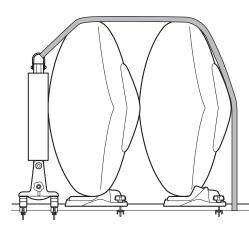
Manual INA450 Kayak Attachment 2 Instruction



Thank you for purchasing the INNO Kayak Attachment 2. This product is an attachment for INNO System Carrier to attach baggage on the vehicle roof. This instruction manual explains how to mount and use the Kayak Attachment 2.

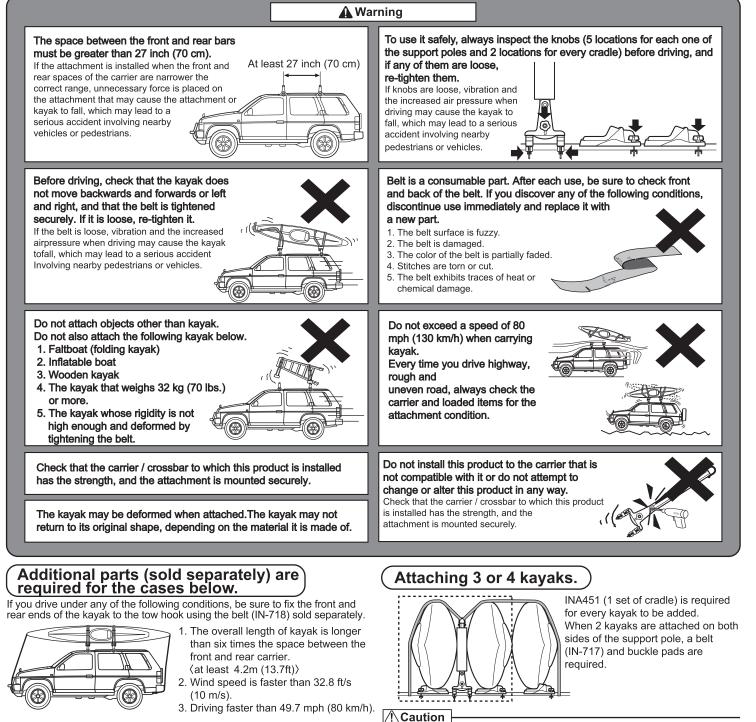
Please read through this manual thoroughly before use, and make sure that you follow all of the instructions carefully. Keep this instruction manual in a safe and accessible place so that you can refer to it when necessary.

If you give this product to a third person, provide this manual to ensure safe installation and usage.

Warning Failing to observe these cautions may lead to accidents that may cause death or serious injury.

Caution Failing to observe these attentions may lead to injuries, or damages to the product, vehicle, and loaded items.

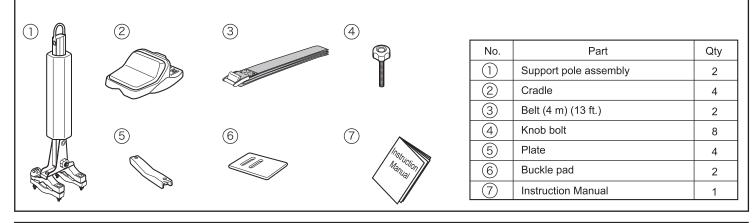
These notes explain points that you should know about when using the product.



Maximum loading capacity varies depending on vehicle type.

1 PARTS INCLUDED

This product contains the following parts. Verify that all parts are included.



Suitable Crossbar Size

3.5 inch (90 mm)

2 Install the base carrier

Mount the INNO Basic Carrier / the factory carrier / crossbars securely to the vehicle.

This attachment can be installed to the INNO Basic Carrier as well as the factory and aftermarket carrier/crossbars (*1).

*1 : Some sizes of crossbar require the ISF711 and ISF716 long bolt (sold separately).

*2 : Mounting the attachment to a round bar requires the ISF715 round bar adaptor (sold separately).

A Warning

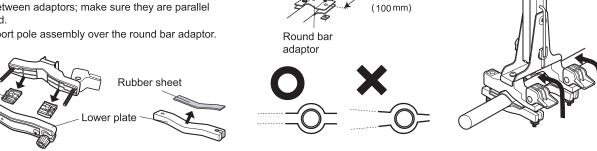
- Check the instruction manual of either the carrier or the vehicle to ensure that the carrier / crossbar to which the attachment is installed has enough strength. If for any reason the carrier does not have enough strength, do not install it.
- The space between the front and rear carriers must be greater than 27 inch (70 cm).

If you are able to adjust the front and rear spaces, adjust them as wide as possible to make it more stable

3 Installing Carrier on Aftermarket Round Bars

Round bar adaptor (ISF715) is sold separately.

- (1) Remove the rubber pads from the top half of the clamps.
- (2) Remove the rubber sheet from the lower plate.
- (3) Mount round bar adaptors with a distance of 3.9 inch (100 mm) between adaptors; make sure they are parallel to the ground.
- (4) Put the support pole assembly over the round bar adaptor.



Round

bar

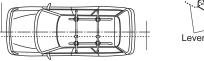
4 Fixing the support poles

Fix the front and rear support poles to the carrier bars, so that they become parallel to the traveling direction of the vehicle.

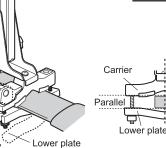
- (1) Loosen both knobs on the rear plate, and place the carrier on the base carrier / crossbar.
- (2) Hook the knob on the lower plate, and tighten it moderately.
- ③ Return the lever, and fix it firmly.

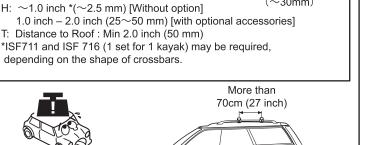
Center line of the vehicle

Rubber pad



Center line of the front and rear support poles





Suitable Round Bar Size

D :

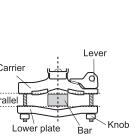
-1.2 inch

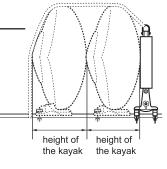
(~30mm)



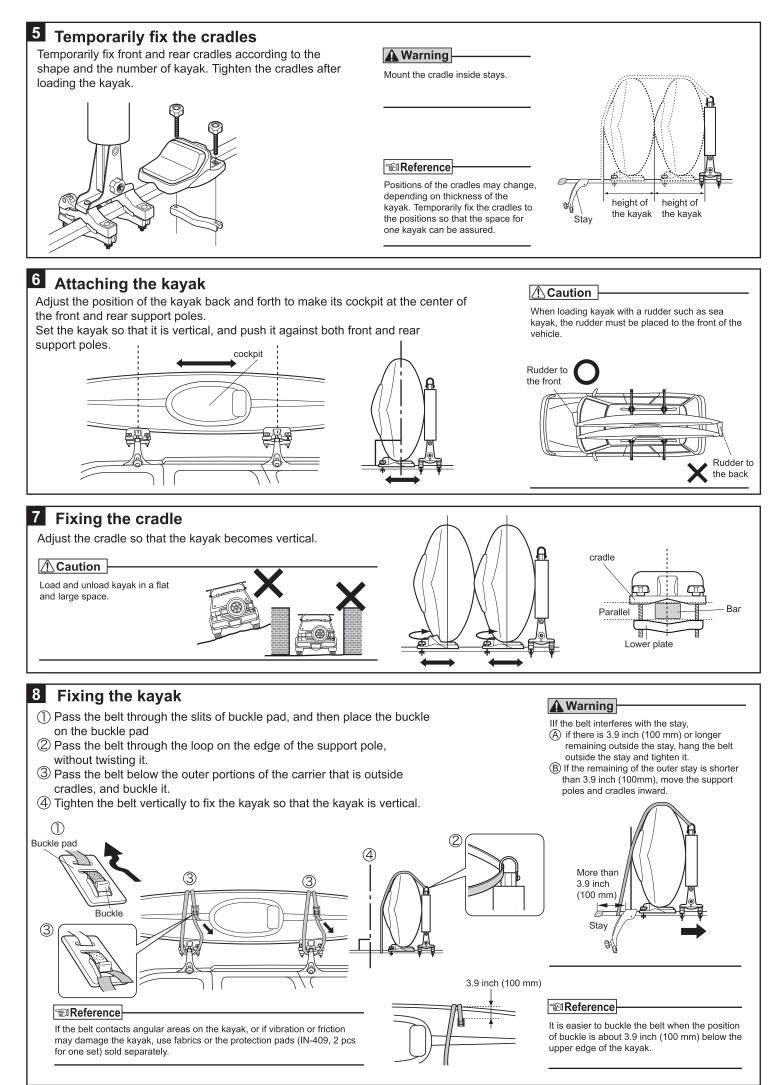
3 9 inch

Fix the support poles to the position where plenty enough space for height of the kayak can be ensured (double the space when two kayaks are attached).





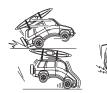
US-2



9 Double check For security, it, check the kayak for looseness. If it is loose, re-tighten knobs and the Reference belt. Reference If the kayak won't be fixed securely by re-tightening the belt, go back to the 6 Attaching the kayak) step and redo the procedures. Check the kayak for bend or deformation when re-tightening the belt. Excessive deformation/bend may not recover. 10 Driving Every time you drive highway, rough and **Warning** uneven road, always check the carrier Ilf you drive under any of the following and loaded items for the attachment conditions, be sure to fix the front and rear ends condition. of the kayak to the tow hook using the belt (IN-718) sold separately. A Warning Check the instruction manual of either the carrier or the vehicle to ensure that the carrier / crossbar to which the attachment is installed has enough strength. If for any reason the carrier does not have enough strength, do not install it. The space between front and rear carriers must be greater than 27 inch (70 cm). If you are able to adjust the front and rear spaces, adjust them as wide as possible to make it more stable. **Caution** Watch for objects above, front, and rear of the vehicle while driving. If you accidentally hit the kayak, be sure to check the carrier and the kayak for the attachment condition.

Do not leave a belt margin hanging down. Roll it up to avoid the belt from flopping.





- 1. The overall length of kayak is longer than six times the space between the front and rear carrier. (at least 4.2m (13.7ft))
- 2. Wind speed is faster than 32.8 ft/s (10 m/s). 3. Driving faster than 49.7 mph (80 km/h).



Avoid sudden start, abrupt steering, and sudden brake. If you could not avoid unsafe driving, always check the carrier and loaded items for the attachment condition.

I Caution

Do not leave the kayak tightened with belt for extended period. Tightening the kayak with the belt causes deformation. Do not attach the kayak if the deformation does not recover.

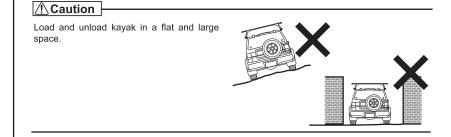
11 Taking down the kayak

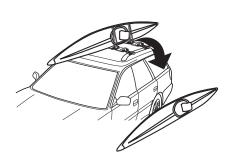
6 LO

- (1) If extra belts are used to tighten front and rear of the kayak while driving, take them off before unloading the kayak.
- (2) Loosen the fixing belt, and make sure the kayak won't fall.
- ③ Remove the fixing belt.
- (4) Take down the kayak.

Reference

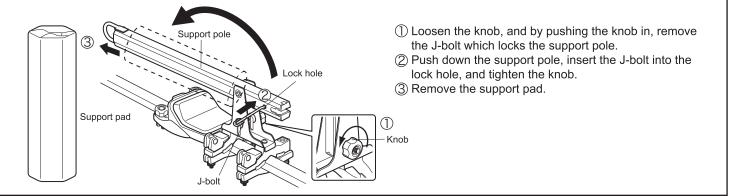
When two kavaks are attached, be sure that the second kayak won't fall after taking down the first one.





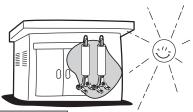
12 Folding the support poles

Push the support pole down, and remove the support pad when kayak is not attached.



13 Maintenance and storage

Store the attachment in a dry place indoors, out of direct sunlight.



BReference

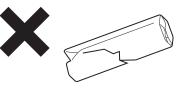
When not in use, remove the carrier from the vehicle and store it to protect it from lust or deterioration caused by rain or UV rays.

Reference

Put small parts such as knobs together in a plastic bag and store them along with the attachment.

▲Caution

Support pad is a consumable part. When not in use, remove the support pad from the carrier. If you discover any deep damage or breakage on the support pad, replace it with new one. If the support pad is not used, it may cause damage to the attached items.





A Warning

Belt is a consumable part. After each use, be sure to check the front and back of the belt. If you discover any of the following conditions, discontinue use immediately and replace it with a new part.

- 1. The belt surface is fuzzy.
- 2. The belt is damaged.
- 3. The color of the belt is partially faded.
- 4. Stitches are torn or cut.
- 5. The belt exhibits traces of heat or chemical damage.

Spare Part Information

The following genuine spare parts are available for this product. If you require spare parts, take the part to the dealer where you bought the

