

Installation Instructions

Before using the Mounting hooks, carefully read this installation instruction as well as the installation instructions for basic carrier systems, and follow all usage instructions. After reading the manual, keep it in a safe place along with the installation instructions for basic carrier systems. If you are to give the mounting hooks to a third person, provide this manual to ensure safe installation and usage.

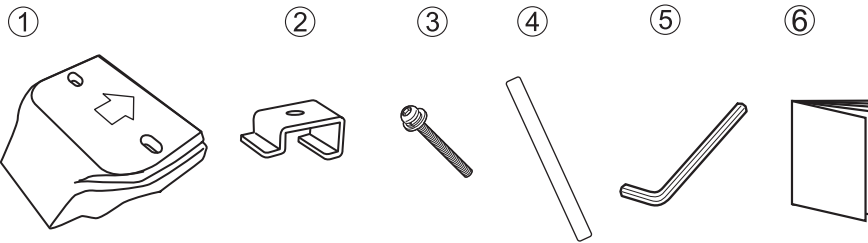


Precautions

- Install hooks correctly at specified positions according to the instructions herein and instructions for the applicable carrier system. Installation positions of hooks depend on the vehicle type. If hooks are not installed at specified positions, the carrier may fall and cause an accident.
- Do not use these hooks for attachments of non-specified types. The carrier may drop and cause accident.
- Observe the specified loading conditions. Failure to observe the loading condition may cause the carrier to break or loosen and drop, resulting in accident.

For INNO dedicated ski & snowboard carriers read carrier instruction manuals for determining proper mounting locations.

The TR Mounting hooks includes the parts listed below. Verify that all of these parts are included in the carrier system you have purchased.



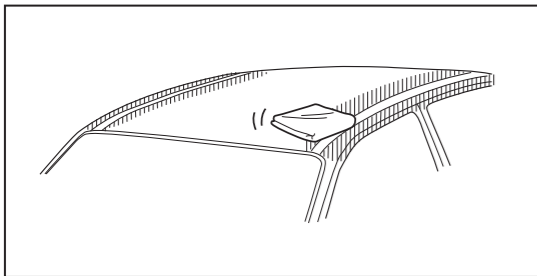
No.	Parts	Qty
①	Rail Spacer	4
②	Nut Plate	8
③	Bolt (M6x30mm)	8
④	Protection Sheet	8
⑤	Hex Wrench (B=4)	1
⑥	Instruction manual	1

Note

The specifications or external appearance of this product or any of the genuine spare parts may be changed for improvement without prior notification.

Manufacturer	Vehicle model	Vehicle type	Model year	Loading conditions	
				Maximum Load Capacity	Bike
JEEP	Grand Cherokee	w/Truck rail	2011-	140 lbs (64 kg) (Load + Base rack + Attachments)	3

Vehicle preparations



1 Cleaning the installation area on the vehicle

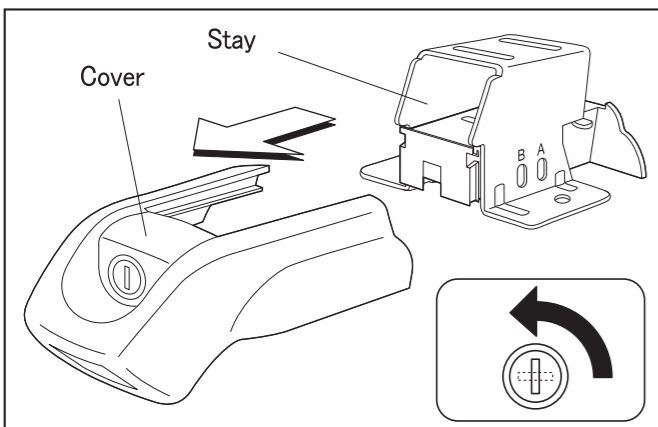
Wipe dirt and oil off the roof and moldings using diluted mild detergent, and then dry the wiped area.

Note

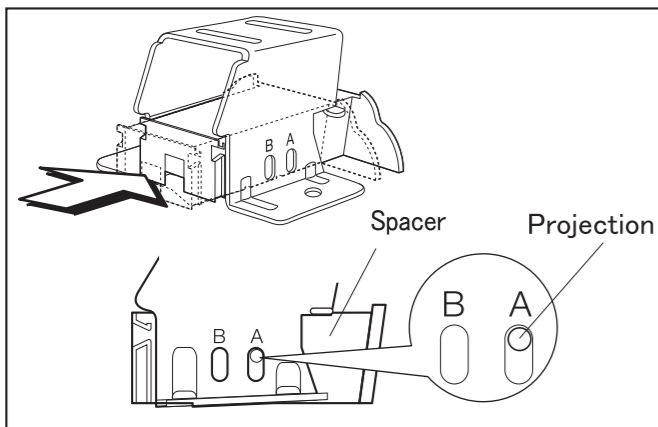
Do not use organic solvents such as thinner or benzene to clean dirt and oil.

Installing System Carrier (IN-TR)

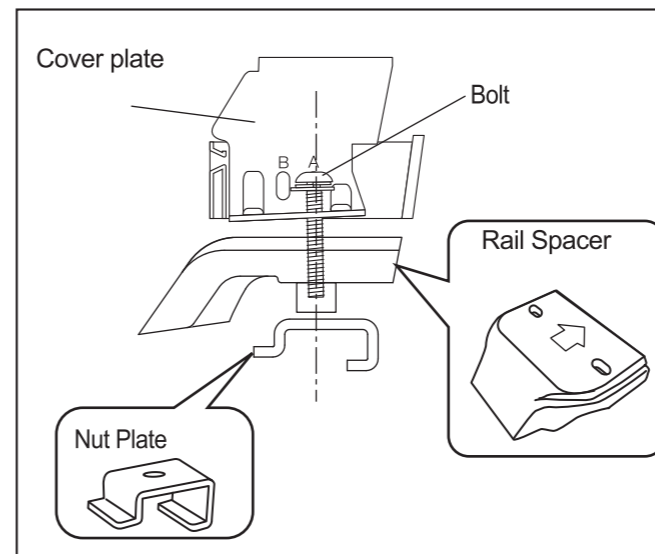
Preparations



1 Unlock the key of your Basic Stay TR and remove the covers from the stays.



2 Slide the spacer so that the projection is positioned at the A hole.



3 Place the bolts through the cover plate, rail spacer and nut plate in this order and loosely screw the bolts. Verify the direction of the nut plate in doing this. Repeat this procedure for the opposite end.

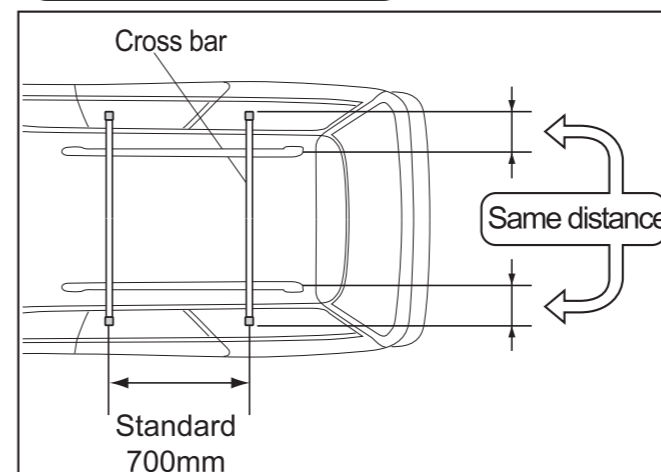
Caution

Verify the direction of the nut plate for proper installation.

Note

Tip of the bolt should not protrude from nut plate.

Attaching Carrier



1 Lay the cross bars vertically against the roof rail.

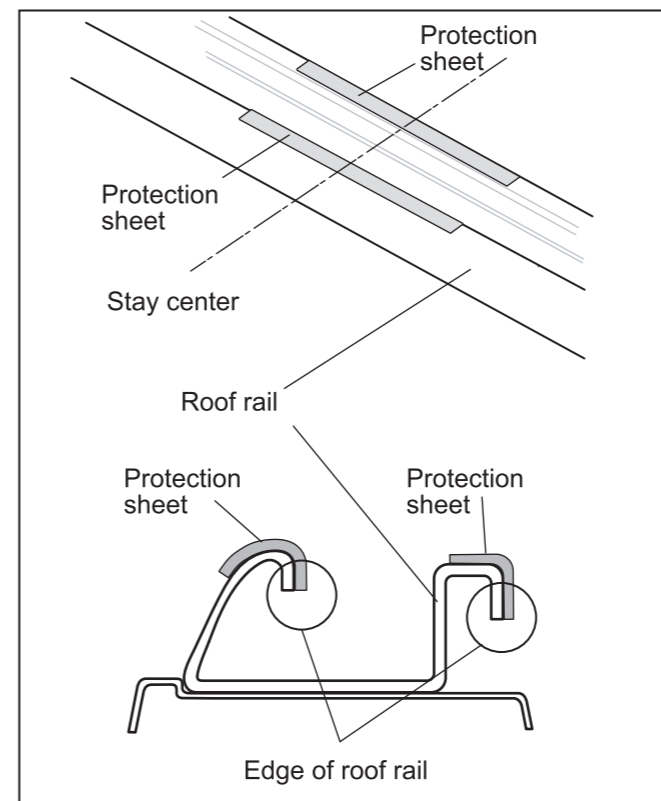
Caution

Be sure that the center of the cross bar is positioned at the center of the vehicle.

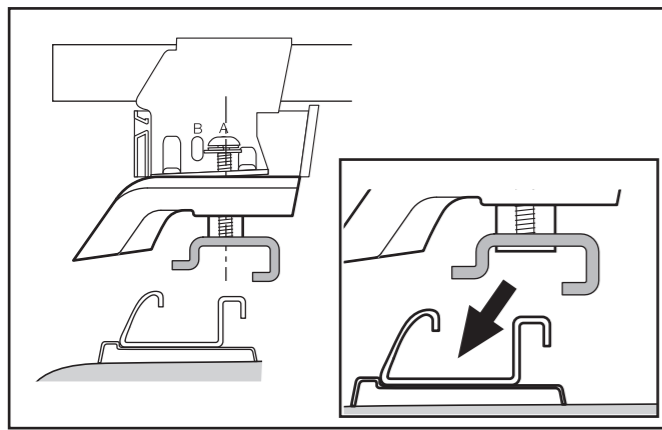
Note

In installing front and rear cross bars, select an appropriate distance between 500mm and 800mm between the bars depending on the length of the load. Standard distance is 700mm. Short loads such as child skis will be stabilized at short distances between the bars. When loading longer loads such as boats and roof boxes will require longer distances between bars for better stability.

Attaching Protection Sheet



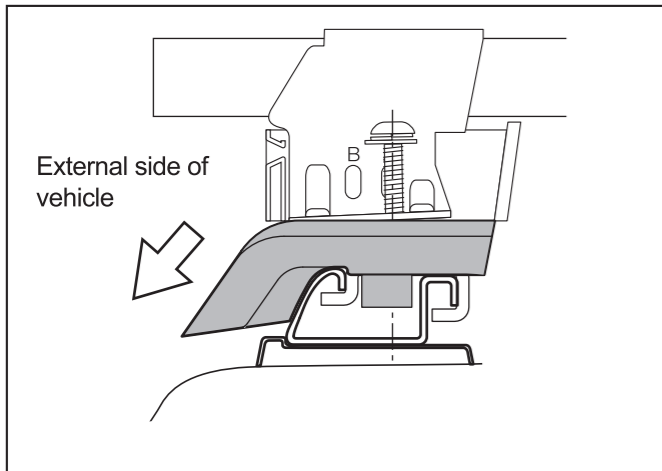
2 Apply the protection sheets to the roof rail. Apply each protection sheet aligning its center to the stay center, and also place one edge of the protection sheet along with the edge of roof rail.



3 Attach stay to roof rail, then lift rail spacer to hitch nut plate from inner side.

Note

- 8 grooves of bar must be facing up.
- If end of bolt is sticking out from Nut Plate, installation cannot be done. Loosen bolt to attach stays to roof rail.



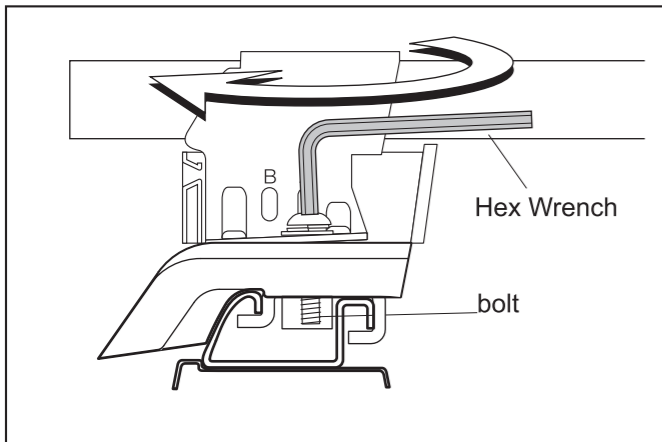
4 Slide stay to external side of vehicle, to adjust Rail Spacer to roof rail.

Caution

Check the spacer projection mode (see page 2).

Make sure that Nut Plate is not between Rail Spacer and roof rail.

● Repeat processes for other parts.



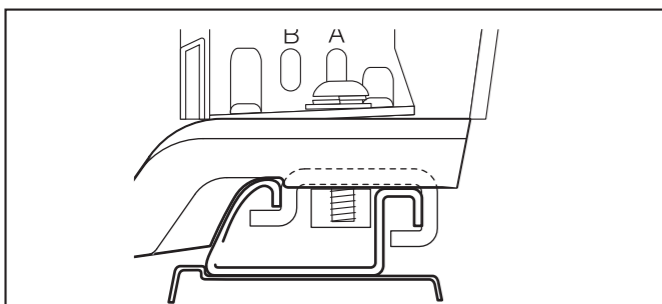
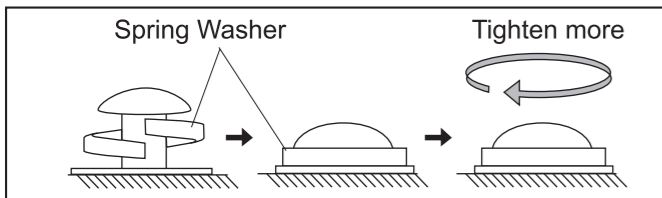
5 **Tightening the bolts**
Tighten both bolts alternately by using Hex Wrench.

Caution

- Make sure that bars are perpendicular to traveling direction of vehicle.
- Tighten the bolt until the spring washer lies flat. Tighten the bolt with 4Nm (40 kgf·cm of torque).

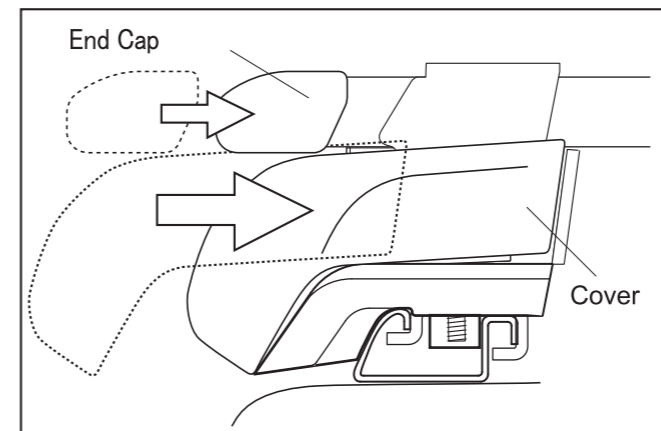
Note

Use hand then Hex wrench to tighten bolt for quick and easy work.

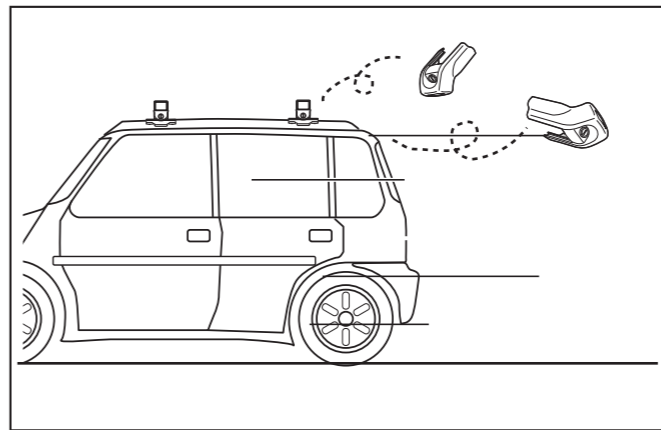


6 Make sure that Nut Plate is securely attached to roof rail.

● Repeat processes for other parts.



7 Close the cover and the bar end cap. Insert key and turn right to lock.



Warning

Always use the key lock to secure the carrier. The locks are an extra safety measure preventing racks from coming loose which may result in serious injuries and/or accidents.