

MALONE®

****ATTENTION CUSTOMERS****

Thank you for your recent purchase of a Malone trailer.

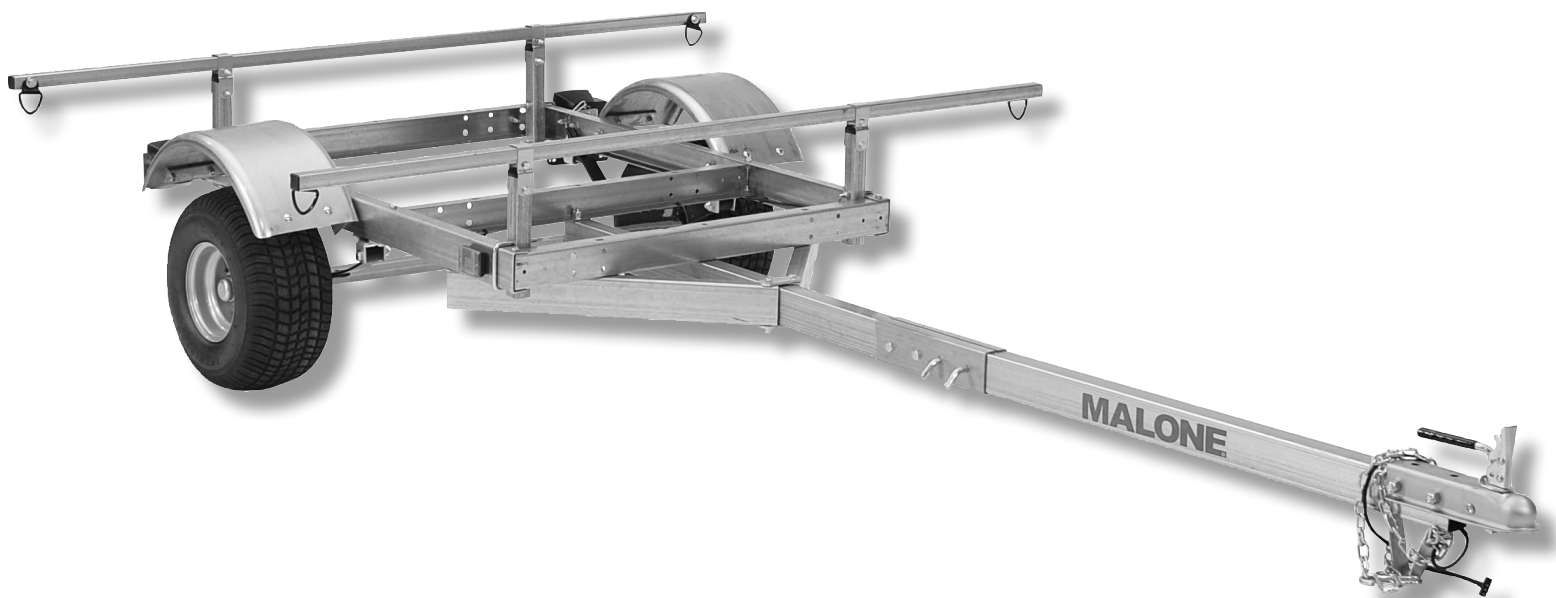
Please inspect all parts and hardware bags prior to assembly.

*****Set the large red envelope (in the axle box) containing important documents in a safe spot.***

If you encounter damage of any packaging or parts, or find that parts are missing - please email us with photos and your Proof of Purchase at:

Email: support@maloneautoracks.com

Thank you from all of us at Malone



MPG595

CHANGING THE WAY YOU GET THERE

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Important Note

Product Warranty & Registration Form

All information is confidential and used exclusively by MALONE only.

Dear Customer,

Thank you for your purchase of a Malone Product.

In order to be eligible for the Malone Warranty program, we ask that you contact us online at the link provided below: With-in 30 days of purchase. You can also mail this letter back to the address at the bottom.

- Online: <https://maloneautoracks.com/product-registration.php>

We will require the information below.

Here is the information collected:

First Name: _____

Last Name: _____

Address: _____

Address2: _____

City: _____

State: _____

Zip: _____

Country: _____

Email: _____

Phone: _____

Product Description/Name: _____

Product MPG# _____

Date Purchased: _____

Store Where Purchased: _____

Purchase Price: _____

Thank you for choosing Malone!

MALONE AUTO RACKS 81 County Rd. Ste 1, Westbrook, ME 04092
P: 207.774.9100 F: 207.615.0551
E: support@maloneautoracks.com W: www.maloneautoracks.com

CHANGING THE WAY YOU GET THERE

Malone LowMax™ Trailer

Model MPG595 Assembly Instructions



Take a few moments and read through these instructions to familiarize yourself with the step by step assembly process before you begin turning wrenches.

Unpack and sort the components into groups as shown in the following pages.

Then assemble each group in order. Lets get started !!

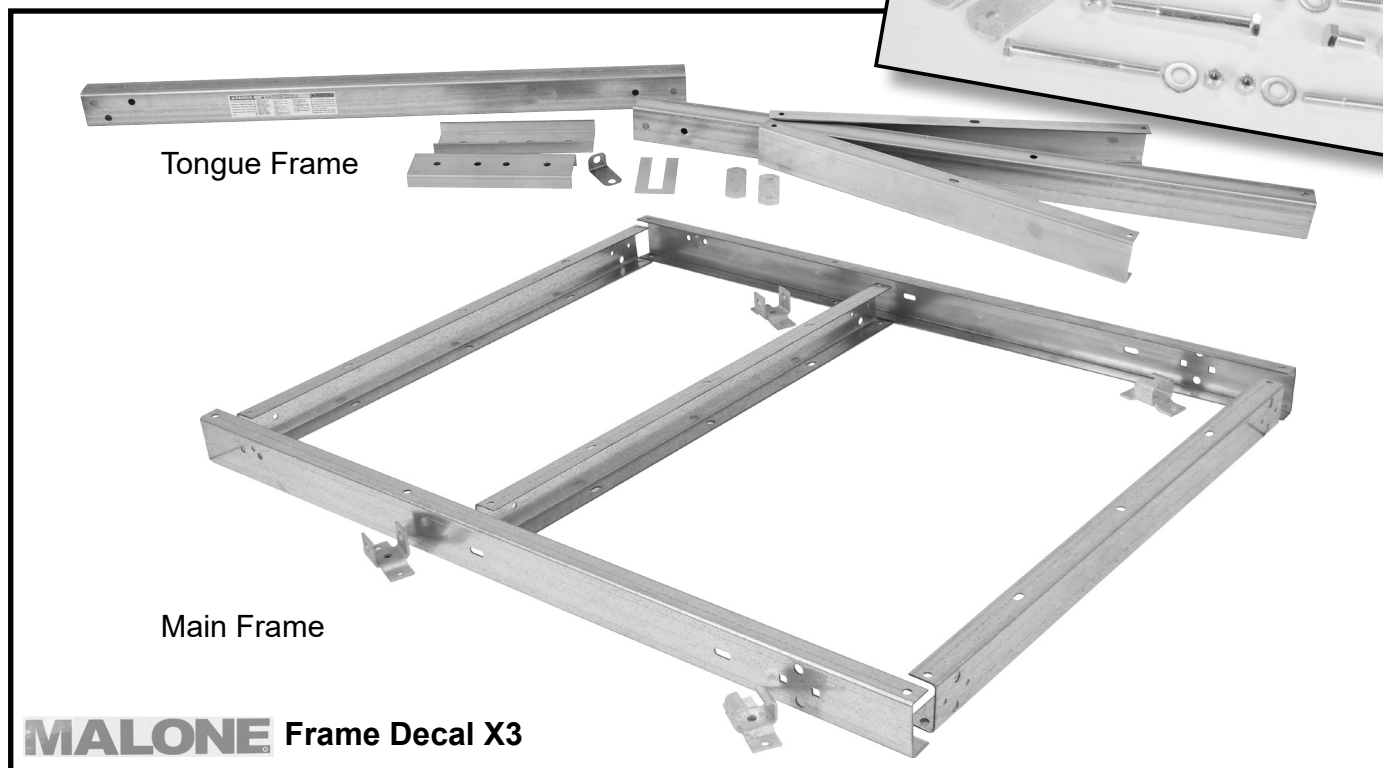
Required Tools:

- (2) 3/4" wrenches • (2) 9/16" wrenches (a deep socket is recommended)
- Large flat blade screw driver • 7/16" wrench • 3/8" wrench and socket
- 13/16" deep socket w/ extension • Rubber hammer

*Visit us at **maloneautoracks.com**
for more fine products and accessories.*

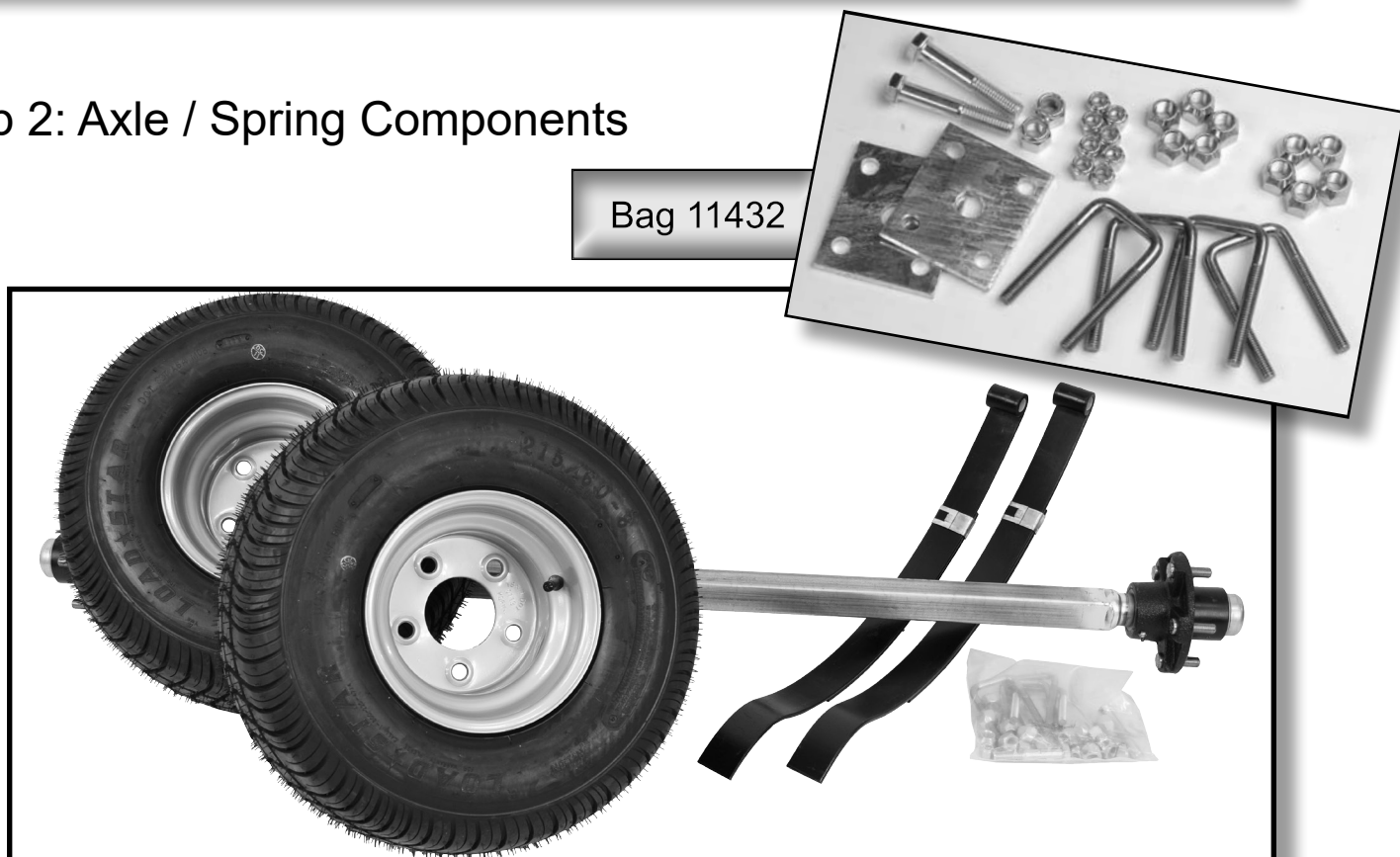
Group 1: Tongue & Frame Components

Bag 11440



Group 2: Axle / Spring Components

Bag 11432



Group 3: Lighting Components



Group 4: Fender Components



Bag 11464

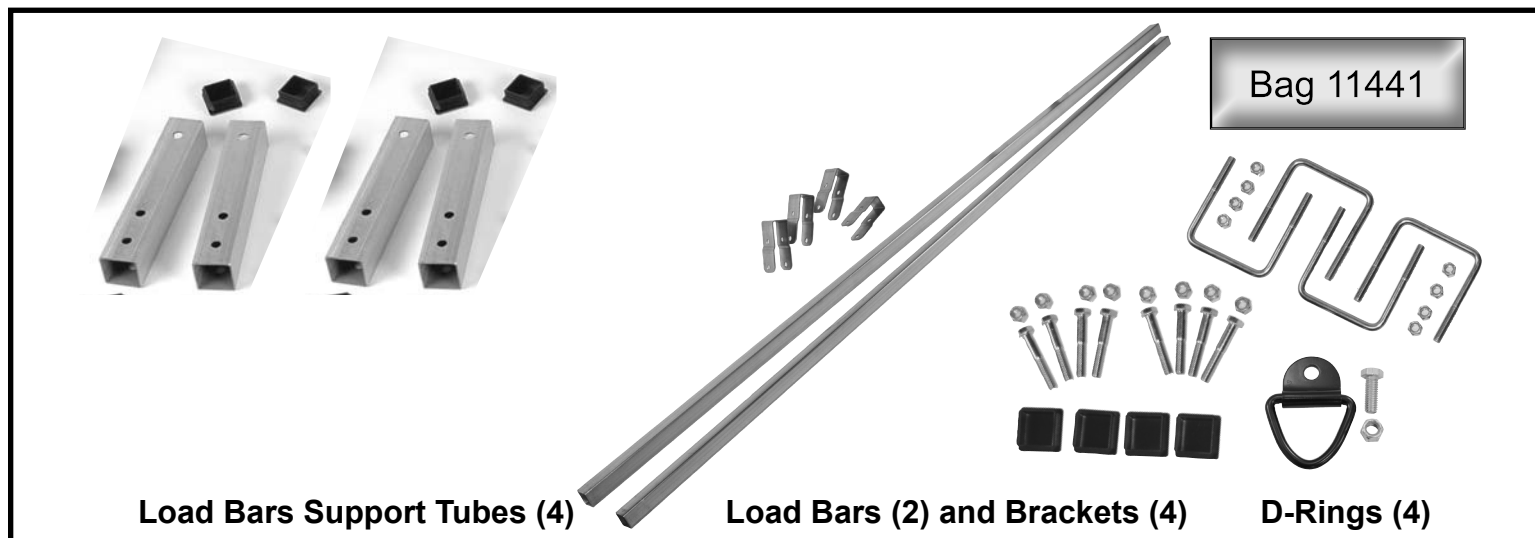
Group 5: Coupler Components



Bag 11494

**Visit www.maloneautoracks.com/Replacement-Parts
for all of your spare part needs**

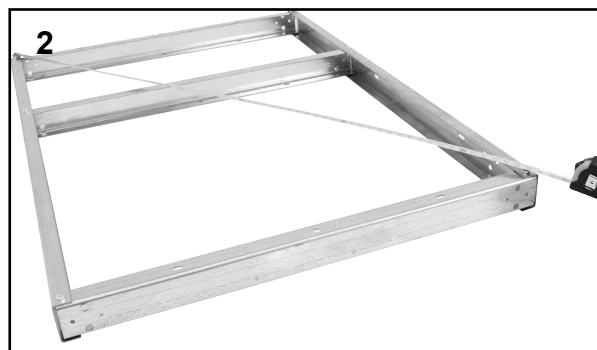
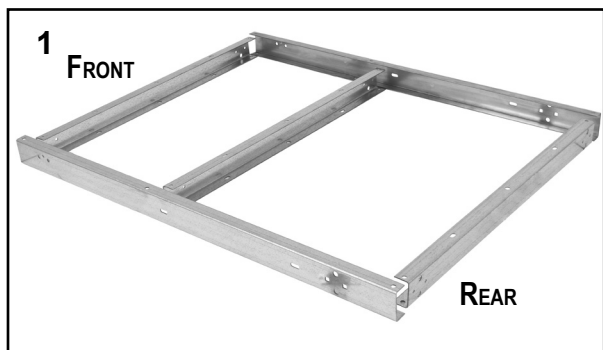
Group 6: Load Bar Components



TONGUE & FRAME ASSEMBLY (Group 1)

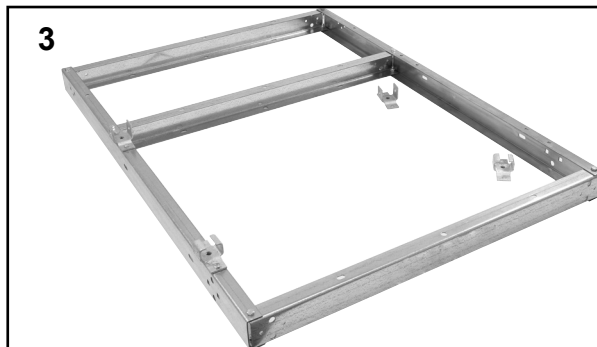
1. We start the assembly of the Main frame first, right side up. Aline all the cross members as shown. NOTE: Direction of 2nd cross member faces rearward and Identify the spring bracket mounting holes on the side rails as they should be facing down. Install the bolts downward from the top and secure with nylon lock nut. **Hand Tighten Only.** See image 1.

Measuring from the rear corners diagonally to the front corners will insure your frame is square (@ 67"). Adjust as needed and **fully secure** the 4 corners along the top side. See image 2.



2. We now flip the main frame **on its back** to make it easier to install the tongue, springs and axle. Once the tongue, springs and axle assembly are installed we will flip the trailer over to complete the assembly.

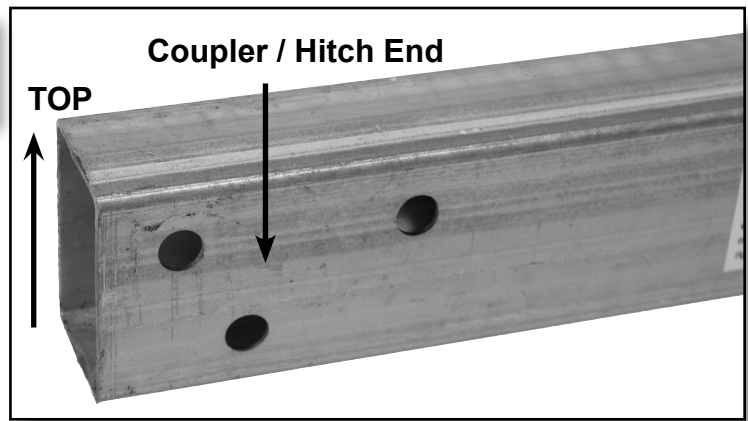
3. With the frame components upside down as shown install the remaining hardware for the cross members, fully tighten the four corners first, again measuring to insure the frame is square. Fully tighten the rear spring hangers and finger tighten the front spring hangers. See image 3.



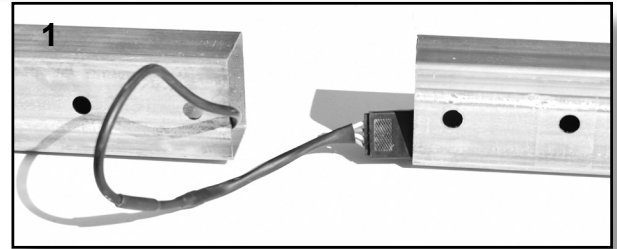
**Visit www.maloneautoracks.com/Replacement-Parts
for all of your spare part needs**

Assemble the tongue

1. The middle of the tongue has symmetrical holes for the joining plates, and you can identify the hitch end of the tongue by the 3 holes on the left (drivers) side for the coupler.

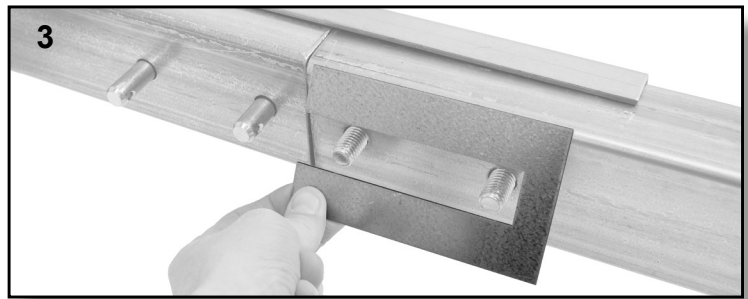
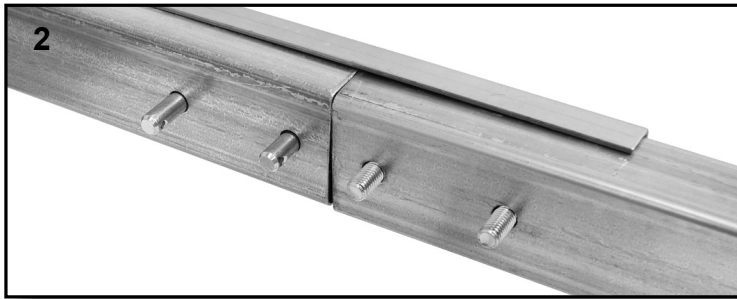


2. Align the tongue half's together and insert the wiring harness through both sections of the tongue, making sure the plug end matches the vehicles connection. The colored pigtails should be towards the rear of the tongue. See image 1.



3. Being careful not to pinch the wiring harness square the tongue half ends together and align a joining plate on one side with the holes in the tongues. Insert mounting bolts (2) in the rear holes and the cotter pins (2) in the front holes. See image 2.

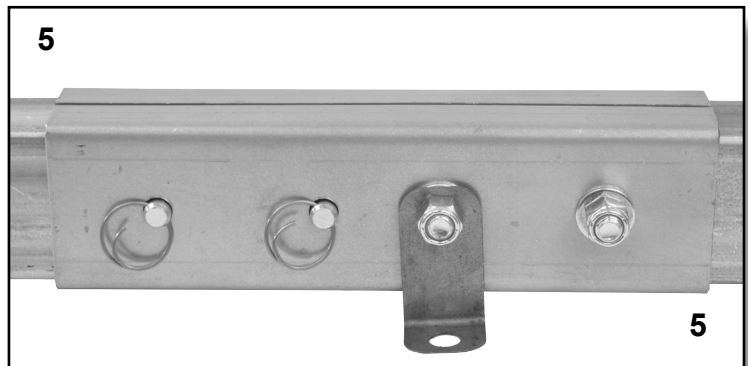
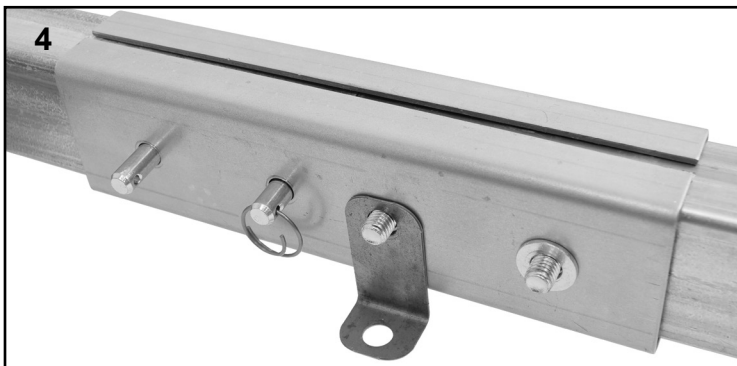
(Note the rear tongue section is symmetrical so it works fine either way. It has no top and bottom.)



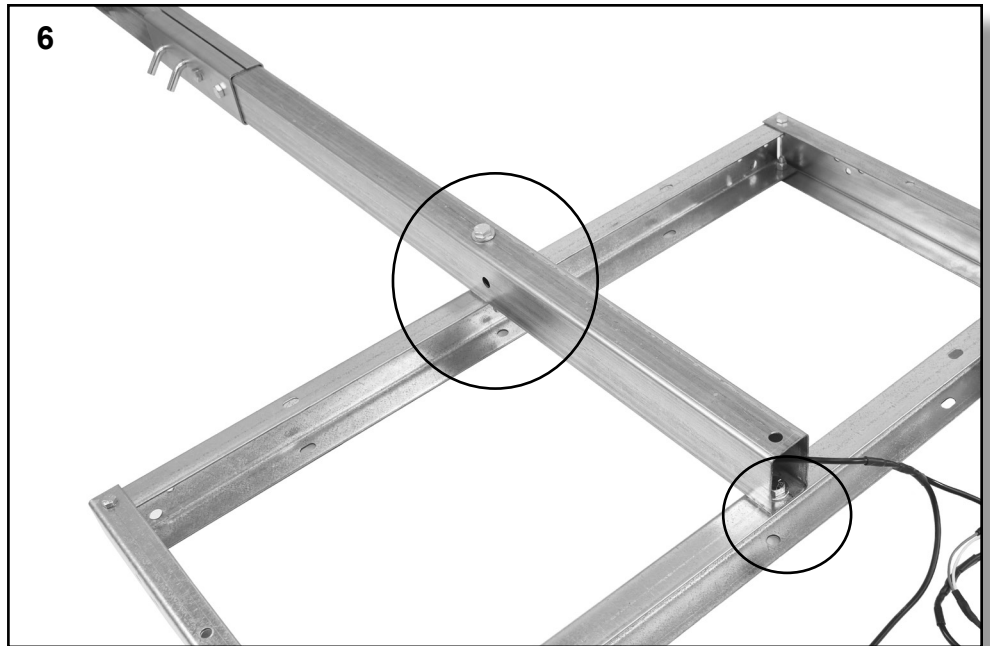
4. Place the tongue shim over the rear bolts as pictured. See image 3.

5. Align the second joining plate over the bolts and cotter pins, sandwiching the tongue shim inside. Add a washer to the rear bolt, hanger bracket on the forward bolt, and the retainer rings through both cotter pins. See image 4.

6. Add the nylon nuts to the bolts and fully tighten the two 1/2" bolts with two 3/4" wrenches on the rear holes (2). See image 5.

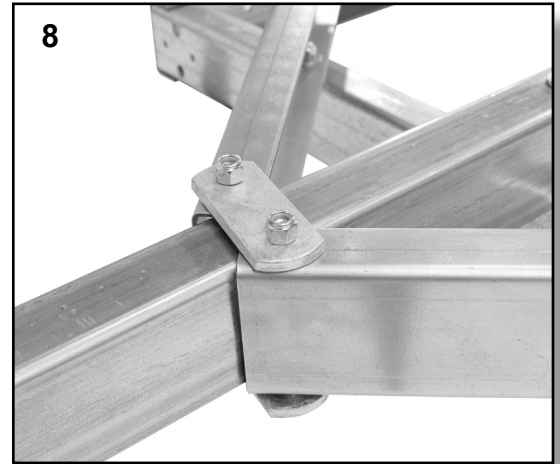
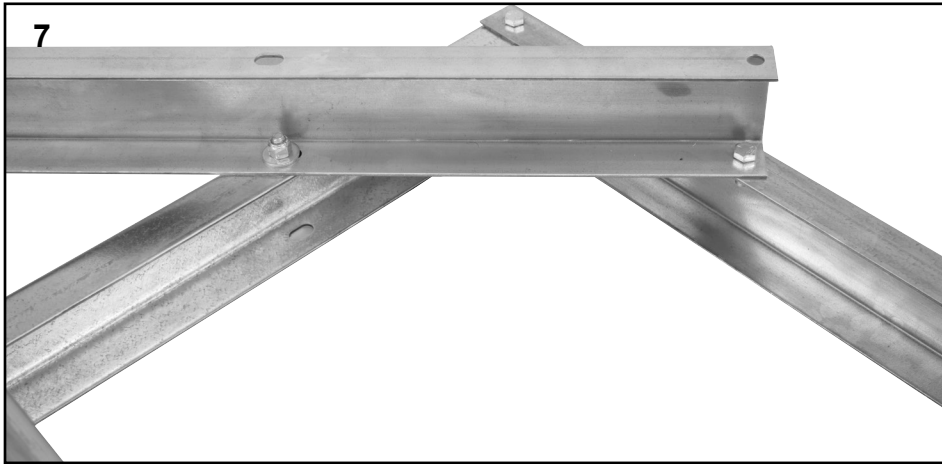


7. Lay the tongue onto the frame, with the coupler holes upside down. Support the end of the tongue so it lays nearly flat on the cross members and install the long 1/2" bolt down through the tongue and front cross member, use a washer under the bolt head, nut and washer inside the cross member and fully tighten. Install the short 1/2" bolt inside the end of the tongue, (washer under the bolt head), nut inside the cross member and fully tighten. See image 6.

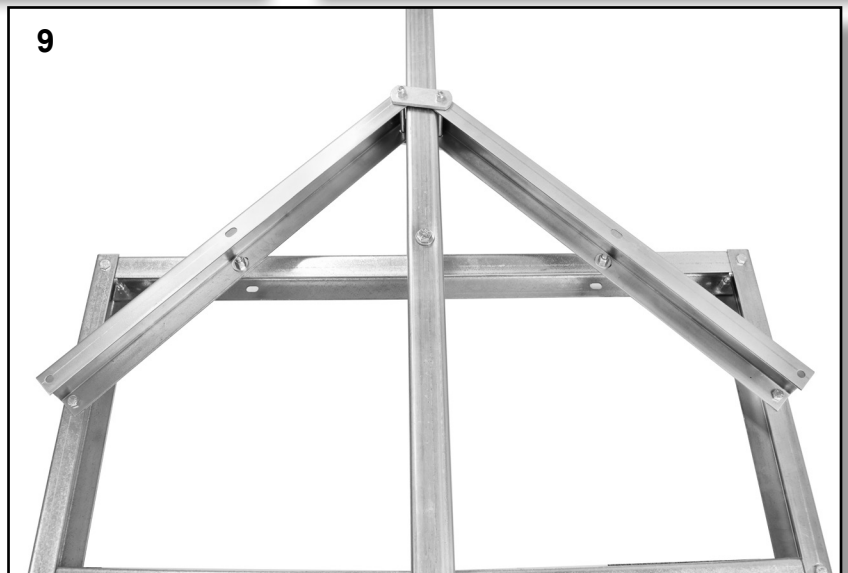


8. Next, using the holes in the front corners of the main frame, mount the tongue frame rails to the main frame first. They should pinch together at the tongue. Use washers on both sides of the larger oval hole. (NOTE: Use 4 washers from hardware bag #11464). Hand tighten only. See image 7.

9. Secure tongue frame rails to the tongue with the flat plates on both sides, and longer bolts. Use 9/16" sockets to secure fully. See image 8.



10. Go back and fully tighten the tongue frame rails to the main frame. See image 9.



SPRING & AXLE ASSEMBLY (Group 2)

1. Set the large red envelope (in the axle box) containing important documents in a safe spot.
2. Spin the axle to find the side with the spring centering holes. These holes mate with the spring center stud.

3. Lay the springs on top the axle with the centering studs in the holes in the axle. Then assemble the U-bolts, tie plates and nuts as shown. **Make sure both springs are facing the same way!**

4. Run each nut down **UNTIL IT TOUCHES THE PLATE ONLY! DON'T TIGHTEN!!**

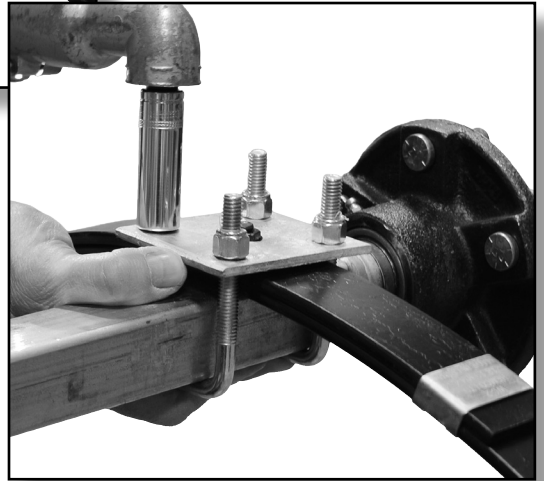
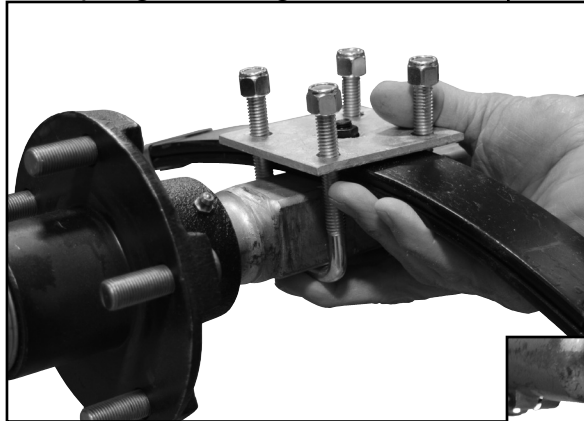
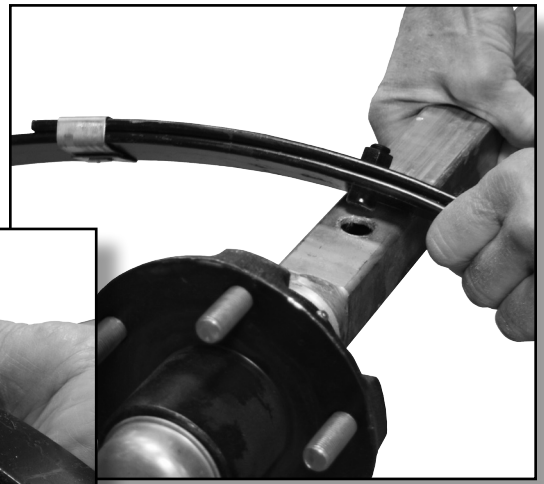
You will need to wiggle the springs to fit them into the spring brackets in the next step.

5. Lift the axle/spring assembly to the trailer frame and slide the slipper spring ends into the slipper spring brackets. Then let the spring eyes down into the front hangers

6. Install the shackle bolts with the nuts to the inside and tighten until firm. Do not over tighten which would bend the spring hanger in and pinch the spring.

7. Fully tighten the 4 front spring hanger mounting bolts.

8. Fully and evenly tighten the 8 axle U-bolts.



NOTE: All images are for reference only and may not reflect your items/parts specifically.

9. Install the wheels on the hubs with the valve stems facing out and install and finger tighten the lug nuts. **NOTE: Tapered end on lug nut goes towards rim.**

10. Lift the trailer at one rear corner and roll it over onto the tires.

ALWAYS BEND FROM YOUR KNEES WHEN LIFTING. IF THE TRAILER IS TOO HEAVY FOR YOU TO FLIP SAFELY RECRUIT SOME FRIENDS TO ASSIST YOU.

11. Tighten the lug nuts firmly to 75 to 85 foot pounds of torque.



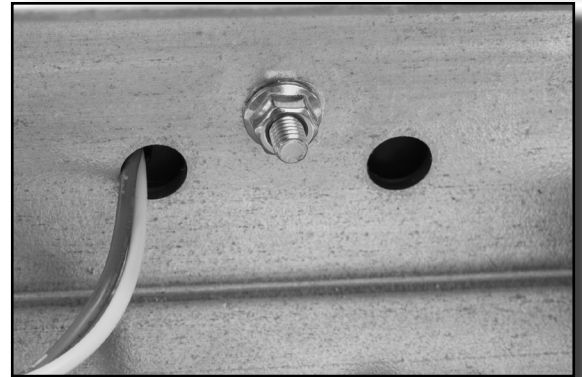
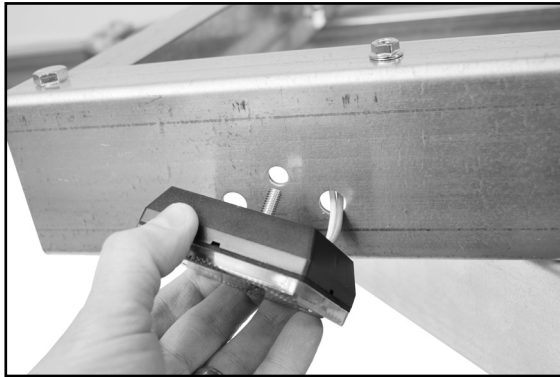
LIGHT ASSEMBLY (Group 3)

1. First attach the taillight brackets to the frame as shown using 3/8" x 1" carriage head bolts and nuts. No washers are needed.

2. Mount the taillights to the light brackets using the nuts provided with the light kit. *Making sure to Attach/secure the license plate holder to the backside of the drivers side lamp bracket as shown.

3. Use the holes near the front corners of the frame to mount the amber side lights. First, push the wire leads through the lower right hole and the lamp stud through the center hole.

4. Secure with the lamp stud nut and repeat for the other side.



5. Starting at the back of the tongue, we will divide the wiring to both sides of the trailer and then again to the running lights and the tail lights.

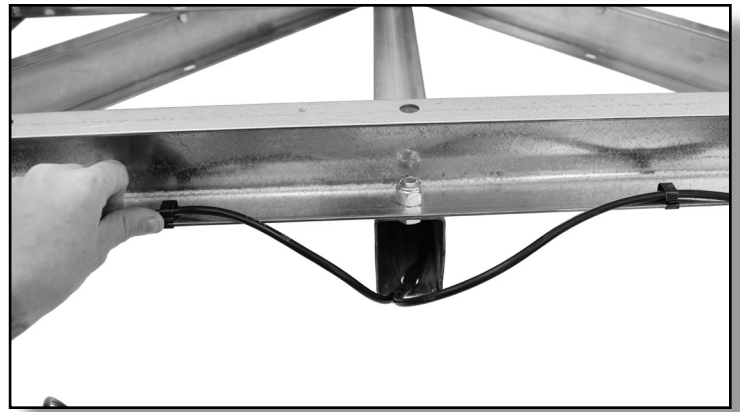
Looking at the end connections, route the GREEN/BROWN/WHITE wire along the passengers side. Route the YELLOW/BROWN/WHITE along the drivers side as shown. These color coated wires should match the connections at your lights.

REFERENCE:

Trailer Wiring Color Code

- Brown = running lights
- Yellow = driver turn / driver brake
- Green = passenger turn / passenger brake
- White = ground

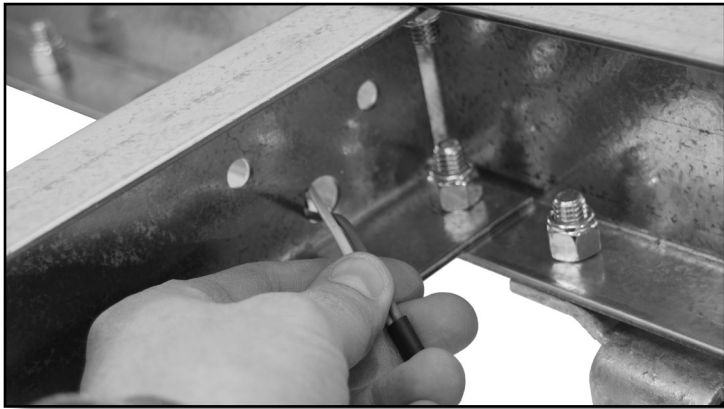
6. With the wiring divided at the end of the tongue, use the clips provided to secure the wire to the inside of the frame channel as shown.



7. Next, we'll divide the wiring again. Direct the two(2) pigtailed end towards the side running lights up front by passing the ends through the frames middle cross member, and then the three(3) pigtailed end towards the rear tail lights.

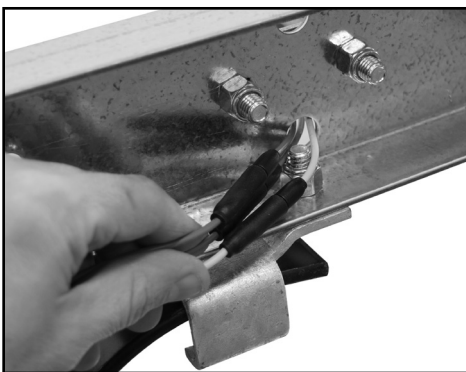


8. Route the wires to the rear, along the frame and install wire clips to secure the wires between the cross members. Repeat on the other side of the trailer.



9. With the wires routed to all the lights, pass the tail light ends through the frame and firmly grasp the wiring connections and plug-in matching colored leads/wires. Repeat with all remaining lights and use the remaining wire clips as needed.

10. With the wiring now completed secure the rubber bumpers to the rear of the frame as shown. Large washer under bolt head. Nut on the inside the frame channel.



FENDER ASSEMBLY (Group 4)

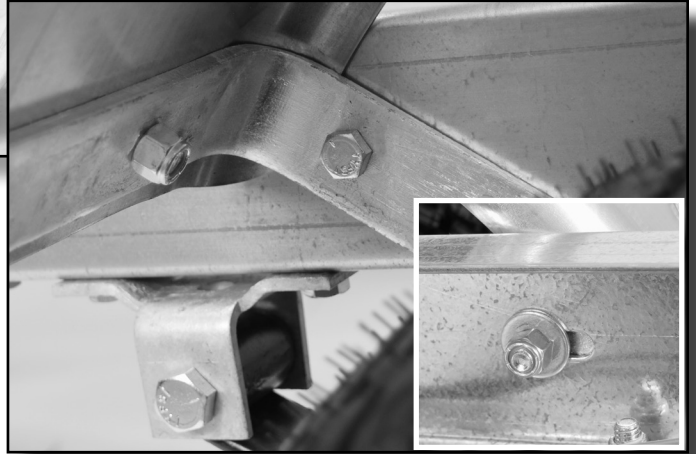
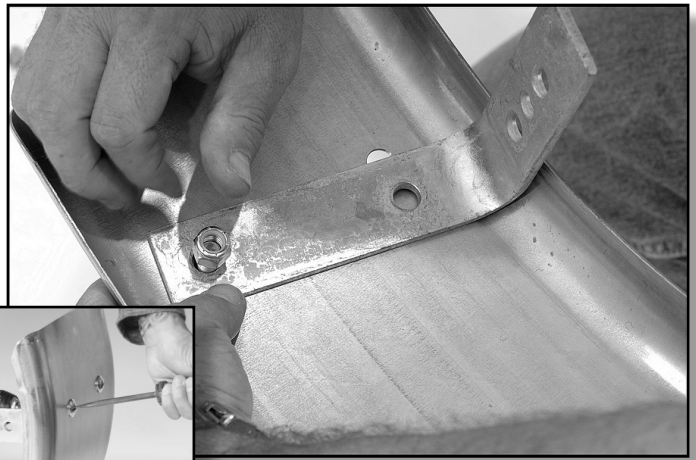
1. Connect all 4 fender brackets to the fenders using 3/8" x 3/4" slot head screws and nuts. Assemble with the nuts to the inside of the fenders as shown. No washers here. Fully tighten all 8 screws and nuts.

Note: fenders are symmetrical and fit on either side of the trailer. Install trick shown here.

Note that when bolting the mounting brackets to the frame you will install a washer on the inside of the frame rail, under the nut.

2. Using 3/8" x 1" bolts, attach the fender brackets to the slotted holes in the frame as shown. Secure with nylon nuts. Place washer under nut.

3. Tighten bolts fully and repeat for other side.



COUPLER ASSEMBLY (Group 5)

1. Assemble the tongue skid and safety chain assembly with a 3/8" x 1-1/2" bolt as shown. Use washers above and below the chain ends.

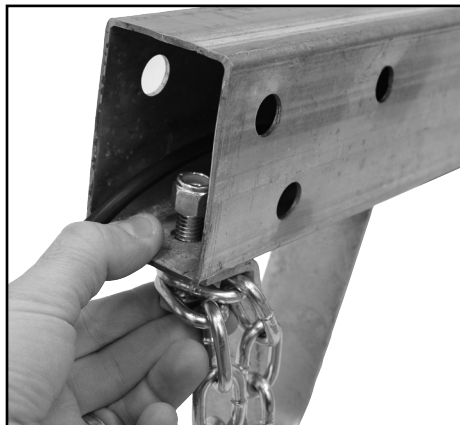
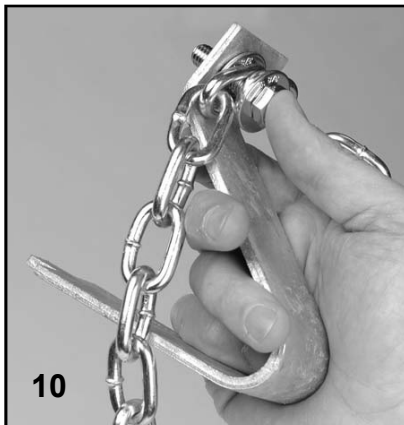
2. Place the skid and chain assembly under the tongue and insert the bolt up through the skid bolt hole on the bottom of the tongue as shown.

3. Slip the nylon lock nut over the bolt and hand tighten.

4. Check that the rear end of the skid is still in its hole in the bottom of the tongue. Fully tighten the bolt and lock nut.

5. Install the coupler and coupler handle onto the tongue as shown. Then tighten until the coupler firmly grips the tongue. Don't over tighten and crush the tongue.

NOTE: OVER TIGHTENING WILL PREVENT THE COUPLER LATCH FROM FUNCTIONING PROPERLY.

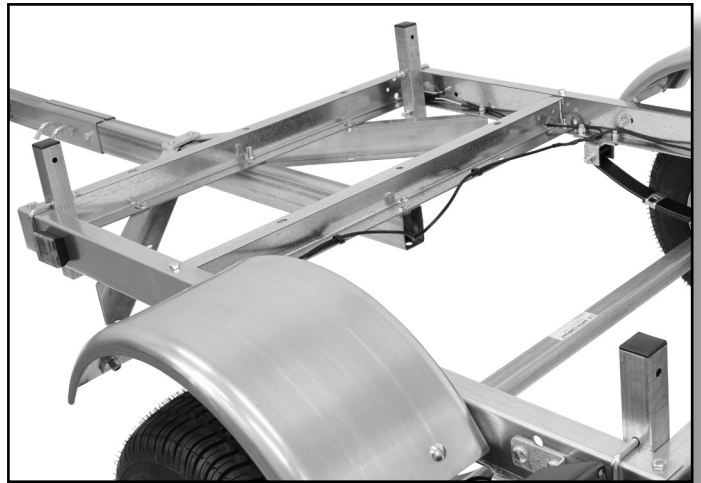
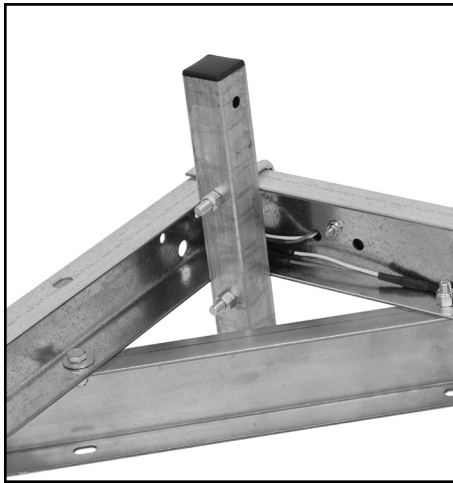


LOAD BAR ASSEMBLY (Group 6)

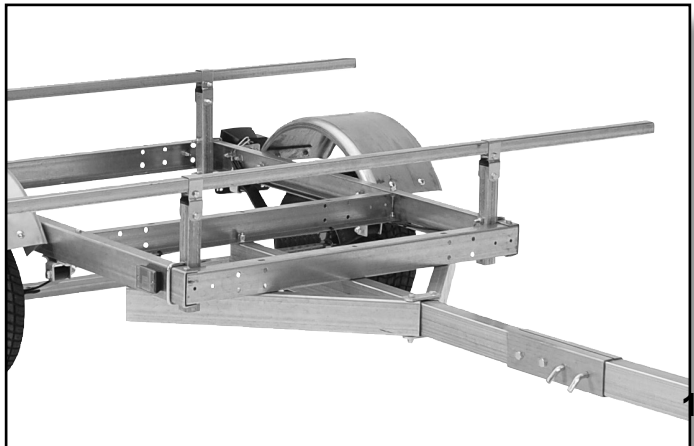
1. Use a small hammer or block of wood to install the end plugs into the top end of all four load bar support tubes.
2. Place load bar support tube in the rear corner of the frame as shown and mount it with the large U-bolt going around the frame rail and through the load bar support tube. Repeat for remaining 3 support tubes, one in each corner.



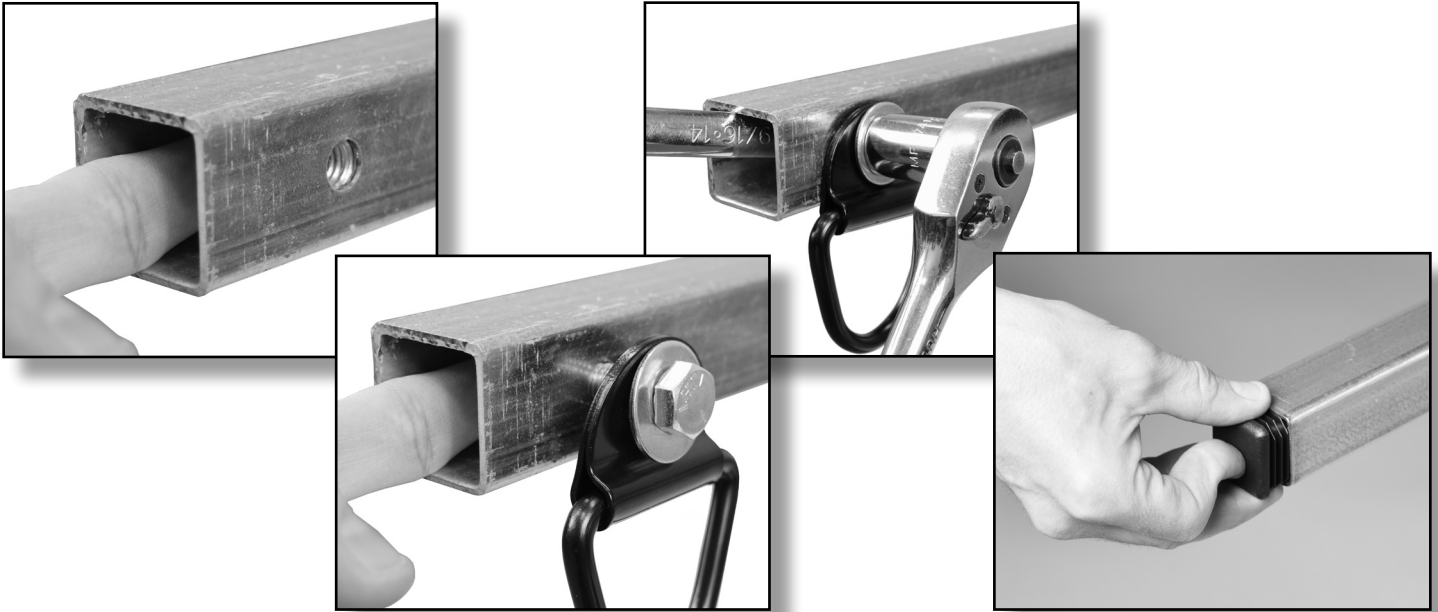
3. Secure fully with the nylon lock nuts. Repeat for the remaining 3 support tubes.



4. Slip the load bar brackets over the load bars (as shown) and loosely install the two small bolts / nuts through each bracket trapping the load bars inside the brackets.
5. Install and hand tighten the bolts holding each bracket to the support tube.
6. Center the load bars to the trailer, then tighten all 8 bracket bolts.



7). Install the D-Rings to the ends of the load bars. Slide a nylon lock nut into the open end of the load bar and align with the hole. Place washer under bolt head and insert it through the D-ring.

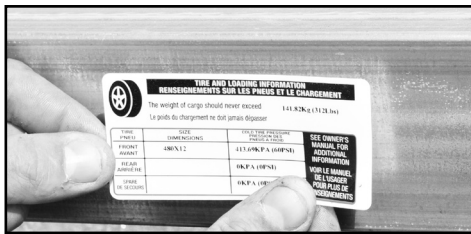


8). Align the bolt to the nut inside the cross bar and hand tighten. To secure fully, use a 9/16" wrench inside the cross bar to capture the nut inside. A 9/16" socket is used on the bolt head. Complete the cross bars with the new end caps. Repeat for remaining D-rings and end caps.

Be sure to complete the look of your trailer by adding the decals, one centered along the rear cross member and one on each side of the tongue.

PLEASE REFERENCE YOUR RED ENVELOPE

WHEN YOU RECEIVE YOUR TIRE LOADING DECAL, please apply as shown on the drivers side of the frame or tongue. Be sure to clean the frame before applying the decal.

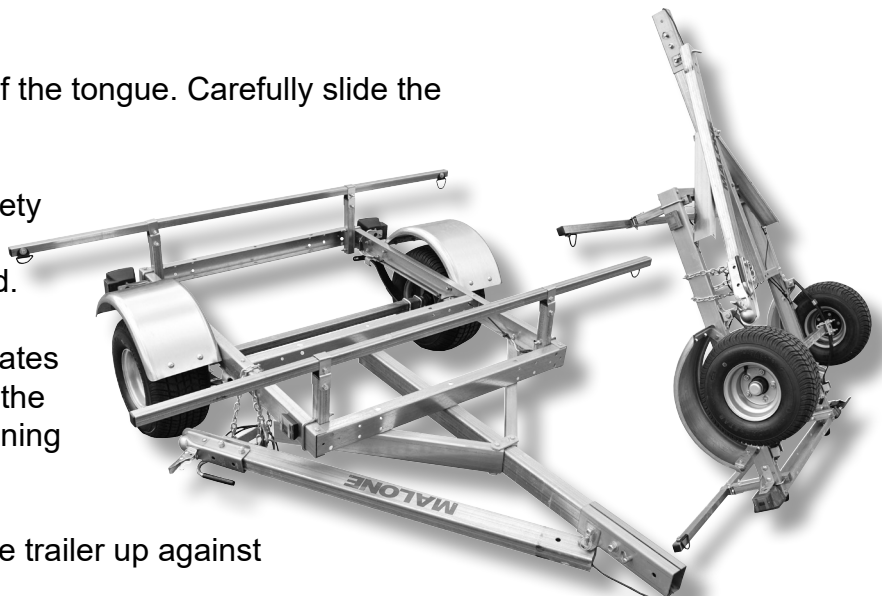


Your Malone LowMax™ Trailer is now complete and ready to register and title!
Contact your local DMV office for specific procedures in your State.



FOLDING Tongue FEATURE:

- Remove both cotter pins from the front half of the tongue. Carefully slide the tongue forward and out of the joining plates.
- Swing the tongue to the side and use the safety chains to secure the tongue up off the ground by wrapping them around the frame as pictured.
- Re-insert one cotter pin back in the joining plates and use the second to secure the other end of the tongue with the small hanger bracket on the joining plate.
- The rubber bumpers allow you to stand/tilt the trailer up against a wall for less storage space.



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Limited Five (5) Year Warranty

The Malone Auto Racks (Malone) Limited 5 Year Warranty covers certain Malone-brand products that have been specifically identified for inclusion in the program. This warranty is in effect for five (5) years, from the time of sale, for the original retail purchaser of the product. This warranty is terminated after five years from the date of purchase, or, when the original retail purchaser sells or otherwise transfers the product to any other person or entity during the five year warranty period.

Subject to the limitations and exclusions described in this warranty, Malone will remedy defects in materials and/or workmanship by repairing or replacing, at its option, a defective product without charge for parts or labor. Malone may elect, at its option, not to repair or replace a defective product but rather issue to the original retail purchaser a refund equal to the purchase price paid for the product, or credit to be used toward the purchase of a replacement Malone product.

This warranty does not cover, and no warranty is given for defects or problems caused by normal wear and tear, which includes, but is not limited to, surface (aesthetic) metal corrosion, scratches, dents, deformities, accidents, unlawful vehicle operation, or any modification of a product not performed or authorized in writing by Malone.

In addition, this warranty does not cover problems resulting from conditions beyond Malone's control including, but not limited to, theft, misuse, overloading, or failure to assemble, mount or use the product in accordance with Malone's written instructions or guidelines included with the product provided to the original retail purchaser.

No warranty is given for Malone products purchased outside of the continental United States, Canada and Mexico.

If the product is believed to be defective, the original retail purchaser should contact the Malone dealer from whom it was purchased, who will give the original retail purchaser instructions on how to proceed. If the original retail purchaser is unable to contact the Malone dealer, or the dealer is not able to remedy the defect, the original retail purchaser should contact Malone by email at support@maloneautoracks.com.

In the event that the product must be returned to Malone, a technician at the email address above will provide the original purchaser with return shipping instructions. The original purchaser will be responsible for the cost of mailing the product to Malone. In order to be eligible to receive any remedy under this warranty, a copy of the original purchase receipt, a description of the defect and a return address must be provided.

Disclaimer of Liability

Repair or replacement of a defective product, or the issue of a refund or credit (as determined by Malone) is the original retail purchaser's sole and exclusive remedy under this warranty. Damage to original purchaser's vehicle, cargo, or property, and/ or to any other person or property is not covered by this warranty.

This warranty is expressly made in lieu of any and all other warranties, express or implied, including the warranties of merchantability and fitness of a particular purpose

Malone's sole liability to any purchaser is limited to the remedy set forth above. In no event will Malone be liable for any direct, indirect, consequential, incidental, special, exemplary, or punitive damages , or, for any other damages of any kind or nature (including but not limited to, lost profits, lost income or lost sales).

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not be applicable.

In addition, all vehicular transports are potentially hazardous. Any person(s) using Malone products are personally responsible for following the given directions for use and/or installation and accepts full responsibility for any and all damages or injury of any kind including death, which may result from their use and/or installation.

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