

SS Combo[™]
SEAWING KAYAK CARRIER with
STINGER[®] LOAD ASSIST



Installation & Loading Instructions

IMPORTANT WARNING: 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.

It is critical that all Malone racks and accessories be properly and securely attached to your vehicle. Improper attachment could result in a serious accident, and could cause serious bodily injury or death to you or to others. You are responsible for securing the racks and accessories to your car, checking the attachment's prior to use, and periodically inspecting the products for adjustment, wear, and damage.

You must read and understand all of the instructions and cautions supplied with your Malone product(s) prior to installation or use. If you do not understand all of the instructions and cautions, or, if you have no mechanical experience and are not thoroughly familiar with the installation procedures, you should have the product installed by a professional installer.

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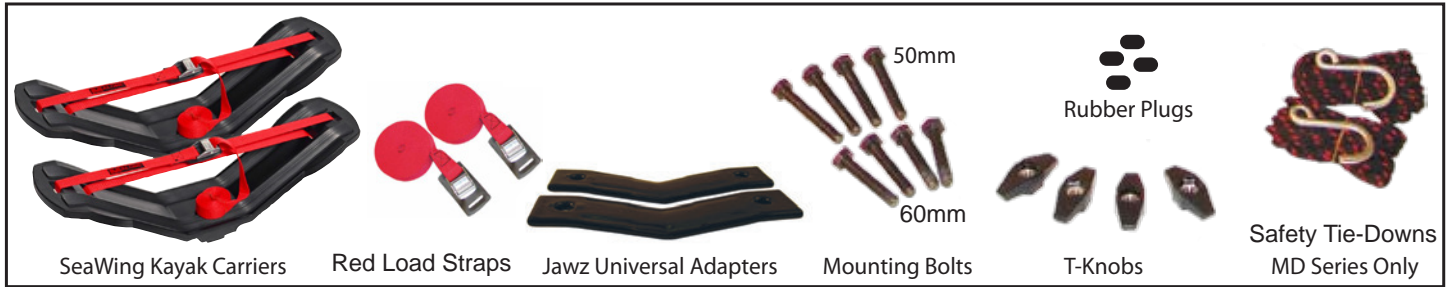
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SS Combo™

SEAWING KAYAK CARRIER with STINGER™ LOAD ASSIST



Stinger™ Load Assist Components



SeaWing™ Kayak Carrier Components

Installation & Loading Instructions - Please Read Before Beginning



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.

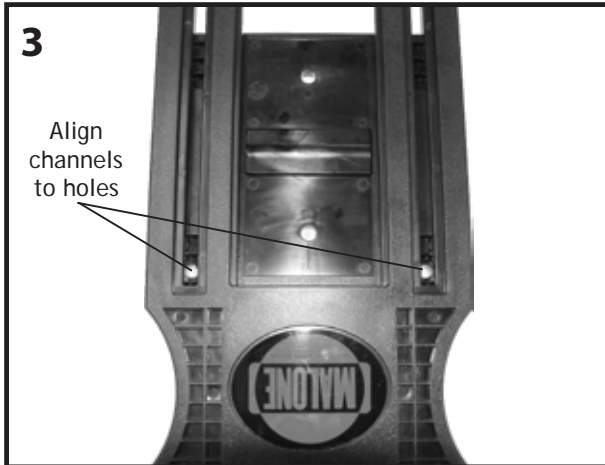
- Insert the two 1" bolts into the two holes located on the bottom side of the Extension Frame. Tighten with a phillips screwdriver. See image 2.



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

· Insert Mounting Bolt through one hole of a Jawz adapter and loosely apply a 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 apply the T-knob. Position the assembly to the final location and firmly tighten until the carrier is secure. See image 10.

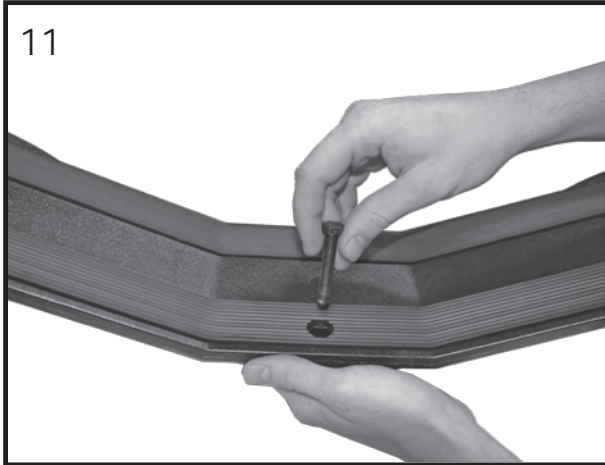
Note: The base of the carrier has a rectangular “cutout” that has been included for square cross bar fit. This “cutout” does not effect the fit or function of the carriers when installed to round or oval shaped cross bars.



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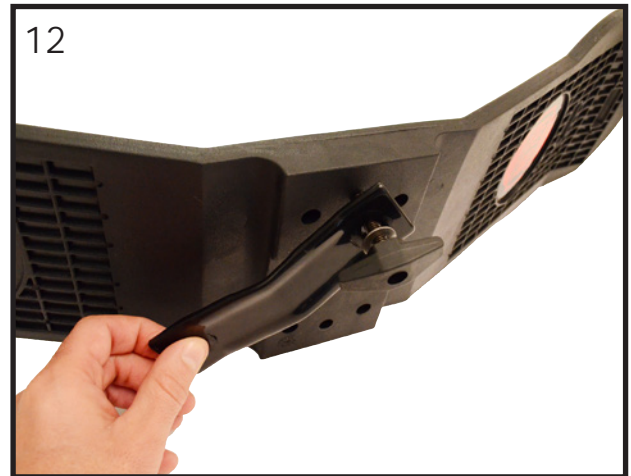
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- Using the second SeaWing carrier, insert a Mounting Bolt into one of the top side hex holes. See image 11.

Insert Mounting Bolt through one hole of a Jawz 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 through the unused hex hole and Jawz adapter. Loosely apply the second T-knob. Tighten until the carrier is secure. See image 14.



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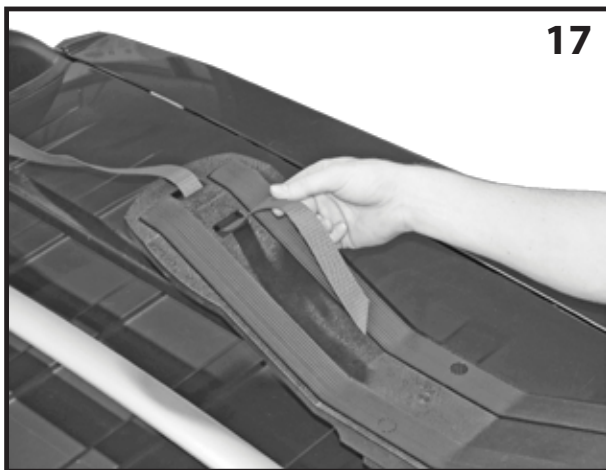
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Confirm the carriers are in alignment. Firmly tighten the T-knobs until both carriers are securely fixed to the cross bars. See image 15.

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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- 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.



- 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.

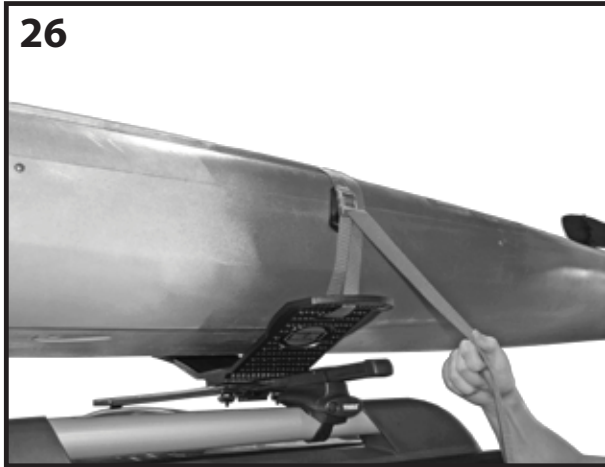


- Pull the free end of each strap loop down until the buckles are positioned half way up the side of the kayak. Thread each free end down and through the top of the outside slot and back up through the bottom of the inside slot. See image 25.

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- 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.

IMPORTANT NOTES:

Bow and Stern Safety tie-downs are required for all transport.
Failure to use these safety lines voids all warranty.

If your kit did not include safety tie-downs, we strongly recommend the use of the Malone MPG316 Sentry Ratchet Tie-Down System or Malone MPG309 SpeedLine Mini Ratchet Tie-Down

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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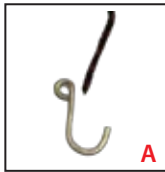
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MPG306 BOW & STERN LINE KIT

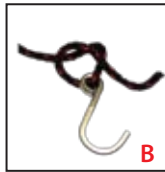
NOTE: NOT REQUIRED ON TRAILER PACKAGES



Attach hook to rope (steps A-D)



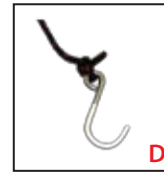
Thread free end of cord through hook.



Create a "left over right" knot & tighten.



Create a "right over left" knot & tighten.



Pull to test for knot strength.

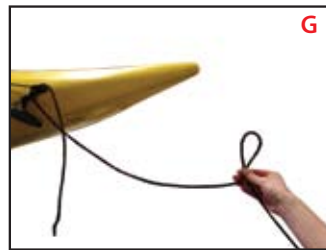
Attach and dress rope to vehicle and boat (steps E-O)



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.