

MARLON®



Marlon Xplore SXS Riser
Assembly & Mounting
Instructions
(SXS or Riser Extension see Website)

Marlon Recreational Products

www.marlonproducts.com

1-800-663-7367

IMPORTANT READ ENTIRE MANUAL BEFORE YOU USE THIS UNIT

The directions, if not followed, could result in the personal injury, loss of life or damage or destruction of equipment.

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLING OR USING PRODUCT

- NEVER allow anyone unfamiliar with the operating instructions to use this product.
- Read and understand all instructions provided by the manufacturer of the product(s) that this ramp and deck will be used with.
- Marlon Recreational Products is not responsible for accidents, occurrence, injuries and loss to or of any person or property wherever which arises as a result of purchaser's alteration, modification, assembly, reassembly or installation of this product except as instructed.
- Ensure UTV deck is properly secured to the vehicle before loading UTV: It is recommended that the operator inspect anchor points before loading & unloading UTV.
- Use caution when loading or unloading your equipment or vehicle: It is recommended that operators use appropriate safety gear while loading and unloading UTV. Set parking brake and chock tires of the loading vehicle to prevent movement while loading & unloading. It is also recommended operators load/unload with a winch and never stand between UTV and deck while loading. Do not operate vehicle or UTV under the influence of drugs or alcohol.
- Do not exceed the rated capacity of the ramps which is 2500lbs evenly distributed, when one end of the ramp is elevated 48".
- Do not exceed the rated capacity of the UTV deck which is 2000lbs evenly distributed.
- Operator should frequently inspect: Ramp assembly for weld cracks and ensure hook bolts are properly torqued, deck tie downs and truck box anchor points are properly secured and in good working order, also that deck assembly bolts are properly torqued 75ft-lbs.

Installation

1. Position deck evenly between wheel wells of truck box, and tightly to the front of the truck box.
2. Drill and install bolt down kit anchors as per instructions.

Disclaimer:

There is an inherent risk involved in the loading, transport and unloading of any vehicle onto these decks. Marlon Recreational Products assumes no liability whatsoever for damage or injury incurred during the use of this product.

Warning

DECK INSTALLATION AND USE

Deck must be securely anchored to the vehicle with bolt down kit supplied with deck according to installation instructions.

Inspect weekly for loose connection to truck.

Deck is approximately 350lbs, Riser is 185lbs, it is the operator's responsibility to ensure that the deck/riser and load must not exceed the vehicle GVW. Maximum deck load evenly spaced is 2000lbs, skewed loads reduce capacity. Ensure front and rear of load is securely attached to the deck prior to vehicle start-up.

Under no circumstance can the deck, load on the deck, and load in the rest of the vehicle exceed Gross Vehicle Weight (GVW) of the vehicle.

The 10' and 12' folding ramps designed to load a UTV with one end elevated a minimum of 48" with a maximum capacity of 2000lbs. The standard 10' and 12' sled deck ramp is designed to a load maximum of 1500lbs with one end elevated a minimum of 48" this transfers the weight through the side supports to the ground. The ramp is not designed to be used in a horizontal position like a bridge.

NARROW TRAILS:

Snagging the deck on low hanging branches, obstacles or garage doors will damage the deck and truck. It will also damage whatever it comes in contact with. Go slow, do not cut corners, know your limitations.

DOWNHILL USE:

The Deck and load adds to the GVW of the truck. Do not exceed vehicle GVW.

SIDE HILL USE & CORNERING:

Travelling alongside slope is dangerous and should be avoided. If you must travel along a side slope, be aware that with the load on the deck, the vehicles center of gravity is higher and therefore more unstable. This applies for cornering as well **SLOW DOWN**.

- Check deck to truck mounting anchors before every use with a load.
- Check deck to truck mounting anchors weekly whether loaded or not.
- Ramp safety pins must be used when vehicle is in motion.
- Check deck frame for loose connections, broken welds or unusual sway in deck.
- When rounding turns, **slow down** and do not cut corners.
- Go slow over uneven terrain.
- Go slow downhill and ensure that the load vehicle can stop the combined vehicle load weight.
- Confirm GVW is less than the rated capacity of the load vehicle.
- Ensure the load is fastened securely to the deck at both the front and rear of the load.
- Check fastening during every stop.

ASSEMBLY INSTRUCTION'S
***YOU SHOULD HAVE THE FOLLOWING IN THE**
HARDWARE KIT PROVIDED*

QTY / SIZE / LEGNTH / DESCRIPTION

2	1/2"	6 1/4"	Bolts
8	1/2"	5 1/2"	Bolts
24	1/2"	3 1/4"	Bolts
32	1/2"	N/A	Nyloc Nuts
64	1/2"	N/A	Flat Washers
4	1/4"	2 1/2"	Bolt
4	1/4"	N/A	Nyloc Nuts
8	1/4"	N/A	Flat Washers
2	8"	N/A	Supertrac
2	9"	N/A	Deck Ramp Leveling Spacers
2	18"	N/A	Deck Ramp Leveling Spacers

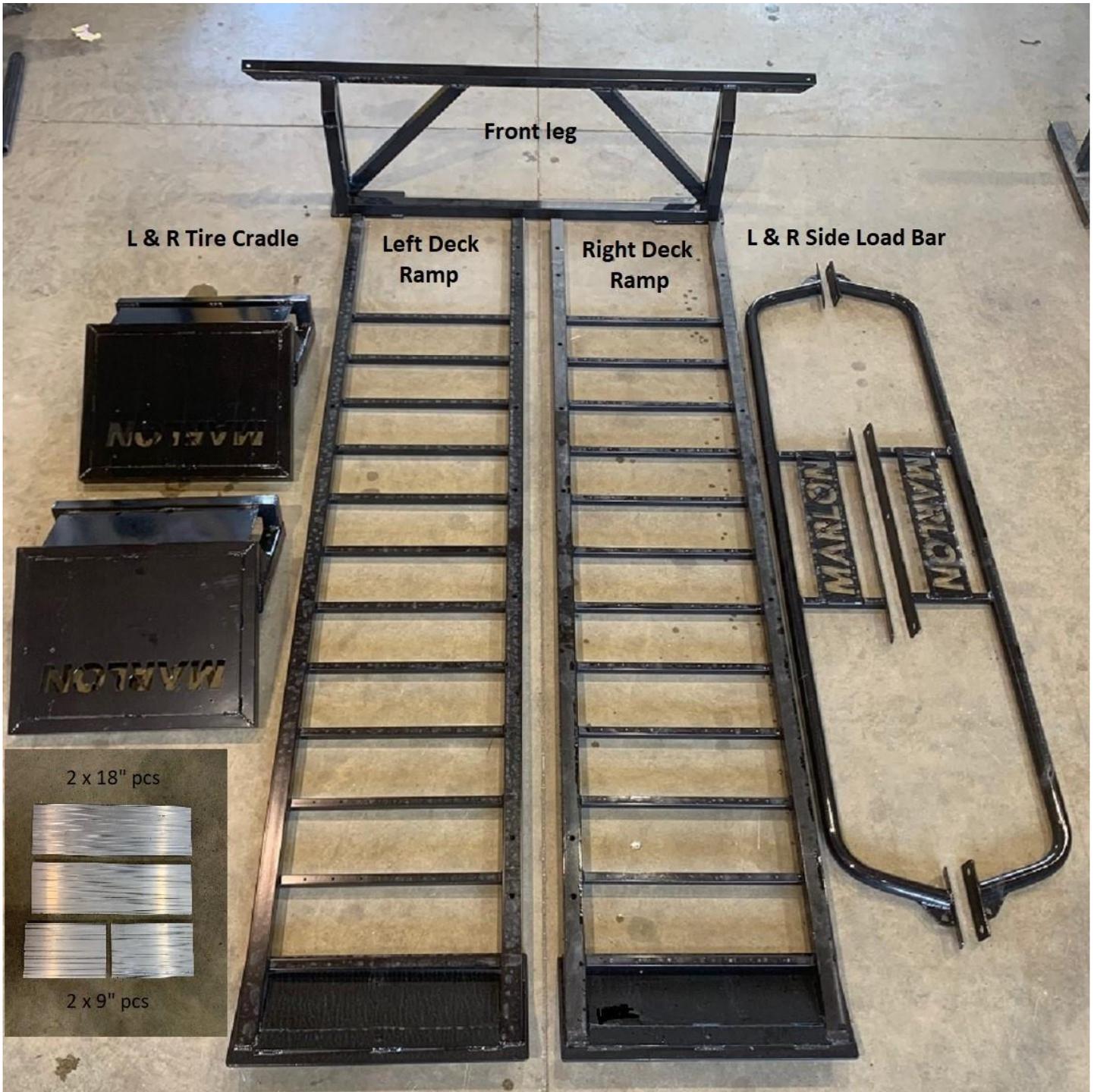
Install Kit (included with above kit)

2 - 1/2" x 6 1/4"	Bolt
2 - 1/2" x 5 1/2"	Bolts
4 - 1/2"	Nyloc nuts
8 - 1/2"	Flat washers

Tools required:

- 9/16" drill bit and drill (1/4" drill bit for pilot holes)
- 3/4" wrench or socket and ratchet or impact
- Rubber hammer
- Measuring tape
- Sharpie

Packing list



RISER INSTALLATION INSTRUCTIONS

Start by marking the position for the mounting holes on the sled deck.

1. Mark 6 ½" from the from of the headache rack and **directly in the middle** of the main support stringer (inline with the large rivets that attach the decking to the frame). Repeat on other side.

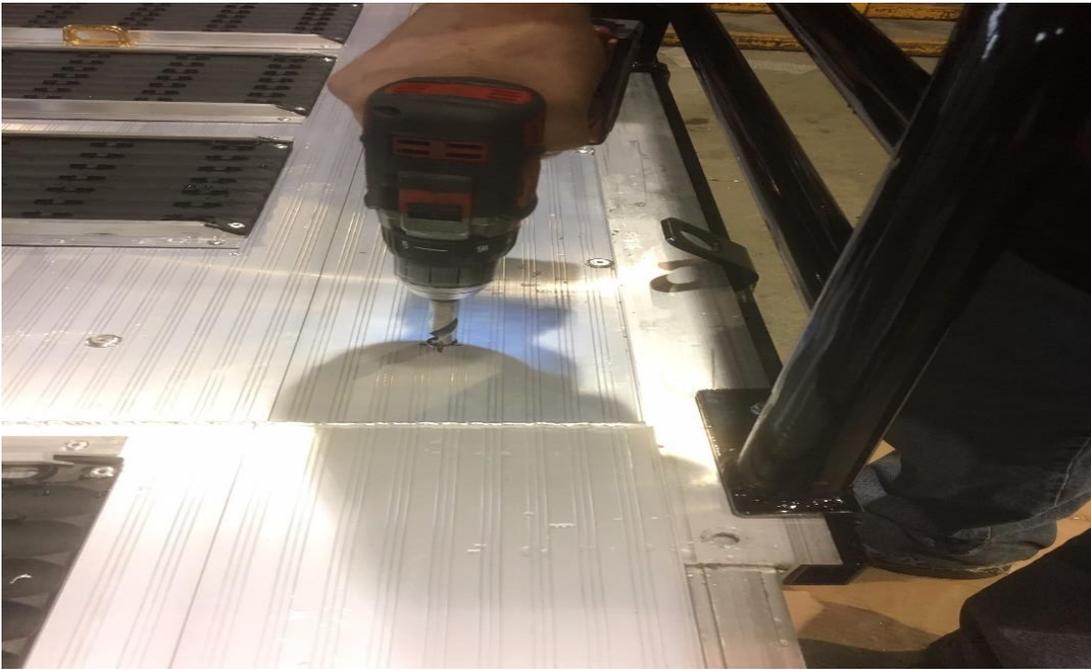
It is imperative that these holes are drilled in the center of the stringer



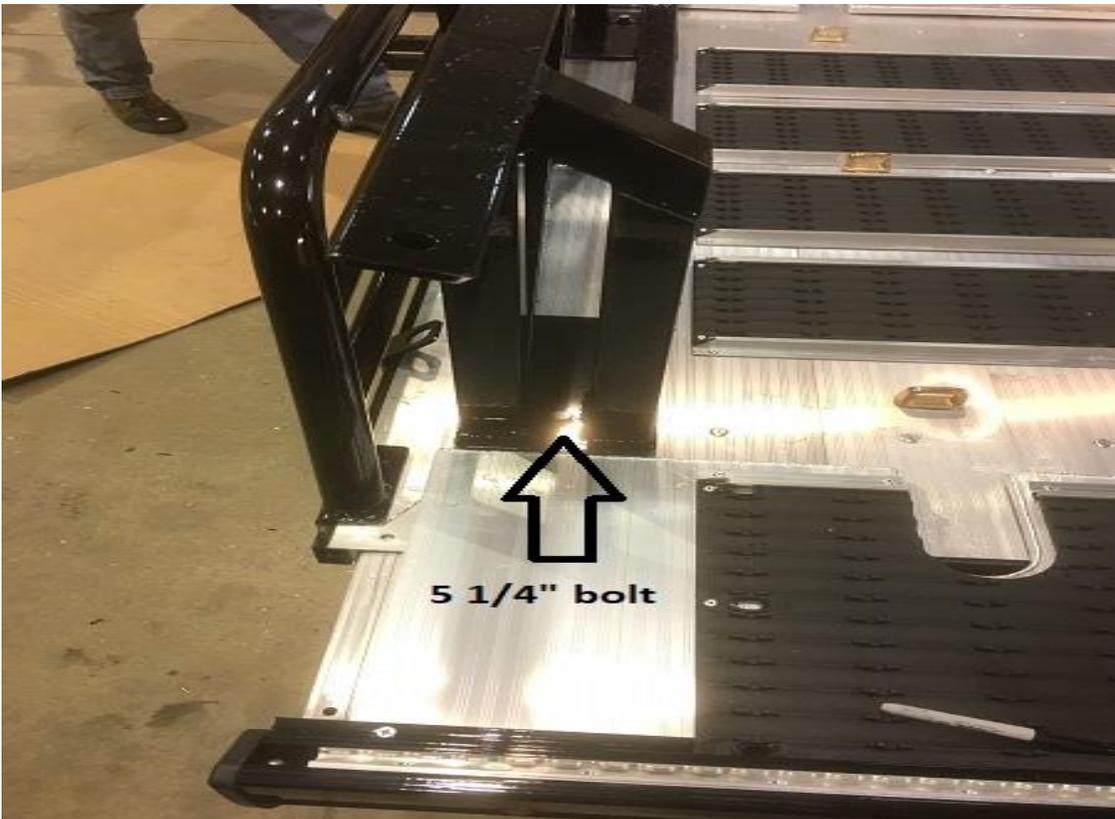
See picture with bolt positioned in the center of the stringer and leg.



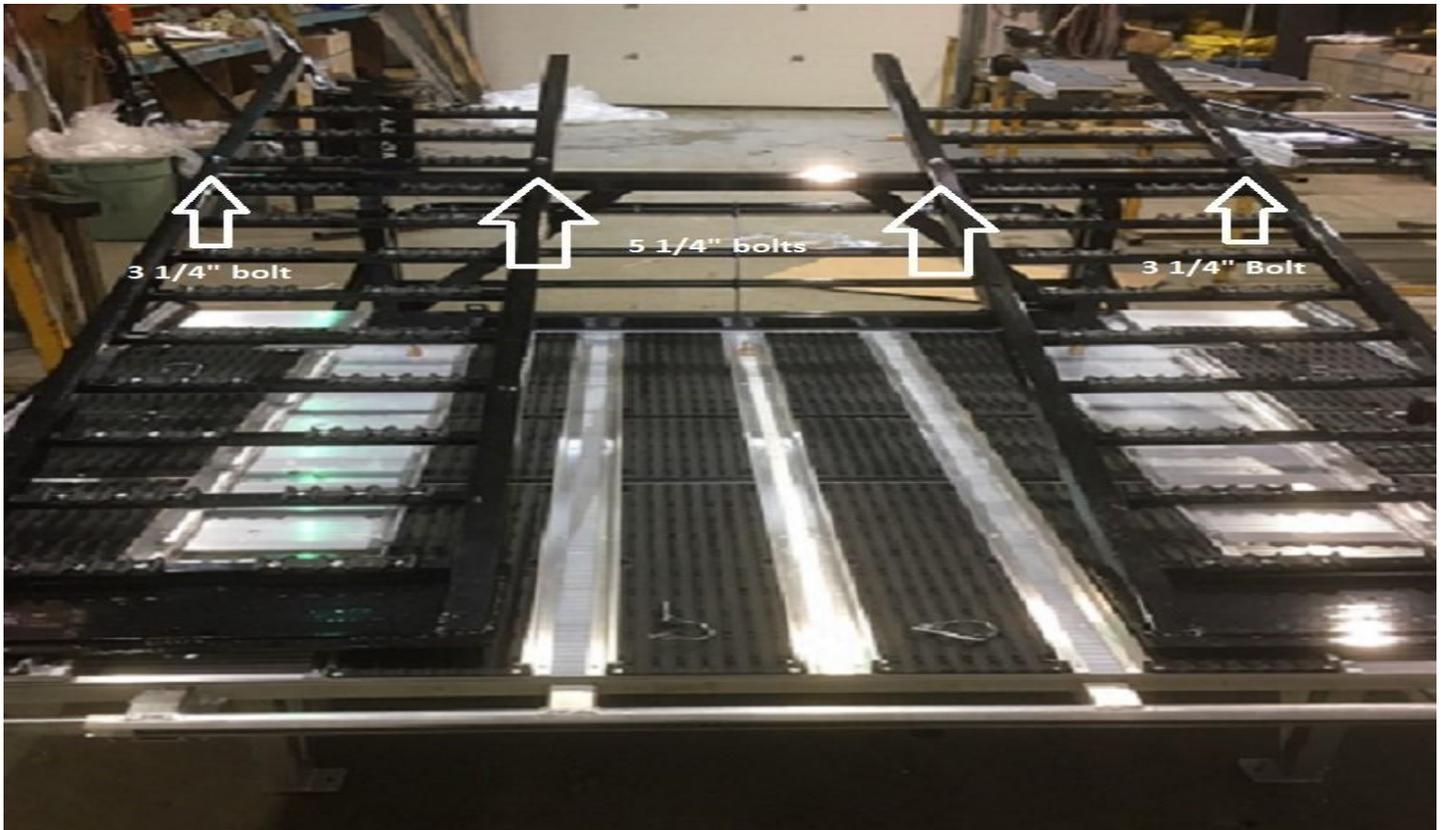
2. Drill $9/16''$ hole (start with $1/4''$ pilot hole as you are drilling thru 4 layers). Repeat on other side.



3. Place the front support leg into position and install the 2 - $5\ 1/4''$ bolts with washers and nyloc nuts (do not tighten).



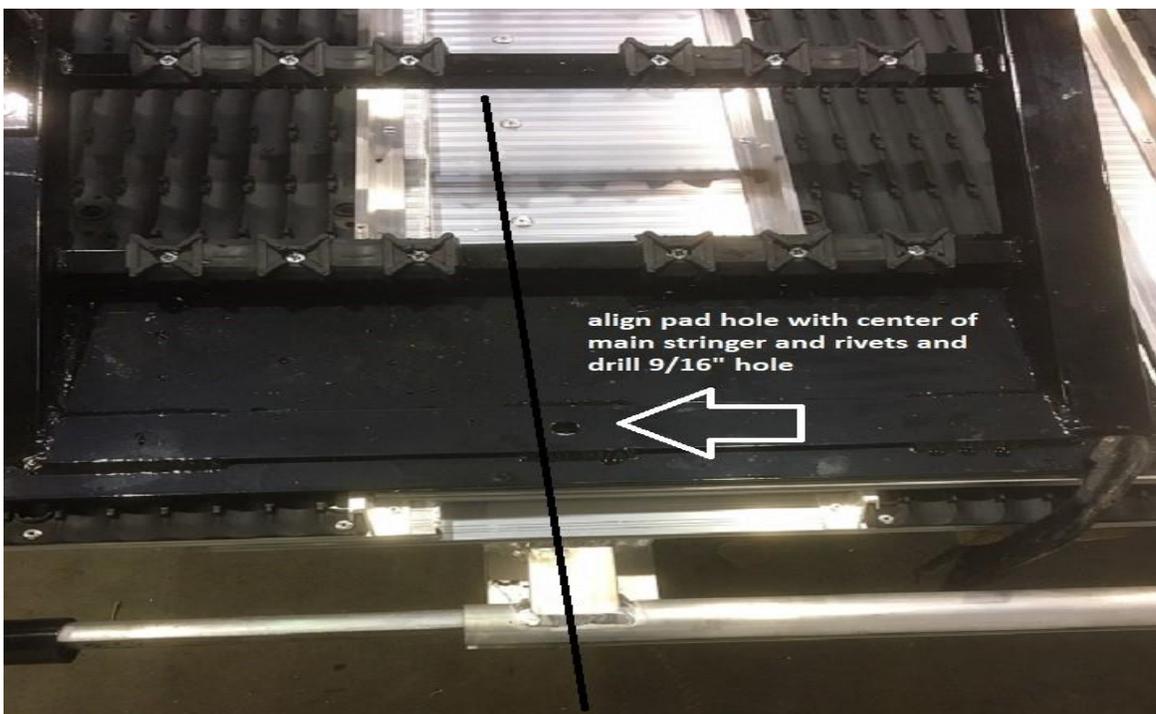
4. Attach the 2 main deck ramps to the front leg support with 2 – 5 ¼” and 2 – 3 ¼” bolts with washers and nyloc nuts (do not tighten).



5. Slide on the front tire cradles and bolt in place with 8 – 3 ¼” bolts (do not tighten). Then bolt on the front winch mount support with 2 – 5 ¼” and 2 – 3 ¼” bolts (do not tighten).



6. Align rear deck ramp pad with the pre drilled hole in the pad and the center of the main deck stringer inline with the large rivets that attach the decking to the main frame. Set the 2 deck ramp leveling spaces under the pad as follows. The 9" pieces goes on the bottom (beside the side slide out wing on the main deck) the 18" pieces goes directly on top of the 9" pieces (over top of the side wing decking, to level and support deck ramp pad). Drill a 9/16" hole (start with 1/4" a pilot hole as you are drilling thru 5 layers). Install 2 – 6 1/4" bolts (do not tighten).



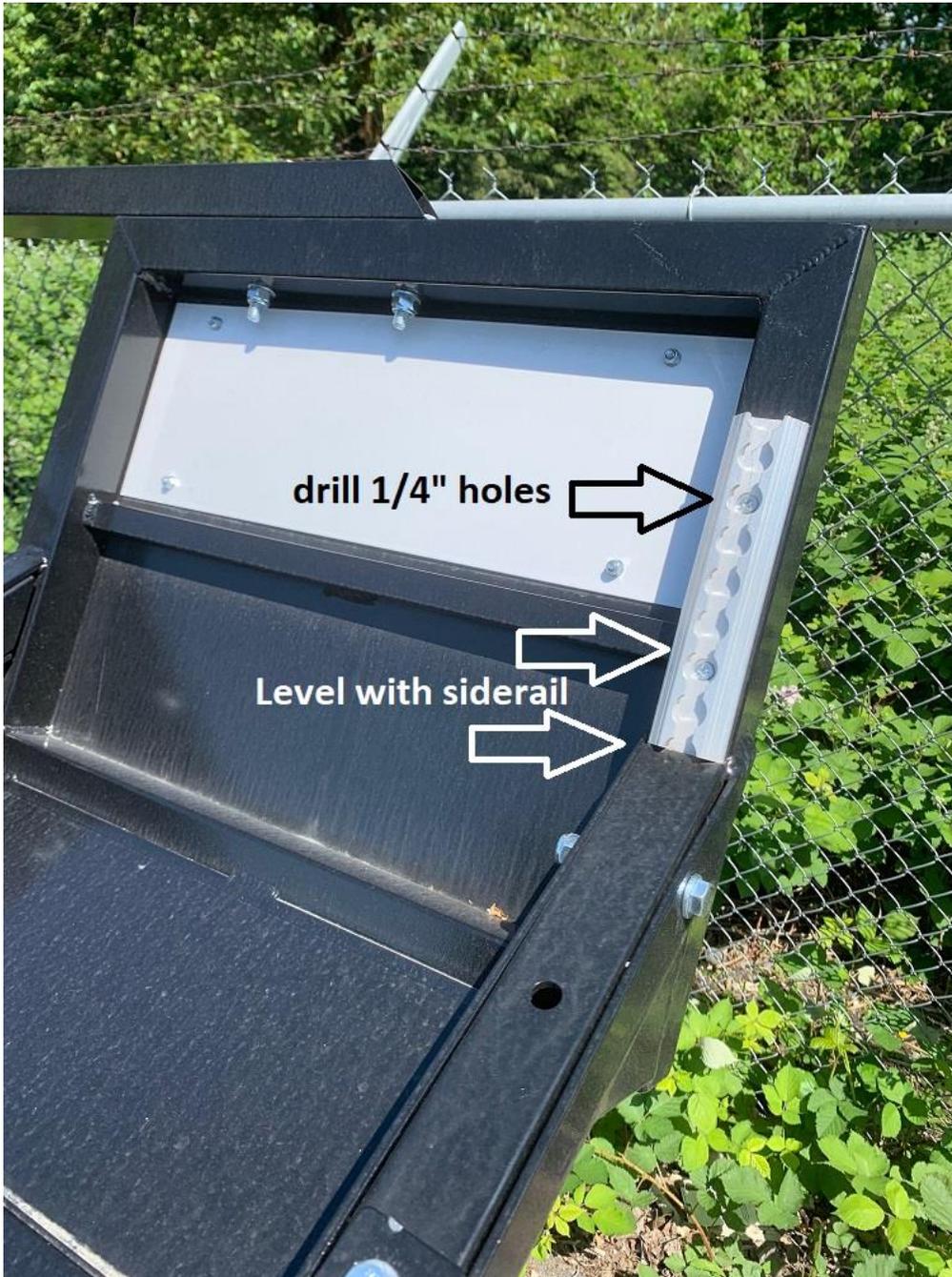


7. Attach side rail bars with 14 – 3 1/4" bolts with washers and nyloc nuts (do not tighten).



8. Now that all parts have been attached you can go ahead and tighten all nuts and bolts, starting from the deck mounting bolts and work your way up. All nuts should be torqued to 75 ft lbs.

9. Install the 2 – 8" pieces of supertrac to the front tire cradles with 4 – 2 1/2" x 1/4" bolts, washers and nyloc nuts. Center the 8" piece of supertrac to the tire cradle with the bottom edge level with the siderail. Drill 2 – 1/4" holes using the predrilled holes in the supertrac as your guide. Drill thru both sides of the tire cradle and attach provided hardware.



Congratulations your Done!

MOUNTING INSTRUCTIONS:

When riser is assembled and deck has been prepped

1. Lift assembled riser onto sled deck, with deck sides in the fully open position, align holes in front leg (2) and rear deck ramp pad (2) with 4 holes in sled deck, 2 fronts close to headache rack and 2 rears close to rear of deck.

NOTE: if holes are not already drilled in deck, refer back to steps #1, 2, & 6 of Installation Instructions

2. Install 2 – 5 ¼" bolts with 2 flat washers and nyloc (do not tighten yet).

3. Position the 4-deck ramp leveling spacers under the rear deck ramp pads. 9" pieces on the bottom 18" pieces on top of the 9" piece (each side). This is to level under the pad. See pic below.





4. Install 2 – 6 1/4" bolts with 2 flat washers and nylocs. Thru the deck pad as well as the 18" and 9" spacers and thru the deck.
5. Now you can tighten all 4 sets of bolts and nuts to 75 ft lbs.
6. Ensure you have you tire tiedowns and appropriate ramps, you are ready to load.
7. For machines over 50" wide you will require our optional 10' and 12' folding UTV Ramps.

Loading Instructions with Vehicle Power

1. Set parking brake and chock tires of the loading vehicle to prevent movement while loading & unloading, never stand between UTV and deck while loading, do not operate vehicle or UTV under the influence of drugs or alcohol.
2. Remove ramp/ramps from deck, make sure the ramp hooks are securely engaged on the rear load bars of the deck.
3. Line up ramps to match **your** machines tire width.
4. Wear your helmet and use your seatbelt.
5. Start vehicle and put it in low range 4x4 mode.
6. Climb ramps at a slow steady pace (**high speed not needed or recommended**).

7. You will feel the front of the machine drop slightly once the front tires roll into the front tire cradle.
8. Apply the brakes and put the vehicle in park.
9. If you have a winch on your vehicle or mounted on the deck, hook it to the winch mount point and snug up the tension on the cable.
10. Dismount the vehicle.
11. With 1 tire tiedown strap in hand. Lock the adjustable anchor end into the supertrac that is installed on the deck. Loop the lasso end of the strap over the tire at the 10-2 position. If the supertrac is mounted on an angle look at it as if you were looking at a clock and the anchor point would be 6:00, that will always put the lasso in the right position. Tighten the lasso by pulling the end of the strap until the lasso and ratchet mechanism look like the picture below. Then tighten the lasso by using the ratchet level, tighten until strap depresses into tire approx. 1 inch. Make sure the D ring is centered as close as possible, this may take loosening the strap a couple time and adjusting. Once its centered and the strap is tightened, tie the remaining strap end up in such a way that is not able to flap in the wind. As this can damage the finish on the wheel and or the deck



12. Repeat steps 11 on the remaining 3 tires.

Unload Instructions with Vehicle Power

1. Remove ramp/ramps from deck mount and securely engage onto the rear load bar of the deck. Align with tire width of vehicle.
2. Enter vehicle, close door, apply seat belt, press on the brake start vehicle. Place in reverse and start to back off slowly. Watch to make sure your tires are lined up when transitioning from the deck to the ramps. This is easier to achieve with another person helping spot you (but not necessary)
3. Continue down ramps until vehicle is completely on the ground. Place vehicle in park.
4. Place ramps back on the deck and pin in place with spring pin.

Now get out and play in the dirt!

Load With Winch

1. Set parking brake and chock tires of the loading vehicle to prevent movement while loading & unloading, never stand between UTV and deck while loading, do not operate vehicle or UTV under the influence of drugs or alcohol.
2. Remove ramp/ramps from deck, make sure the ramp hooks are securely engaged on the rear load bars of the deck.
3. Line up ramps to match **your** machines tire width.
4. Wear your helmet and use your seatbelt, if inside vehicle. Not required if using a remote operated winch.
5. Attach winch cable hook to the winch brace on the top of the deck or attach winch cable hook from the winch mounted on the deck to a secure pull position on the vehicle.
6. Make sure vehicle is in neutral and tires are aligned with ramps.
7. Guide vehicle tires on to the load ramps until the rear tires are on the ramps, continue to load vehicle with winch power until the front tires are secure in the front tire cradle (do not over tighten the winch. Just put enough tension on the cable to keep the vehicle touching the front support braces on the tire cradle).
8. You're there apply the brakes and put the vehicle in park.
9. With 1 tire tiedown strap in hand. Lock the adjustable anchor end into the supertrac that is installed on the deck. Loop the lasso end of the strap over the tire at the 10-2 position. If the supertrac is mounted on an angle look at it as if you were looking at a clock and the anchor point would be 6:00, that will always put the lasso in the right position. Tighten the lasso by pulling the end of the strap until the lasso and ratchet mechanism look like the picture below. Then tighten the lasso by using the ratchet level, tighten until strap depresses into tire approx 1 inch. Make sure the D ring is centered as close as possible, this may take loosening the strap a couple time and adjusting. Once its centered and the strap is tightened, tie the remaining strap end up in such a way that is not able to flap in the wind. As this can damage the finish on the wheel and or the deck.
10. Repeat steps 9 on the remaining 3 tires.

Unload with a Winch

1. Remove ramps from deck mount and securely engage onto the rear load bar of the deck. Align with tire width of vehicle.
2. Remove all 4 tire tiedowns.
3. Enter vehicle, close door, apply seat belt, press on the brake, place vehicle in neutral and start to reverse the winch slowly. If using a vehicle mounted winch. If using a remote operated winch, make sure vehicle is in neutral and reverse the winch slowly. Watch to make sure your tires are lined up when transitioning from the deck to the ramps. This is easier to achieve with another person helping spot you (but not necessary)
4. Continue down ramps until vehicle is completely on the ground. Place vehicle in park.
5. Place ramps back on the deck and pin in place with spring pin.

Your Unloaded

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