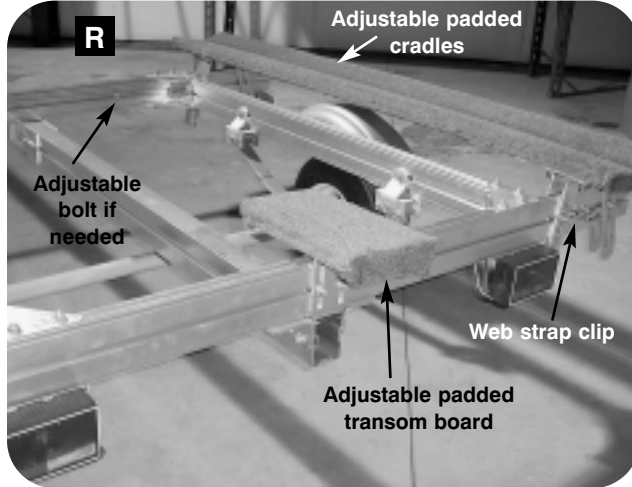
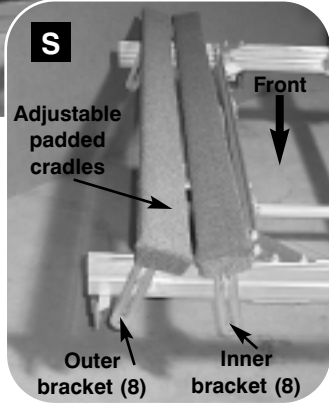
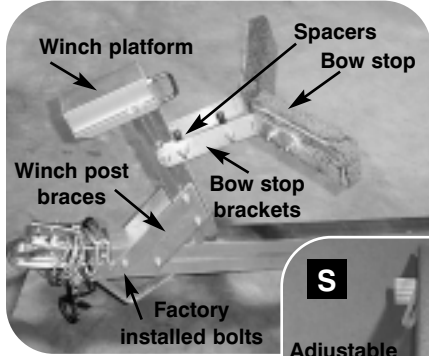
**TAILLIGHT INSTALLATION:**

Install taillight brackets using existing T-Bolt and nut in L plate. (Shown in O). Slide carriage bolts into grooves on taillights. 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 (this is how you will change bulb when needed). 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.



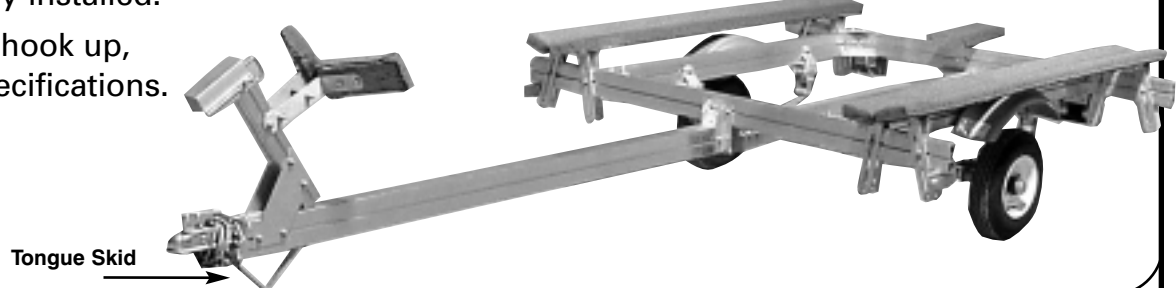
# STEP 8

- PADDED CRADLES - TRANSOM BOARD - WEB STRAP CLIPS FRONT BOW STOP:** This is final assembly (Shown in Q) - Start with transom board. Slide transom board w/2 T-bolts in rear slot of rear crossmember. (Center over tongue).
- PADDED CRADLES -** Start with 8 inner brackets (angles point up and outward) slide on with T-bolts supplied. (Shown in S). Next: Slide on 2 web strap clips into rear slot of rear crossmember (1 left, 1 right). (Shown in R) Then: Slide 8 outer brackets (angles point up and outward) with T-bolts supplied. (Shown in S). With all 16 (8 inner/8 outer) brackets in place you can now mount padded cradles. Remove nuts and lock washers, lay pads on flat angle of brackets. Tighten using lock washers and nuts. \*Extra T-bolts (factory installed) for narrow padded cradle setting.
- WINCH STAND AND FRONT BOW STOP -** Using 4 bolts (factory installed) attach winch past braces to tongue. Slide bow stop brackets on winch plate for assembly. Then slide assembly to winch past brackets. Bolt bow stop cradles to bow stop brackets. Put bolts and spacers through bar stop brackets (DO NOT OVER TIGHTEN).



# STEP 9

- FINAL FIT:** Make sure all 4 padded cradles support tubes (center tubes in "V" of padded cradles). Adjust rear transom board to support transom. Slide front bow stop assembly to contact bow of boat. Use front web strap to secure bow of boat. Use 2 rear web strap clips for tie down (supplied). \* Slide tongue skid on bottom slot of tongue with bolts factory installed.
- SECURE:** boat to trailer, check coupler hook up, check lights, and all bolt/nut torque specifications.



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

**Trailer Dolly**  
SUT-HDKD



**3-Bike Rack**  
SUT-BR-3



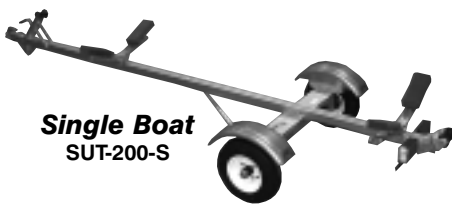
**General Purpose Dolly**  
SUT-300GPD



**Trolley Dolly**  
SUT-300TD



**Single Boat**  
SUT-200-S



**Inflatable**  
SUT-450-I



**Catamaran**  
SUT-450-C



**250lb. & 500lb. Capacity Multi-Carriers**  
SUT-250-M & 500-M



**Laser I & II**  
SUT-250L & LII



**250lb. & 500lb. Capacity Trailers**  
SUT-250-S & 500-S



### 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 are limited to the duration of this Warranty - one year (three hundred and sixty-five days). After said one year (three hundred and sixty-five days), Traillex Incorporated expressly disclaims any Warranty of merchantability or fitness for any purpose.

**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



**SUT-450-I for Soft Bottom Inflatables**  
Additional Trailers and information can be seen from  
our web site at: [www.trailex.com](http://www.trailex.com)

**Made In U.S.A.**