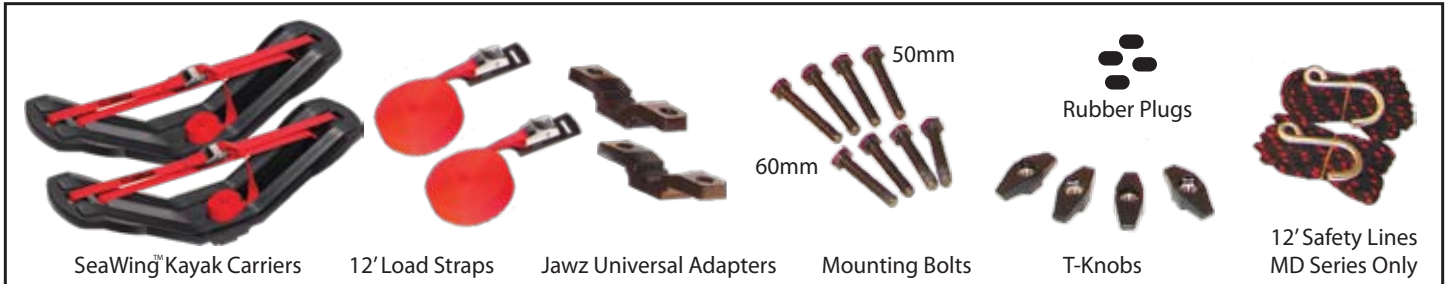


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Stinger™ Load Assist Components



SeaWing™ Kayak Carrier Components

Installation & Loading Instructions - Please Read Before Beginning



1. Insert the two 1" bolts into the two holes located on the bottom side of the Extension Frame. Tighten with a phillips screwdriver. See image 2.

Step 1: Stinger Pre-Assembly

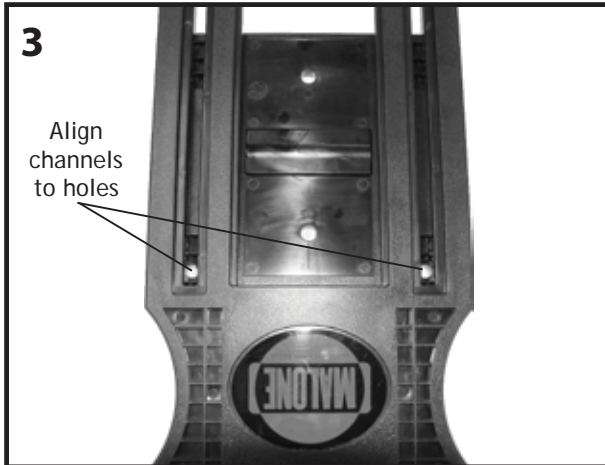
- Place the V-Block into the channel located directly behind the Malone logo on the Extension Frame. See image 1.



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Installation & Loading Instructions - MPG113MD SS Combo™



- Place the Extension Frame on top of the Mounting Plate with the raised block side facing up. The two holes located on the end of the Plate should align with the two channels in the Frame. See image 3.

- Insert the 1 3/4" Carriage Bolts down and through the Extension Frame channels and into the holes in the Mounting Plate. See image 4.



- Loosely thread the two T-knobs onto the Bolts. Slide the Frame forward towards the Mounting Plate until travel is stopped. Tighten both of the T-knobs. See image 5.

Step 2: Installing Carriers to Cross Bars

- Place the SeaWing onto the Stinger so that the mounting holes in both units are aligned. See image 6.



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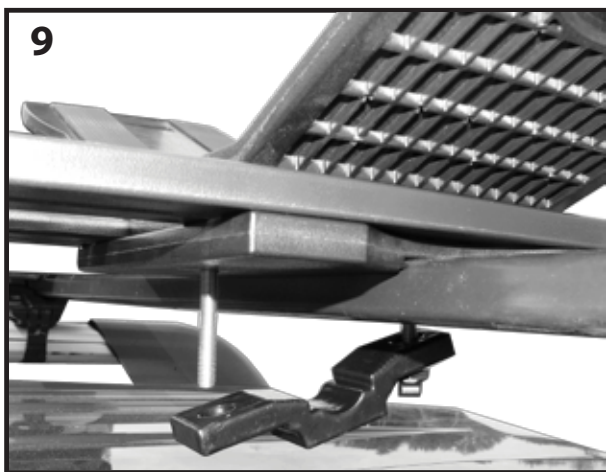
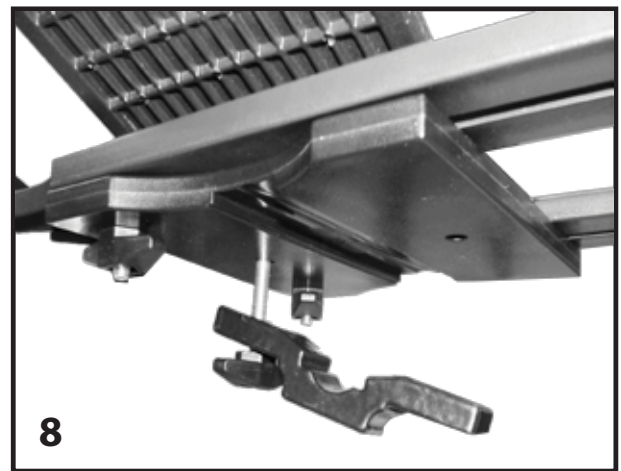
Installation & Loading Instructions - MPG113MD SS Combo™



- Insert a single 70mm Mounting Bolt down through the SeaWing and Mounting Plate. See image 7.

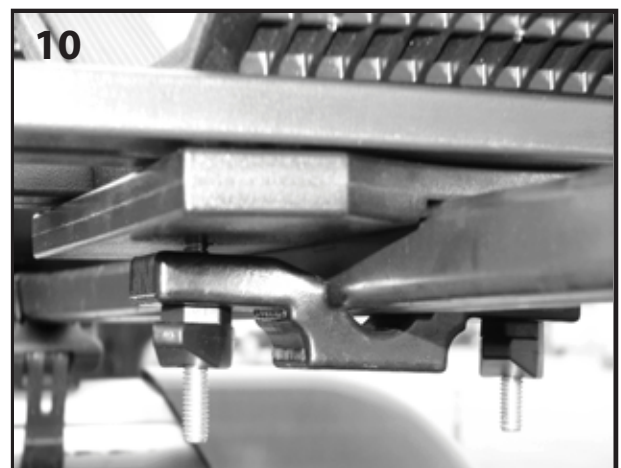
- Insert Bolt through one hole of the Jawz mounting adapter and loosely apply the T-knob. See image 8.

Note: Additional bolt lengths available.



- Place the Stinger with SeaWing assembly onto the rear cross bar of the vehicle with the V-Block closest to the rear of the vehicle. Swing the Jawz under the cross bar and insert the second 70mm Bolt. See image 9.

- Loosely secure the second Bolt with a T-knob. Position the assembly to the final location. Finish by firmly tightening the T-knobs. See image 10.



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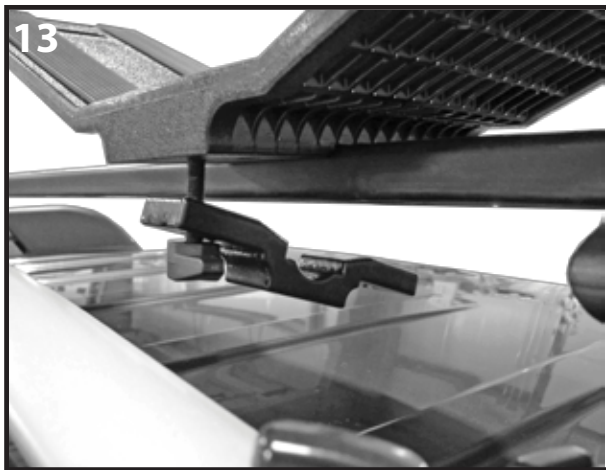
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Installation & Loading Instructions - MPG113MD SS Combo™



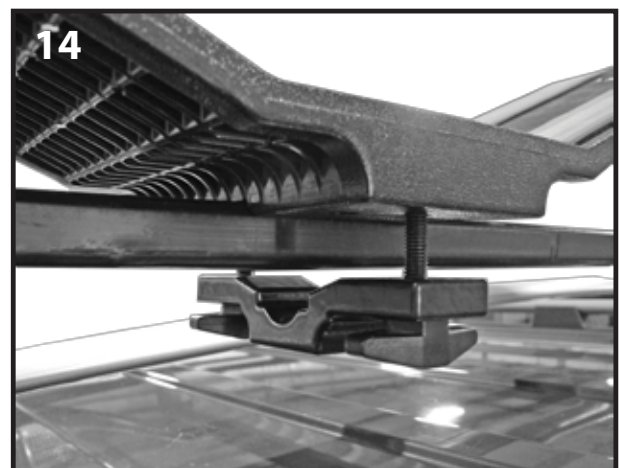
- Using the second SeaWing carrier, insert a Mounting Bolt into one of the top side hex holes. See image 11.

- Insert Mounting Bolt through one hole of a Jawz Mounting Adapter and loosely apply a T-knob. See image 12.



- Place the carrier onto the front cross bar. Swing the Jawz under the cross bar as shown. See image 13.

- Insert a second Mounting Bolt into the top side unused carrier hex hole and down through the Jawz mounting adapter. Apply a second T-knob and slightly tighten until the carrier is secure. See image 14.



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Installation & Loading Instructions - MPG113MD SS Combo™



- Confirm the carriers are in alignment. Firmly tighten the T-knobs until both carriers are securely fixed to the cross bars. See image 15.



- Insert the four Rubber Plugs into the four top side hex holes in the two carriers. See image 16.



Step 3: Loading the Kayak

- Route the free end of a 12' Load Strap down through the top of the outer most strap slot and back up through the inside slot of the carrier. Pull the free end until there is an even loop. Repeat for the second carrier. See image 17.

- Place the straps parallel to the carriers with the front strap loop on the windshield and the rear strap loop on the back of the vehicle. See image 18.



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Installation & Loading Instructions - MPG113MD SS Combo[™]



19

- Loosen the two T-knobs holding the Extension Frame. Pull the Frame out to the rear edge of the vehicle and slightly re-tighten the T-knobs. See image 19.

Note: The Extension Frame will bend down under the weight of the kayak. The Frame should be placed so that the rubber pad makes contact with the vehicle's rear edge. This will provide support and protection while the kayak is loaded.

- Lift and place the front of the kayak into the V-Block on the Extension Frame. Walk to the rear of the kayak while continuing to hold the kayak in place. See image 20.



20



21

- Lift the rear of the kayak and slowly push forward until the kayak is centered between the carriers. See image 21.

- After the kayak has been loaded onto the carriers, loosen the two Extension Frame T-knobs and push the Extension Frame back until the V-Block makes contact with the kayak. Tighten the T-knobs for transport. See image 22.



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- Position kayak so that the cockpit is evenly centered between the front and rear carriers. The bottom of the kayak should be slightly elevated above each of the carriers and held by the sides of the carriers. See image 23.

- Place the strap loops over the kayak so that each loop is positioned directly over a carrier. See image 24.

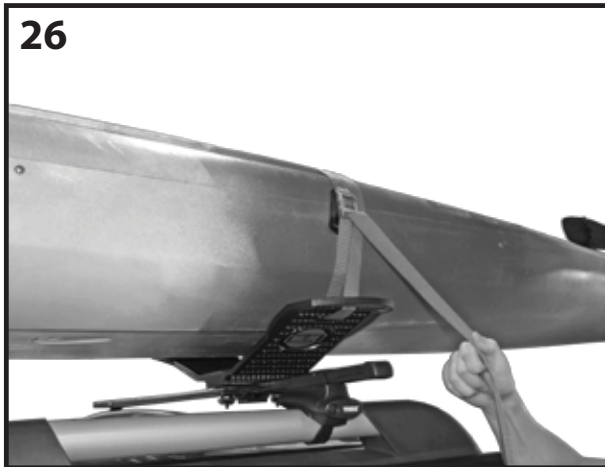


- Pull the free end of each strap loop down until the buckles are positioned half way up the side of the kayak. Thread each free end down and through the top of the outside slot and back up through the bottom of the inside slot. See image 25.

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Installation & Loading Instructions - MPG113MD SS Combo™



- . Thread the free strap ends up and through the buckles. Pull down to tighten. Dress any extra strap down and around the cross bars. See image 26.
- . For MD series only: Install the bow & stern safety lines per the attached instructions.

IMPORTANT NOTES:

Safety tie-downs are required for all transport. If your kit did not include safety tie-downs, we strongly recommend the use of the Malone MPG316 Sentry Ratchet Tie-Down System.

For added stability for larger kayaks, dress the straps down under the cross bars before bringing them back up through the slots in steps 17 and 25.

Always check mounting hardware, load straps and safety tie-down lines for proper and secure attachment before transport. Use of this product for any other application other than kayak transport voids warranty.

Warning: All vehicular rooftop transports are potentially hazardous. Any person using MALONE automotive transport systems is personally responsible for following the given directions for use and installation and accepts full and complete responsibility for any and all damages or injury of any kind including death, which may result from their use.

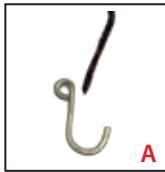
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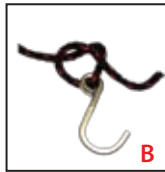
MPG370 BOW & STERN LINE KIT



Attach hook to rope (steps A-D)



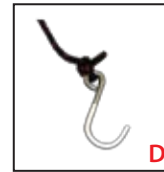
Thread free end of cord through hook.



Create a "left over right" knot & tighten.



Create a "right over left" knot & tighten.



Pull to test for knot strength.

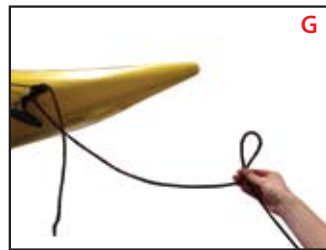
Attach and dress rope to vehicle and boat (steps E-O)



Attach S-hook to vehicle tow ring or other sturdy body part.



Keeping the rope tight and S-hook in place, thread the free end up and through a strong point on the kayak



Make a loop in the rope 12" to 14" away from the kayak or canoe.



Bend the loop over leaving a large opening as shown.



Pass the loop through the opening.



Pull to create a tight knot.



Thread the free end of the rope through the loop.



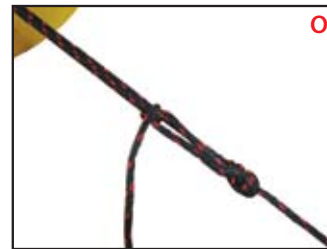
Pull the free end up until the rope is sufficiently tight.



Hold the rope secure with one hand.



Form a knot with the free end and tighten. Form a second knot for safety purposes.



The line should be tight and secure. Repeat for second tie-down.

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Limited Lifetime Warranty

The Malone Auto Racks (Malone) Limited Lifetime Warranty covers certain Malone-brand products that have been specifically identified for inclusion in the program and is effective for as long as the original retail purchaser owns the product. This warranty is terminated when the original retail purchaser sells or otherwise transfers the product to any other person or entity.

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 available to the original retail purchaser.

No warranty is given for Malone products purchased outside of the 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 technical@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 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 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 for a particular purpose.

Malone's sole liability 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. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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