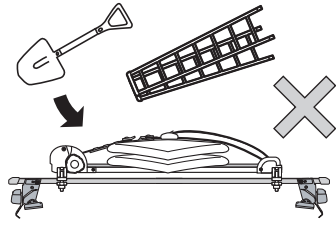
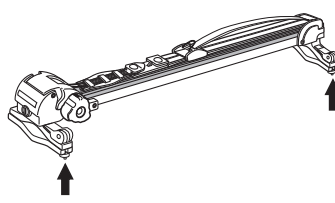
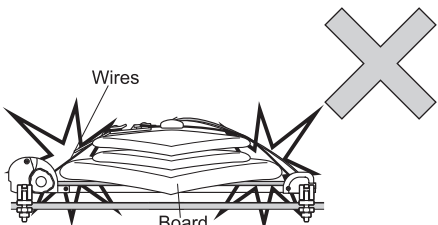
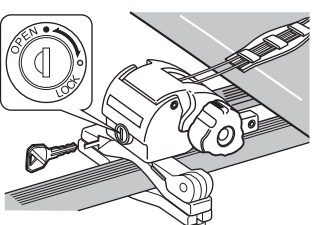
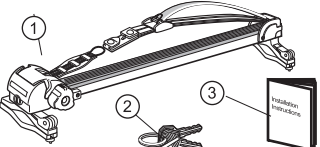


The following Installation Instructions explain how to mount and use the INNO system carrier attachment system designed for loading 3 surf boards or 2 long boards. After reading this manual, keep it in a safe place along with the installation instructions for attachment systems.

CAUTION	Failing to observe these cautions may lead to accidents that may cause death or serious injury.	ATTENTION	Failing to observe these attentions may lead to injuries, or damage to the roof box, vehicle, and surrounding objects.
Note	These notes explain points that you should know about when using the roof box.		

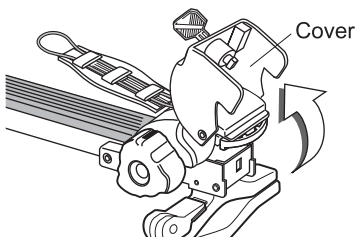
CAUTION	
<p>This is a dedicated attachment for carrying up to 3 short surfboards or up to 2 long or sail boards. Maximum loading capacity varies depending on vehicle type. Check appropriate limits for your car in the Fit Guide. Do not load objects other than surf or sail boards. Follow the illustrations below when loading boards.</p> 	 <p>After installing and before driving the vehicle, shake the attachment in all directions to ensure that there is no looseness in any of the four mounting knobs. Retighten any loose knobs.</p>
<p>If multiple bare boards are stacked, do not allow cables to contact boards. Cables may scratch board surface.</p> 	<p>Be sure to lock cover with key before driving. If cover is not locked, release lever may open accidentally causing board to drop. This system is a theft deterrent. Boards should not be left unattended for long periods of time.</p> 

The Board carrier includes the parts listed below. Verify that all parts are included with the carrier you have purchased. In the event any of these is missing, contact our service center as listed at the end of this manual.



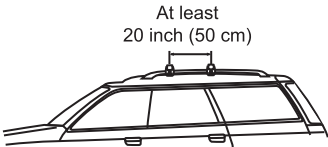
No.	Part	Qty
①	Frame bar assembly	2
②	Key	1
③	Installation Instructions	1

2 Release the lock and open cover.



Preparing for Installation

The distance between the front and rear carriers must be at least 20 inch (50 cm). If necessary, adjust after-market or factory-installed crossbars to meet this minimum distance.

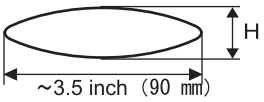


At least
20 inch (50 cm)

This product will fit square, round & most factory crossbars.*1
If you do not have factory crossbars, mount the carrier stays and bars according to the procedures described in the Basic Carrier System Installation Instructions.

*1: Round bars require adapter (sold separately)
Some factory crossbars require long bolt kit (sold separately)

MAXIMUM CROSSBAR SIZE



H : ~1.2 inch (30 mm) [Without option]
1.2~2.0 inch (30~50 mm) [Needs long bolt kit]

3

For installation on Factory Cross Bars go to step **4**

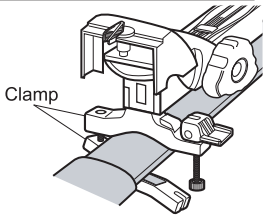
For installation on Aftermarket Round Bars go to step **7**

For installation on Aftermarket Square Bars go to step **9**

4 **Note**

It is possible in the course of normal use, the carrier may leave marks on the crossbars.

Open the clamp by pulling the lever until it is pointing away from the carrier as in the illustration. Slide the knob out from the lower half of the clamp. Loosen both knobs so that they are at their loosest position. Place the carrier onto the cross bar.



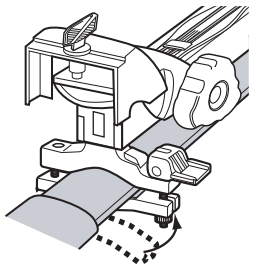
Installing Carrier on Factory Cross Bars

1 Mount your base rack system according to the procedures described in the installation instructions for the rack. Consult your vehicle's owner's manual for information regarding the operation of your factory-installed rack if it will be used for this application.

CAUTION

The distance between the front and rear crossbars should be at least 20 inch (50 mm)

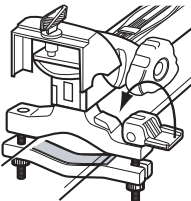
5 Slide the lever-side knob back into the slot in the lower half of the clamp. With the lever in the opened position, tighten both knobs until you just begin to feel tension. Do not overtighten. Try to keep the lower half of the clamp parallel to the bottom of the crossbar when adjusting knobs.



Installing Carrier on Factory Cross Bars

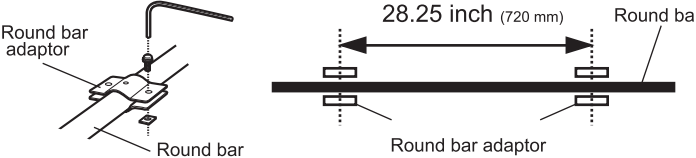
6 Close the lever. In the closed position, the smooth side of the lever should face up. If the lever is too tight to close, loosen it by turning it counter-clockwise one complete revolution. Try to close the lever again. Repeat this procedure until you can close the lever.

Note
The lever should not be too easy to close. If the lever is too easy to close it may not be tight enough. Make sure to check that the clamp is mounted securely by checking for play between the clamp and crossbar.



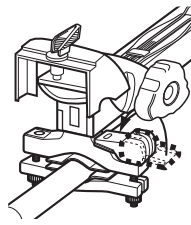
Installing Carrier on Factory Cross Bars

7 Remove the rubber pads from the top half of each clamp. Install the 2 round bar adapters (sold separately) on each bar keeping a distance of 28.25 inch (720 mm) between adapters. This distance is measured from the center of the adapter. Mount adapters so that they are parallel to the ground.




Installing Carrier on Aftermarket Round Bars

8 Place clamp over the round bar adaptor. Continue following the mounting directions for "Installing Carrier on Factory Cross Bars".



Installing Carrier on Aftermarket Round Bars

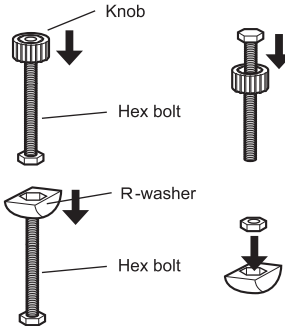
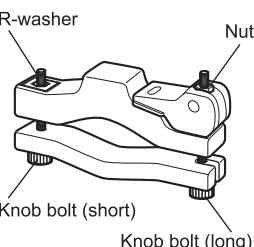
9 Remove the rubber pads from the top half of the clamps. Follow the mounting directions in the "Installing Carrier on Factory Cross Bars" section.



installing Carrier on Aftermarket Square Bars

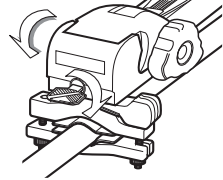
If the space between the crossbar and the roof is tight, the tip of the bolt may contact the roof. If this happens, reverse the hex bolt according to the following steps.

1. Remove the plastic knob from the nut by pushing down on it as in the illustration.
2. Remove the R-washer from the other bolt in the same manner.
3. Insert the hex bolt into the knob remove in step "1".
4. Insert the nut into the R-washer.
5. Insert the knob bolt through the lower clamp and tighten.
6. Continue following the steps in the Installation manual.

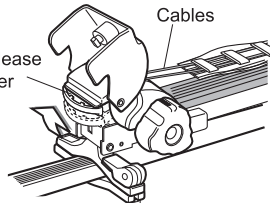
Installing Carrier on Factory Cross Bars

10 Close cover and lock with key.

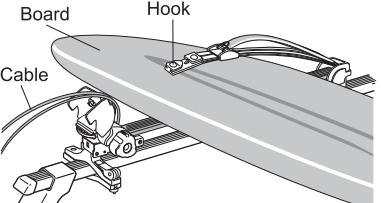


11 Using the Board Carrier Loading boards:
Release lock, open cover and draw out cable while lifting release lever.

Note
Cable cannot be drawn out unless release lever is lifted.

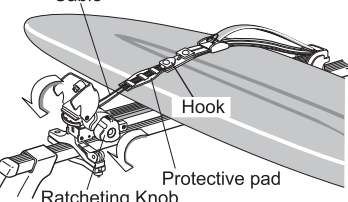


12 Remove cable from hook and load board.



13 Guide cable loop over hook and turn ratchet knob with both hands to reel in cable.

CAUTION
Be careful not to overtighten cable as board may crack or deform.



14 Adjust position of protective pad on cable so that it contacts and protects the edge of board.

CAUTION
When stacking multiple bare boards, do not allow cable to contact boards.

Protective Pad

Board

Cable

15 Close cover and lock with key.

CAUTION
If cover is not locked, release lever may open accidentally, causing board to drop.

Note
Cover will not stay closed unless locked by key.

Genuine Replacement Parts

The following genuine replacement parts are available for this carrier. Specify the part number when ordering any part from the store where you purchased your system.

Note
The specifications and external appearance of the carrier system and genuine replacement parts are subject to change without prior notice in the interest of product improvement.

