

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.

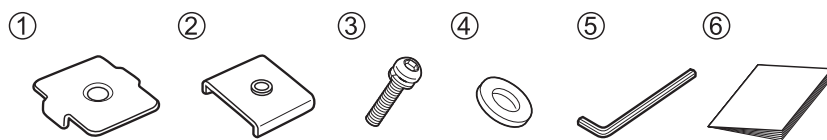
- Read instructions matching the model, year and type of vehicle.
- If appropriate instructions are not available, contact us listed below.

⚠ 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.



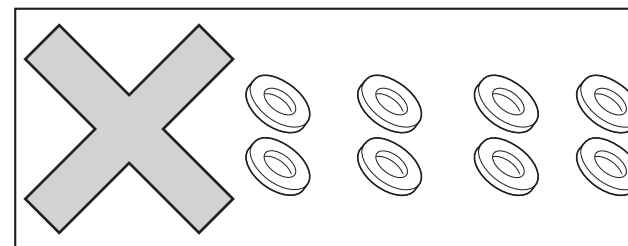
No.	Parts	Qty
①	Base plate	8
②	Nut plate	8
③	Bolt [M6x18mm]	8
④	Washer	8
⑤	Allen key	1
⑥	Instruction manual	1

Note

Installation procedures are described for different models, years and types.
If your car doesn't match any of the vehicle types listed, refer to the instructions for the applicable carrier.

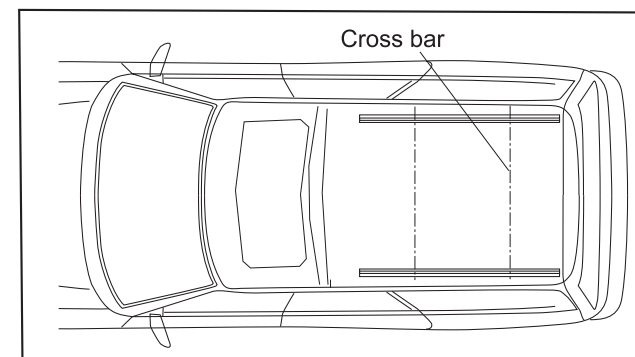
TR112 Installation Procedure for the individual Vehicle Model

Manufacturer	Vehicle model	Vehicle type	Model year	Loading conditions	
				Maximum Load Capacity	Bike
LAND ROVER	LR3	w / Base rail	2005 -2009	140 lbs (64 kg) (Load + Base rack + Attachments)	3
	Range Rover Sport		2006 -		



Reference

- Washers are not required for installation.



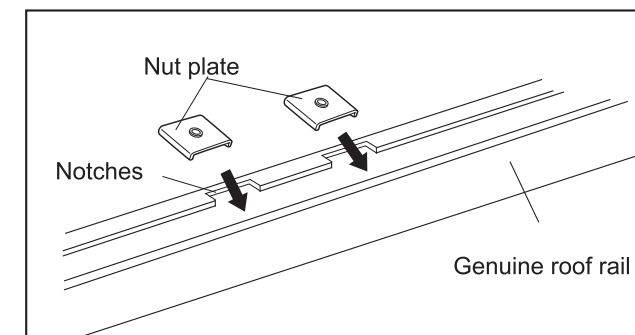
1 Clean the roof rail of the vehicle.

Caution

- Be sure to install the carriers so that the cross bars are positioned vertically against the direction of the vehicle.

Reference

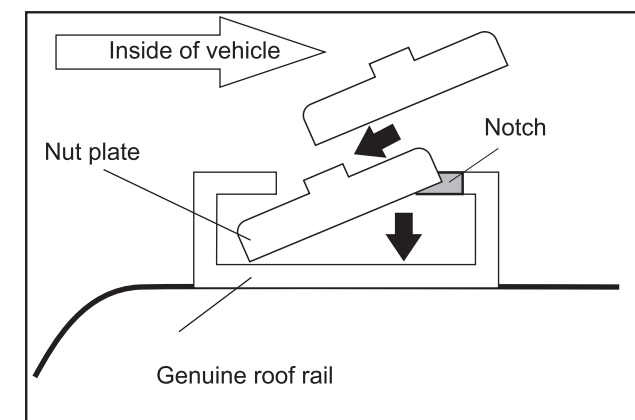
- Change the installation positions of the front and rear carriers in accordance with the attachment used so that the load does not touch the rear gate and/or the spoiler of the vehicle.



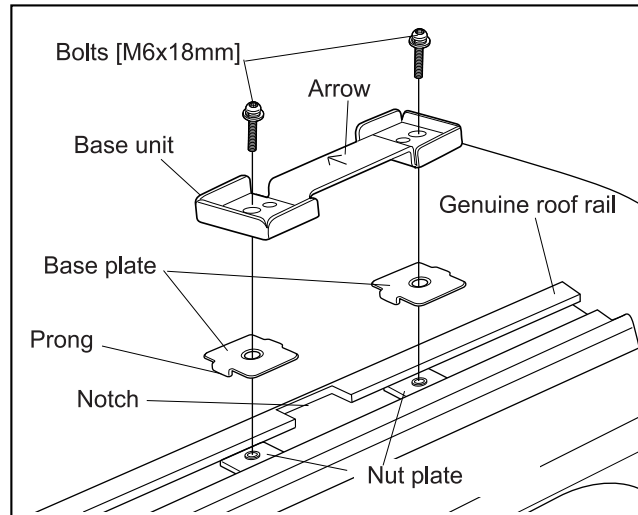
2 Insert 4 nut plates into one genuine roof rail. The nut plate should be inserted from the outside of the vehicle, and push down into the notch side (the inside of the vehicle) as illustrated.

Reference

- Inserting the nut plate while lifting the edge of the genuine roof rail will ease the procedure.



Installing System Carrier (IN-XR)



3 Place the base plate and the base unit on the inserted nut plate. Loosely screw them together with the bolts [M6x18mm] through the outer hole of the carrier.

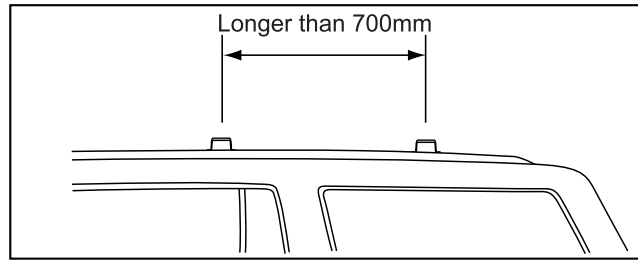
The base unit must be placed as the arrow on the unit faces toward the vehicle center.



- When fixating the carrier, do not use the notches as fixating points.



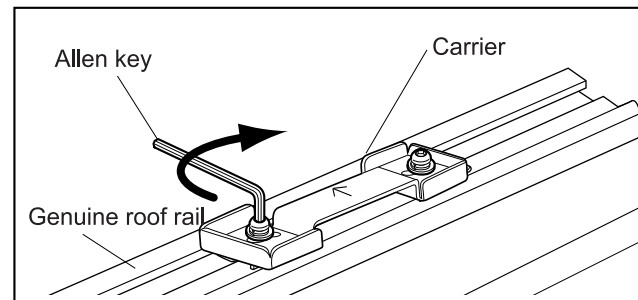
- Be sure to install so the prongs of the base plate are securely placed in the groove of the genuine roof rail.



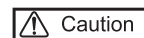
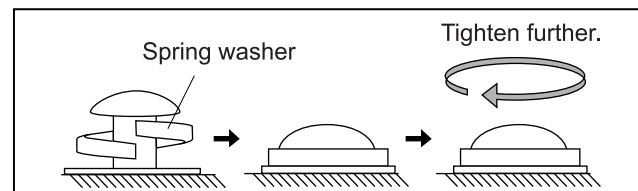
4 Be sure to keep the distance between the front and rear carriers more than 700mm.



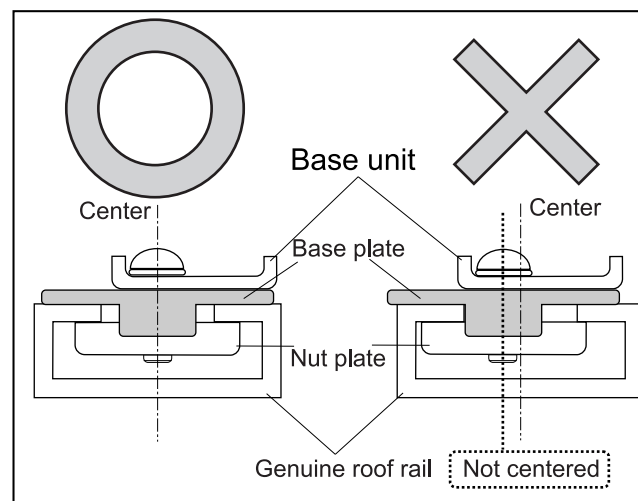
- Be sure to install correctly so as not to have to readjust when mounting the carriers.



5 Tighten bolts alternately using the attached Allen key and fixate the stay onto the roof rail.

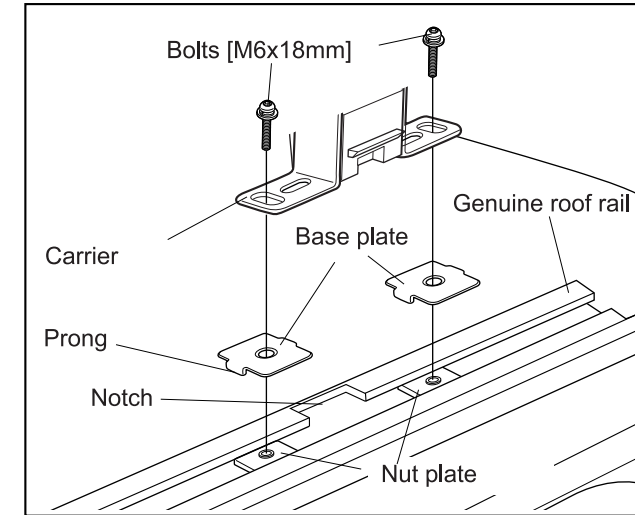


- Tighten the bolt until the spring washer lies flat.
- Tighten the bolt with 4[N·m](39.2[kgf·cm]) of torque.



- Verify that the center of the bolt and that of the genuine roof rail are aligned as illustrated. Decentered alignment may lead to separation of the stays resulting in serious injuries and / or accidents.

Installing Winter Carrier (TX ###)



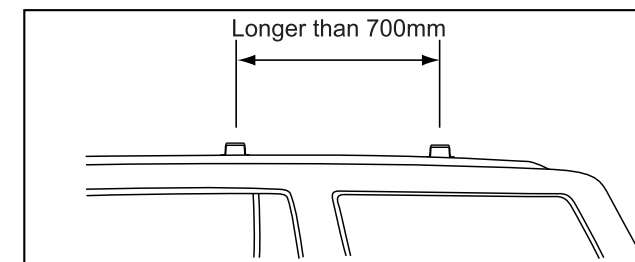
3 Place the base plate and the carrier on the inserted nut plate. Loosely screw them together with the bolts [M6x18mm] through the outer hole of the carrier.



- When fixating the carrier, do not use the notches as fixating points.



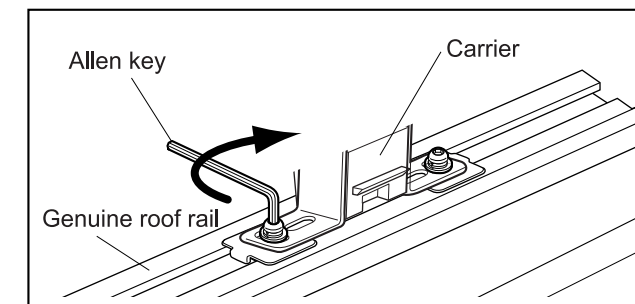
- Be sure to install so the prongs of the base plate are securely placed in the groove of the genuine roof rail.



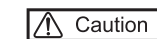
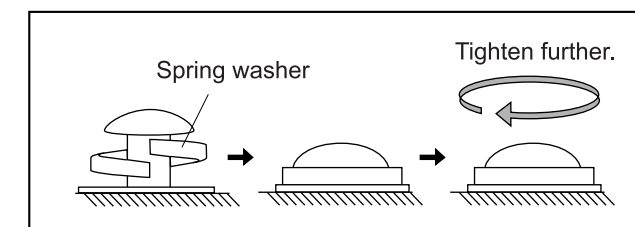
4 Be sure to keep the distance between the front and rear carriers more than 700mm.



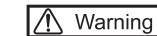
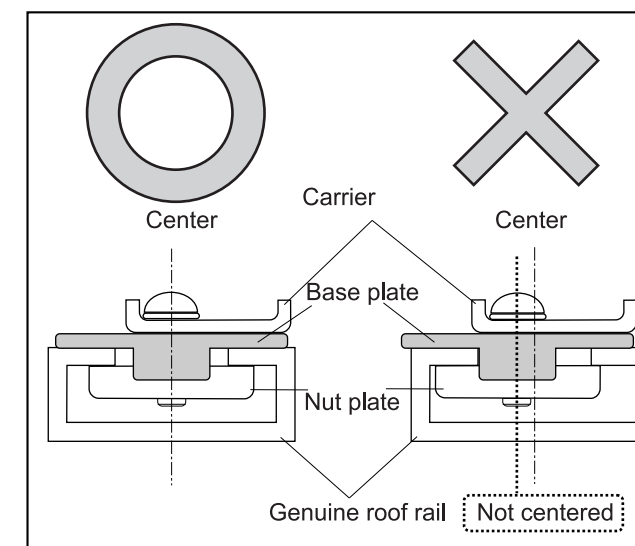
- Be sure to install correctly so as not to have to readjust when mounting the carriers.



5 Tighten bolts alternately using the attached Allen key and fixate the stay onto the roof rail.



- Tighten the bolt until the spring washer lies flat.
- Tighten the bolt with 4[N·m](39.2[kgf·cm]) of torque.



- Verify that the center of the bolt and that of the genuine roof rail are aligned as illustrated. Decentered alignment may lead to separation of the stays resulting in serious injuries and / or accidents.