

# inno. Roof Box Instruction Manual Also for **US** DUAL OPEN

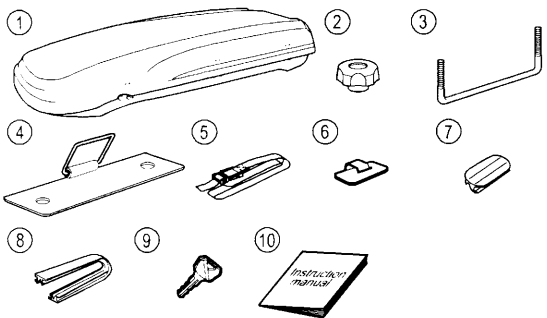
Thank you for purchasing the INNO Roof Box. Please read this instruction manual thoroughly before using your roof box. Store this manual in a safe place where anyone using the roof box can use it for reference. If for any reason you lend/sell this roof box to someone else, please make sure that you also give them this instruction manual. If any sections of this manual are unclear or difficult to understand, please contact the service center shown in this manual.

**CAUTION** Failing to observe these cautions may lead to accidents that may cause death or serious injury.  
**Note** These notes explain points that you should know about when using the roof box.

**ATTENTION** Failing to observe these attentions may lead to injuries, or damage to the roof box, vehicle, and surrounding objects.

## Check the Product Contents

This roof box contains the following parts. Check to make sure you have all of the necessary parts. If for some reason you find that a part is missing, contact the service center listed in this manual.

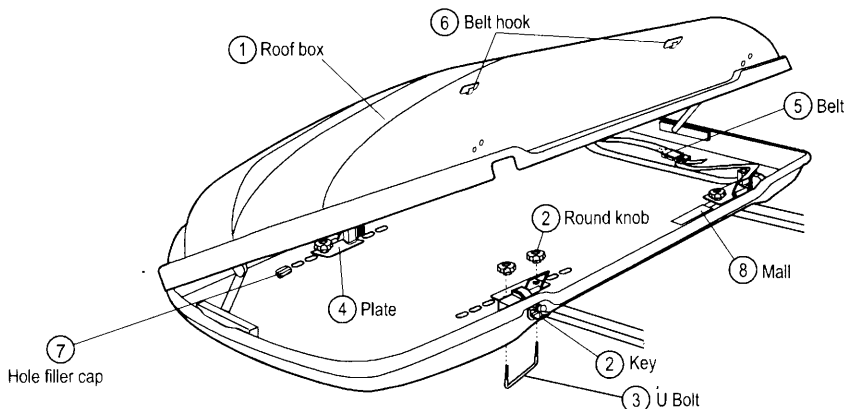


NO.	Part	Quantity	NO.	Part	Quantity
①	Roof box	1	⑥	Belt hook	2
②	Round knob	8	⑦	Hole filler cap	Noted separately
③	U Bolt	4	⑧	Mall	2
④	Plate	4	⑨	Key	2
⑤	Belt	2	⑩	Instruction manual (this manual)	1

[Hole filler cap quantity]

BR440/430	10	BR580/590	6
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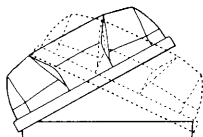
## Assembly Diagram



## Opening and Closing

### Dual Open (Open/close from either side)

This roof box can be opened and closed from both the left and right hand sides.

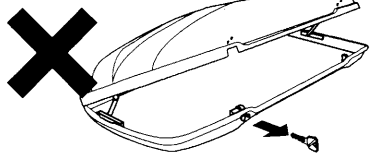


### ATTENTION

Do not open the left and right side covers at the same time. Always make sure you completely close one side before opening the opposite side.

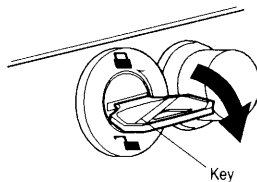
### ATTENTION

The key cannot be pulled out while the cover is open. If you want to pull the key out, first close the cover, then turn the key and remove it.

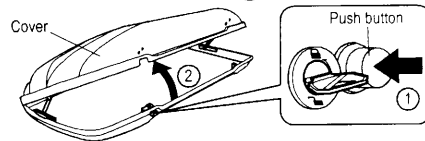


### Opening the Cover

1 Insert the key into the key cylinder, and turn the key 90° in the " " direction.



2 While pressing and holding the push button ①, raise the roof box cover ②.



### Note

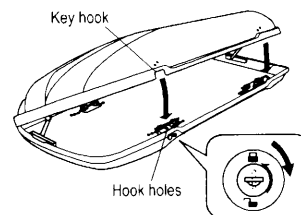
If the cover catches against something or is difficult to open, do not force it open. Close the cover, then raise it again making sure that it remains level.

### Closing the Cover

1 Check that the key is in the " " position, close the cover on a level so that the two\* key hooks on the front and rear of the cover fit into the hook holes at the same time, and close the cover firmly so that you hear a "click" sound.

If you try to close the cover when the cover is slightly twisted, the key hooks will not fit into the holes correctly.

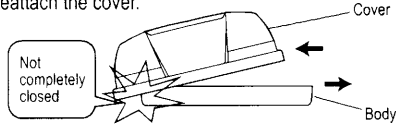
\* BR430/440 have 3 holes.



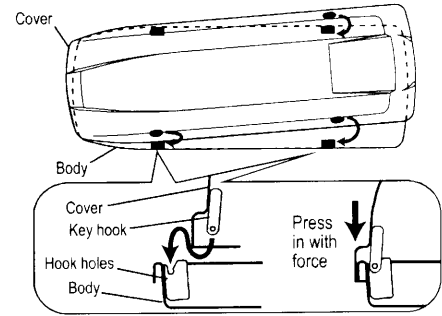
# Opening and Closing

## If the Cover Detaches from the Body

If the hooks on one side of the box are not completely closed by mistake and you attempt to open the other side, the cover may become detached from the body. If this happens, follow the procedures below to reattach the cover.



- 1 Find the reason why the hook is not closed properly (too many items loaded in the roof box, something trapped in the hook hole etc.), and remove the problem.
- 2 Adjust the position of the cover and body so that the key hooks and hook holes line up.
- 3 Press the hook sections downwards with the necessary amount of force until you hear a "click" sound.

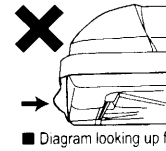
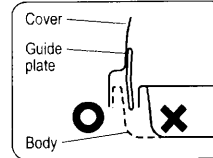
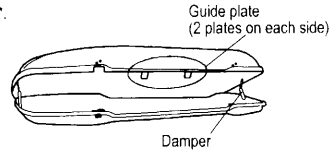


### ATTENTION

When lining up the cover and body, make sure you do not trap the guide plate\*. (Trapping the guide plate will make the shape of the cover distort as shown in the diagram on the right.)

When closing the cover, do not hold the damper or the area around the damper. Doing so may cause you to trap and injure your hand.

\* BR430/440 do not have the guide plate.



# Installing the Carrier

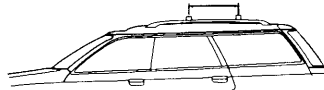
## Before Installing

- 1 Make sure you have crossbars (factory or 3rd party) to attach your cargo box. If you do have front and back cross bars please continue else go to our website: [www.innoracks.com](http://www.innoracks.com) for a local dealer.
- 2 Please consult your vehicle manual for the load roof capacity of your vehicle.

## Adjusting your Cross Bars

- 1 You need to adjust the distance between your front and rear cross bar before mounting your cargo box.

Recommended 31.5 inch (80 cm)  
Minimum 23.6 inch (60 cm) or longer



### ATTENTION

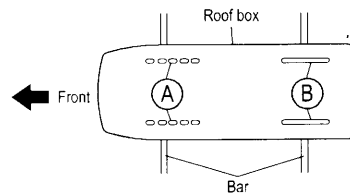
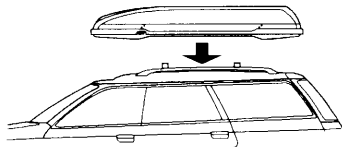
Make sure the distance between the front and back bars is more than 23.6 inch (60 cm). If the distance between the front and back bars is too narrow, too much pressure will be exerted on the roof box, which may cause it to fall off the vehicle.

### Note

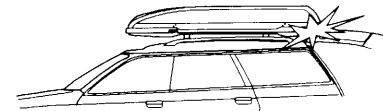
If you can adjust the distance between the front and back bars, a distance of approximately 31.5 inch (80 cm) will provide stability for the box, and will also reduce the load concentration on the vehicle.

## Deciding the Installation Position of the Roof Box

- 1 Temporarily place the roof box onto the bars.
- 2 Open the roof box, and slide the roof box forwards and backwards to align the roof box installation holes (A) and (B) with the front and back bars to decide the installation position.



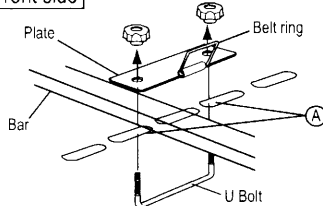
- 3 At this time, open the trunk (boot) of your vehicle to make sure it does not hit the roof box. If the trunk (boot) hits the roof box, either move the position of the roof box, or change the installation position of the cross bars.



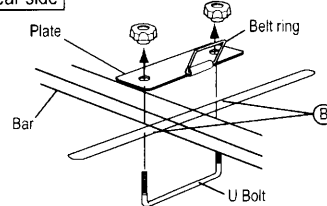
## Installing the Roof Box

- 1
  - 1 Place the plate on the outside of the belt ring, lined up with installation holes (A) and (B).
  - 2 Pass the U bolt through the plate holes from underneath the bar.

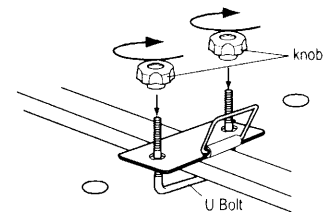
Front side



Rear side



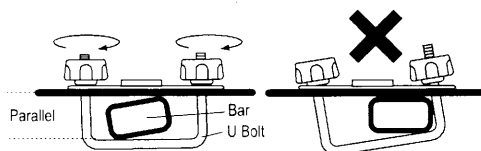
- 2 Tighten both the left and right U bolt knobs in alternation.



### Note

When tightening, make sure you do not trap the belt rings with the knob.

Depending on the make and model of vehicle, the bar may be slanted compared to the roof box base. Adjust the lever knob and round knob, and ensure that the roof box and U-bolt are about parallel when installing the roof box.



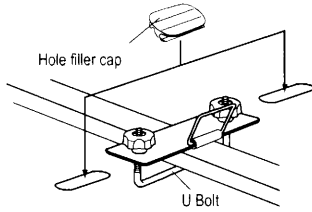
### CAUTION

Always make sure that the U-bolt is about parallel with the roof box. Failing to do so may cause the knobs to loosen while driving causing the roof box to fall off the vehicle. This may cause an accident involving other vehicles on the road or passers by.

# Installing the Carrier

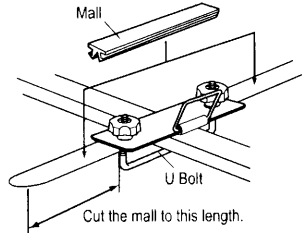
## 3 Front side

Insert hole filler caps from the top side into all of the other holes that you did not pass the U-bolt through.



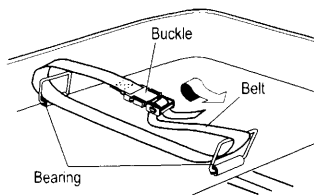
## Rear side

Cut the mall to the same length as the long hole, and insert it firmly from the top side.

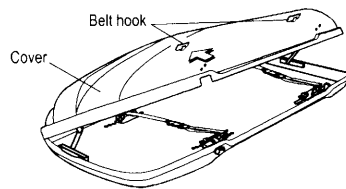


## Installing the Belt/Belt Hooks

1 Pass the belt through the belt rings, and then pass it through the buckle.



2 Stick the belt hooks onto the upper side of the belts, in a position so that the belt can be hooked easily onto the inner side of the cover.

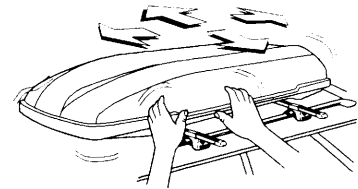


### Note

After sticking on the belt hooks, leave the hooks for 24 hours without hooking on the belts so that they attach securely.

## Checking the Roof Box Installation

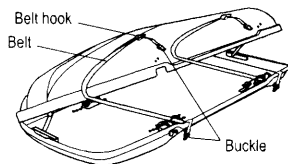
1 Shake the roof box forwards and backwards, and left and right to check whether there is any rattling due to loose knobs, and to check that the carrier is fixed securely on the vehicle. If you can hear or feel rattling, tighten all installation sections again.



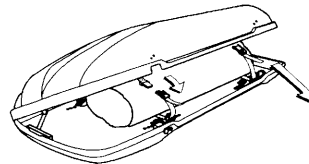
# Using the Roof Box

## Loading the Roof Box

1 Remove the belt buckles, and hook the belts onto the belt hooks.

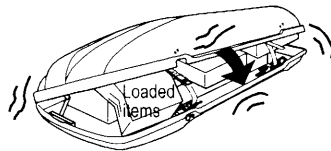


2 Unfasten the belts that you hooked onto the belt hooks, insert into the buckle and tighten the belt.



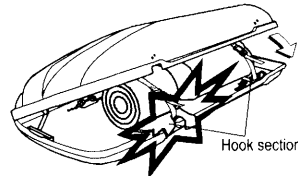
### ATTENTION

If you over fill the box and try to force the cover closed, the cover may not close securely, or the box or contents inside may become damaged.



### ATTENTION

When closing the cover, make sure that you do not trap loaded items in the hook section.



### CAUTION

When driving with items loaded into the box, always fix the items in place with the belts.

### Note

If the items are not fixed down enough, they may move around during transit, causing the cover to become difficult to open. If this occurs, press the button while pushing the cover down.

The maximum load weight is 110 lbs (50 kg). Also, load items so they are flat and distributed evenly within the box. In particular, do not load items that weigh more than 22 lbs (10 kg) at the front side of the box.

### Note

- Loading more than 110 lbs (50 kg) of items into the box, or loading items into only the front or the back of the box may cause damage to the roof box, or it may cause the box to fall from the roof of the vehicle.
- There may be additional weight limits depending on the make and model of vehicle. Check for any additional limitations in the vehicle compatibility list in the store.

## Calculating the maximum loading capacity

Maximum loading capacity (in the range that does not exceed 110 lbs (50 kg))

= Maximum loading capacity in vehicle compatibility list

- (Weight of roof box

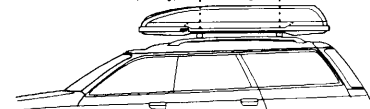
+ Weight of other attachments

+ Weight of objects loaded onto other attachments)

(When using in combination with other attachments.)

### Maximum 110 lbs (50 kg)

Front side	Center	Back side
22.0 lbs	59.5 lbs	28.6 lbs
(10 kg)	(27 kg)	(13 kg)



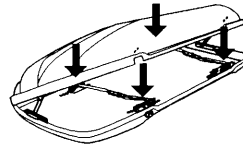
## ⚠ CAUTION

### Do not exceed the posted speed limit



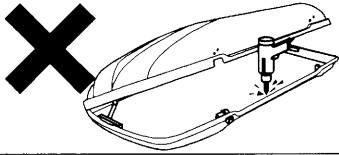
Do not exceed a speed of 80 mph (130 km/h) when carrying ski or snowboard. And observe legal speed limit. Also, reduce your speed accordingly when driving in strong wind conditions or in bad road conditions.

### Checking for Looseness



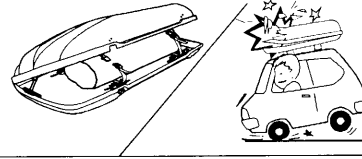
Before driving, check the 4 installation locations for looseness. If any of the installation sections are loose, re-tighten them.

### Alterations Prohibited



Do not alter the product in any way by drilling holes in it etc.. This will void the warranty of the product.

### Hold loaded items with the belts



Always use the belts to hold loaded items in place. Failing to do so may cause damage to the loaded items or roof box, or may cause the loaded items to fall out if you brake sharply.

### Items that cannot be loaded

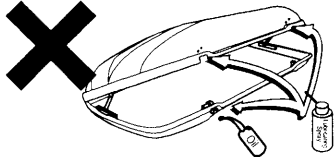


1. Any type of spray can that utilizes high pressure gas
2. Flammable liquids including gasoline, paraffin etc.
3. Precision mechanical equipment
4. Living creatures (pets etc.)
5. Raw items (vegetables etc.)

The inside of the roof box may become hot because it is exposed to direct sunlight. Loading the above listed items into the roof box may cause explosions or fire, death through dehydration, damage or deformation due to heat, or decomposition.

The items shown above cannot be loaded into the roof box.

### Use of oils, thinners (including paints) etc. prohibited



Using any type of lubricating spray, oil, grease, thinner, or detergent may cause the roof box materials to deteriorate, which may cause damage to the roof box, or may cause the roof box to fall from the vehicle. Do not apply oil to the key or hinge sections.

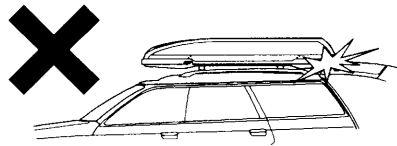
### Close the cover securely



Close the cover securely. Failing to do so may cause the cover to open while driving allowing the loaded items to fall out, or the roof box may become damaged or fall from the roof of the vehicle due to wind pressure.

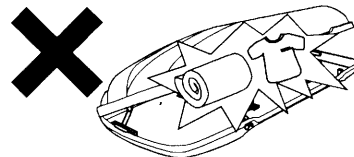
## ⚠ ATTENTION

### Trunk (Boot) Caution



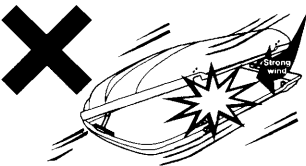
Make sure that the rear door or trunk (boot) door does not hit the roof box when opening.

### Not fully waterproof



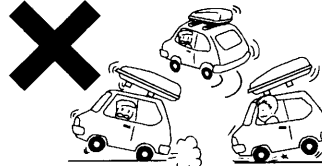
The roof box is not constructed to be complete waterproof. Therefore, loaded items may get wet due to strong rain etc..

### Caution opening and closing during strong winds



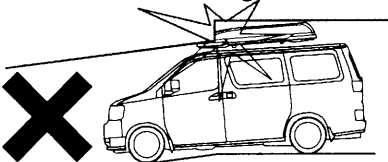
Opening and closing the roof box in strong gusts or when it is particularly windy may cause damage to the roof box, or may cause you trap your hands etc. in the box causing injury.

### Avoid sudden maneuvers



Avoid sudden starts, sudden turns, and sudden braking as much as possible. Performing such maneuvers may cause the installation sections of the carrier and roof box to slide out of place, which may cause damage to the vehicle or roof box.

### Caution: Vehicle height



Always remember that the vehicle's height has increased when the carrier is installed.

### Use of automatic car washes prohibited



Always remove the carrier before using an automatic car wash.