

MALONE[®]

CHANGING THE WAY YOU GET THERE

MPG351-XL

TELOS-XL

KAYAK LIFT ASSIST

The TelosXL™ attaches to the MPG106 AutoLoader™, MPG114 DownLoader™, MPG118 J-Loader™ and the MPG107 SeaWing™ providing a safe and simple way to side load your kayak

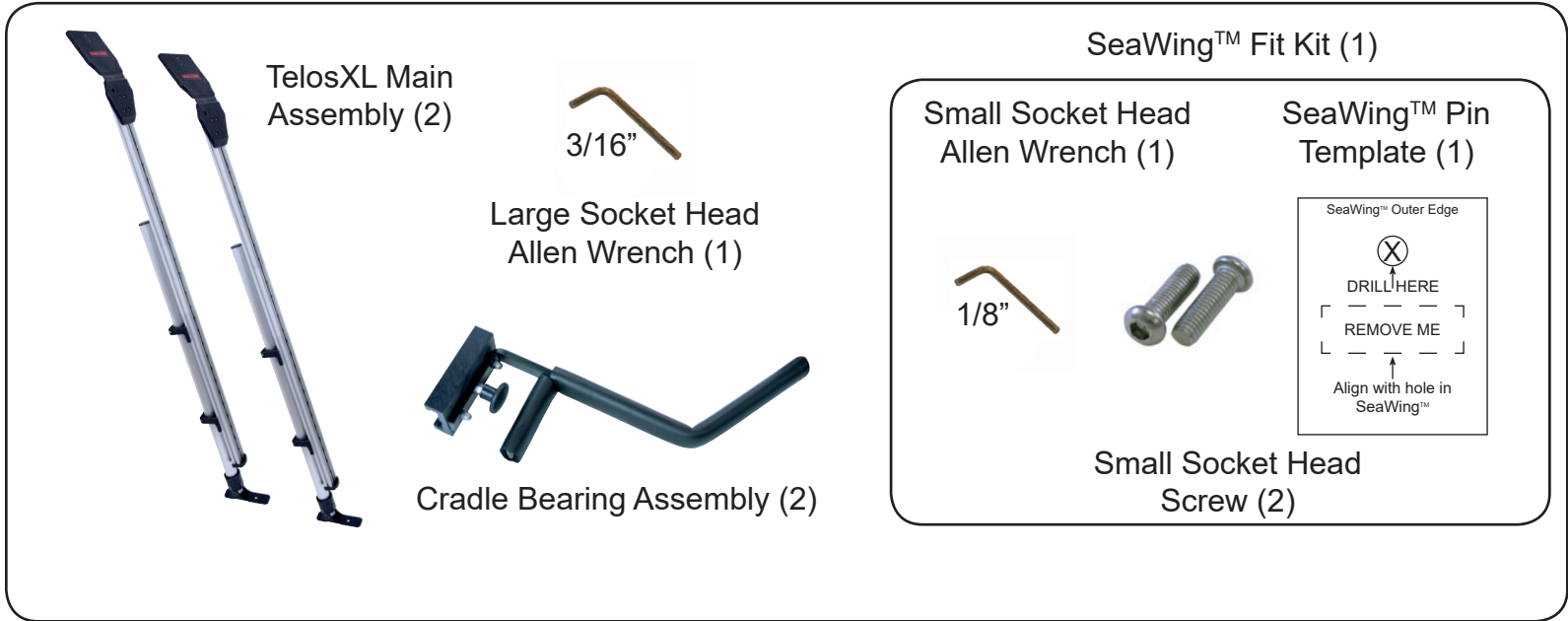


Installation & Loading Instructions - Please Read Before Beginning

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.

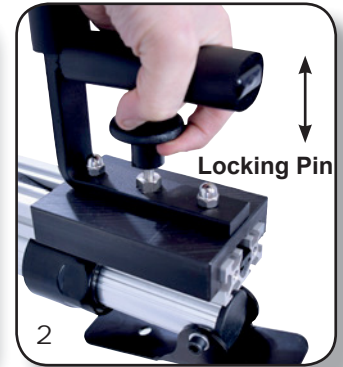
It is critical that all Malone racks and accessories be properly and securely attached to your vehicle. Improper attachment could result in a serious accident, and could cause serious bodily injury or death to you or to others. You are responsible for securing the racks and accessories to your car, checking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

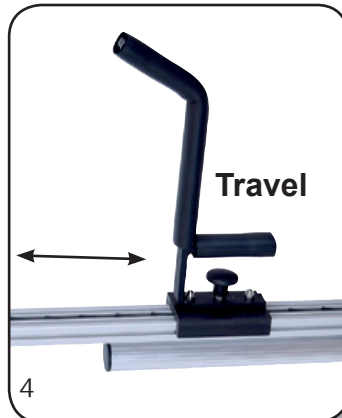


ASSEMBLY (Installing the cradle bearing to the TelosXL™ main assembly)

- 1). Using the large 3/16" allen wrench, begin by removing the end-cap at the bottom of the main assembly. See figure 1.
- 2). Align the cradle bearing to the front side of the main assembly and slide it on until it stops by the lower lockout. Pull up on the locking pull pin and slide the bearing past the lower lock-out. See figure 2.



- 3). Reattach the end cap. Note the rounded edge faces upwards. See figure 3.
- 4). Test and confirm smooth travel of the bearing by sliding it back and forth. Push to raise, pull the locking pin to lower. Repeat for second bearing and main assembly. See figure 4.



This concludes the assembly.

INSTALLATION & USE *(Installing the TelosXL™ to the Loading Ramp of the MPG106, MPG114, MPG118)*

First, confirm that the kayak carriers are secure and located directly inside the cross rail towers. You'll dress the straps as described in your kayak carriers instructions.

NOTE: NEVER MOUNT THE CARRIERS OUTSIDE OF THE CROSS RAIL TOWERS. THIS APPLIES TO BOTH FACTORY AND AFTER-MARKET CROSS RAILS.

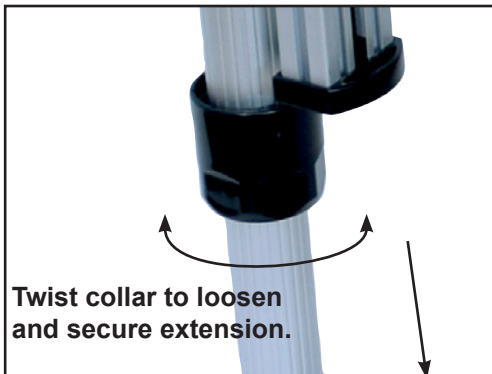
1). Position the TelosXL™ so the attachment clip is located on the rear of the top mounting plate and aligns with the slot in the carriers loading ramp. See figure 1.

Insert and pull-down to engage the attachment clip.

2). With the top plate secured, loosen the knobs on the assembly connector on the backside and slide the extender downwards until the black locking collar is clear of the bottom. Fully tighten the knobs. See figure 2

3). Loosen the black locking collar and slide the extension out to the desired length to reach the ground. Twist to secure the collar in place and flip the foot pedal out to complete installation. See figures below.

NOTE: When extending the TelosXL™ to the ground we want to keep the unit as close to the vehicle as possible, or as vertical as possible without making contact. This will insure easier function and use.

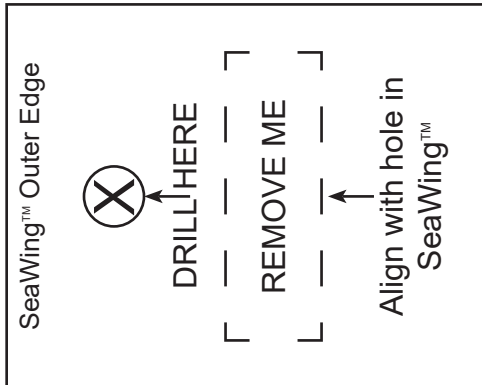


This concludes the J-Style installation.

INSTALLATION & USE (*Installing the TelosXL™ to the MPG107 SeaWing™*)

NOTE: Using the TelosXL™ with older SeaWing™ carriers requires the user to drill a small hole and replace a bolt in the top mounting plate. Use the provided template below to insure proper placement of the required hole if your carriers do not have one already.

IF your carriers contain this hole already, just install the longer bolt as pictured below and skip to the next steps.



1). First, remove the template above and carefully cut out the center hole marked 'remove'.

2). Place the template over the SeaWing™ outer hole as pictured below and mark the location of the required hole.

3). Using a 3/8" bit, carefully drill the hole into the SeaWing™. Repeat these steps for the 3 remaining holes.

4). Remove the top bolt securing the attachment clip and replace it with the longer one provided.

This new bolt will act as a pin, preventing the Telos form moving during the loading procedure.



First, confirm that the kayak carriers are secure and located directly inside the cross rail towers. You'll dress the straps as described in your kayak carriers instructions.

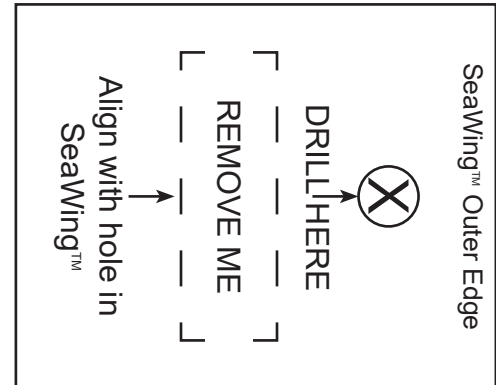
NOTE: NEVER MOUNT THE CARRIERS OUTSIDE OF THE CROSS RAIL TOWERS. THIS APPLIES TO BOTH FACTORY AND AFTER-MARKET CROSS RAILS.

INSTALLATION & USE (*Installing the TelosXL™ to the MPG107 SeaWing™*)

NOTE: Using the TelosXL™ with older SeaWing™ carriers requires the user to drill a small hole and replace a bolt in the top mounting plate. Use the provided template below to insure proper placement of the required hole if your carriers do not have one already.

IF your carriers contain this hole already, just install the longer bolt as pictured below and skip to the next steps.

CUT ME OUT



1). Position the TelosXL™ so the attachment clip is located on the rear of the top mounting plate and aligns with the slot in the SeaWing™. See figure 1.



Insert and pull-down to engage the attachment clip and seat the bolt into the hole. The bolt prevents the Telos™ from rotating during the loading procedures.

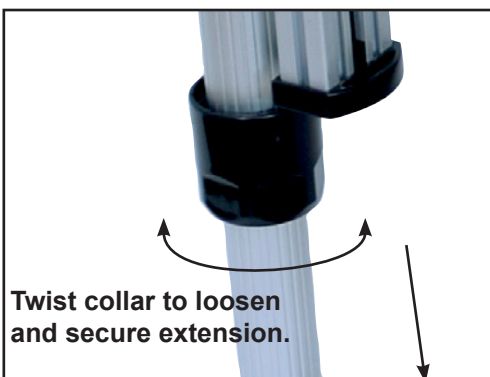
2). With the top plate secured, loosen the knobs on the assembly connector on the backside and slide the extender downwards until the black locking collar is clear of the bottom. Fully tighten the knobs. See figure 2



3). Loosen the black locking collar and slide the extension out to the desired length to reach the ground. Twist to secure the collar in place and flip the foot pedal out to complete installation.

See figures below.

NOTE: When extending the TelosXL™ to the ground we want to keep the unit as close to the vehicle as possible, or as vertical as possible without making contact. This will insure easier function and use.



This concludes the Saddle Style installation.

LOADING & UNLOADING YOUR KAYAK

1). Begin with pulling up on locking pin and lower the cradle bearings to their lowest point.

Fold the side mirror in to avoid contact and damage.

Lift and gently place kayak into the cradles with the cockpit facing out. Position the kayak so it is vertical.

**NOTE: If the kayak does not fit into the cradles - STOP.
Call Malone for details.**

2). Grip the lower section of one cradle while stepping on the foot pedal. Gently apply upward pressure and raise the kayak 6"- 8". The mechanism will automatically lock in place when pressure is released.

3). Grip the lower section of the other cradle (while stepping on the foot pedal). Gently apply upward pressure and raise the kayak 12"-16".

NOTE: This is only a approximate distance. You will find your own 'comfort zone' of distance to lift based upon individual size and kayak weight.

4). Continue to raise the kayak in this fashion (front then rear) until the top locking position is reached for both cradles.

NOTE: This process should be done in a slow controlled manner. Avoid getting either the front or rear of the kayak at too great of an angle.

5). Standing directly between the cradles, grip the bottom of the kayak and gently push up and in, allowing the kayak to rotate and drop down into the carriers.

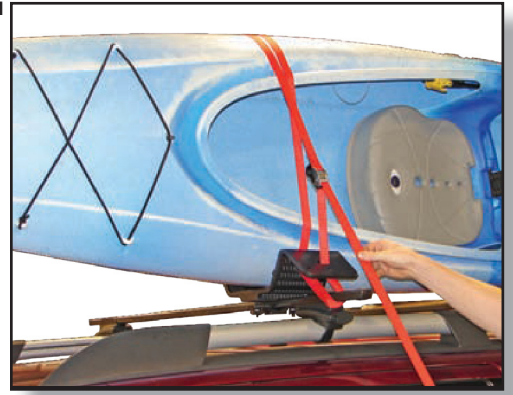
Note: Sometimes it is easier and requires less effort to maneuver the kayak into the carriers one side at a time.

Note: If the vehicle is too high, we recommend a small foot stool be used during this process. The unit should be portable so that it can be taken to the put-in site.



LOADING & UNLOADING YOUR KAYAK CONT.

6). With the kayak now loaded into the carriers, remove the TelosXL™ assembly from the vehicle and dress the straps as defined in your carriers instructions.



1). To lower the kayak, unbuckle the straps and install both TelosXL™ assemblies as described in the beginning steps.

Raise both cradles to the top position and carefully push up and pull out the kayak so it slides down the loading ramp of the carrier and into the TelosXL™ cradles.



2). Grip the lower section of one cradle and gently apply upward pressure. With the other hand, pull the locking pin out and slowly lower the kayak 6" to 8".

Release the locking pin to stop downward travel.

Repeat process for other cradle. Continue to lower the kayak in this manner until the cradles reach the bottom.



3). Remove the kayak from the Telso™ cradles
Remove the TelosXL™ assemblies and store away.
Remove all load straps.



Compress size & Store in the vehicle when not in use.

Accept no compromises, choose only quality roof racks & cargo carriers.