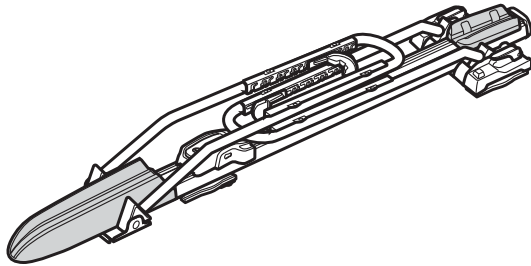


Thank you for purchasing this INNO product.
-Read these instructions carefully before using this product.
-Do not discard these instructions.

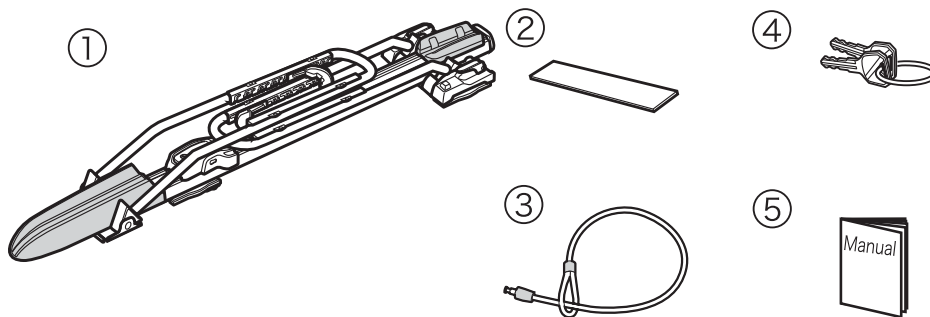


WARNING Falling carrier parts or loads may cause potentially serious accidents involving vehicles and individuals following behind may result in severe injury or death.

- Confirm the stability and strength of the carrier base onto which this product is to be installed, and attach it securely.
- Assure that neither knobs nor bolts are loose before driving.
- Do not alter this product.
- Do not carry items other than bicycles with this product.
- Adjust the front and rear spaces of the base carrier between 24"-36" (600-900mm).
- Lock securely while driving.

CAUTION May cause injury to individuals or damage to the product, vehicle and loads being carried.

- This product is not theft-proof. Therefore, do not leave equipment on this product unattended for long time.



No.	Part	Qty
①	Main frame	1
②	Rubber sheet	2
③	Cable lock	1
④	Key	2
⑤	Instruction Manual	1

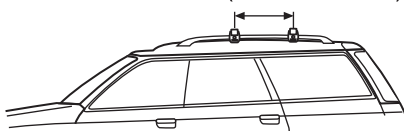
Praparation before Installation

1 Attaching to the Carrier Base

This product can be installed onto INNO bars, square bars, round bars and most factory cross bars. (*1) When installing on a commercially produced carrier base, attach securely according to the instructions provided by the product manufacturer.

*1 Some factory cross bars require ISF727 long bolts kit (sold separately).

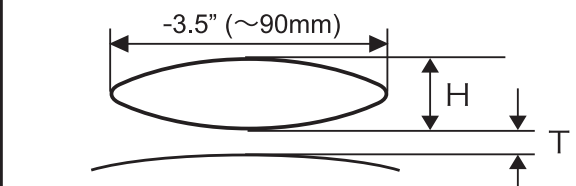
24"-36" (600~900mm)



WARNING

- Check vehicle or carrier base product instructions to confirm that the carrier base to which this product is to be installed has sufficient strength to support this product. If the carrier base does not have sufficient strength to support this product, do not install.
- Adjust the front and rear spaces of the base carrier between 24"-36" (600-900mm).
- This product requires a width of 10" (250mm) for installation. However, If more than one Tire Hold is used, the bicycles may interfere with each other, depending on their size.
- Do not attach the product on the bars above the stays.

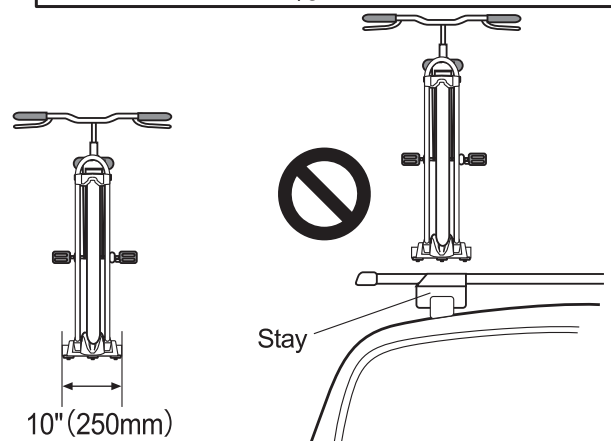
Mountable bar dimensions



H : 0.6"-1.2"/15mm~30mm
(Optional part is not necessary)

T : 1.2"-2.0"/30mm~50mm
(Optional part ISF727 required)

Distance to the roof :
Allow minimum 1 1/8"/30mm



Preparation before Installation

2

Suitable bicycle



Tire size: 20 inches - 29 inches

Wheel base :

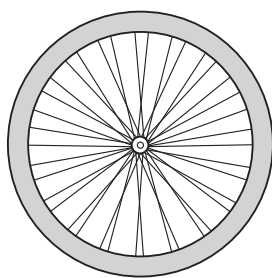
34 inches - 48 inches

(850mm - 1200mm)

Tire width : 18c - 2.7"

Bikes with disk wheels may be affected by strong air resistance from side (20 mph), do not use under the situation.

Tire size check

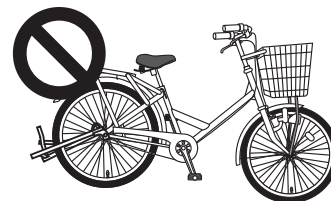


Tire

Not suitable bicycle

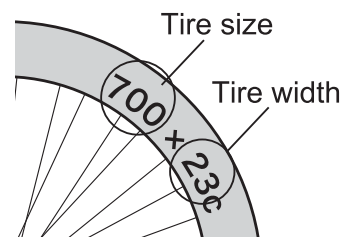
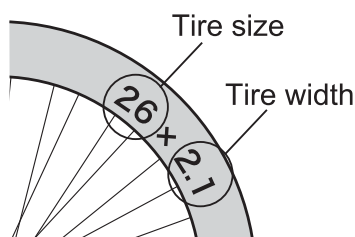


City cycle



Rear kickstand

- Bicycle with fenders closely attached to tires
- Bicycle with rear kickstand
- Bicycle weighing more than 50 lb (23 kg)

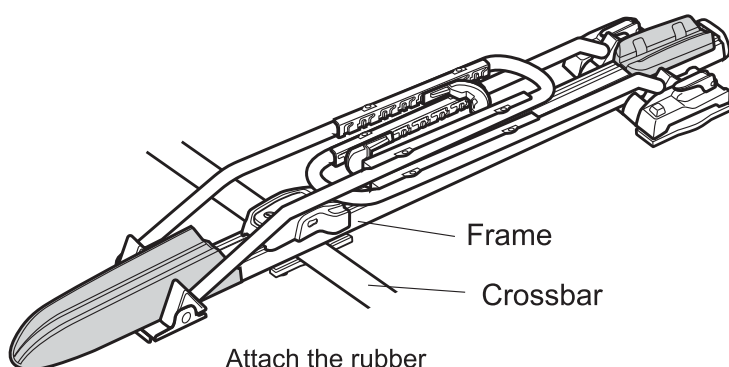


Tire sizes are written on the side of tire

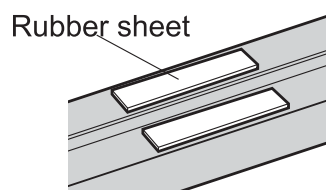
Preparation for Installation

1 Preparation for installation (When mounting to the INNO Aero Base Bar and a factory crossbar)

When mounting to the INNO Aero Base Bar and a factory crossbar, attach the included rubber sheet to the place where the crossbars contact the backside of the frame.



Attach the rubber sheet to the place contacting the bar.

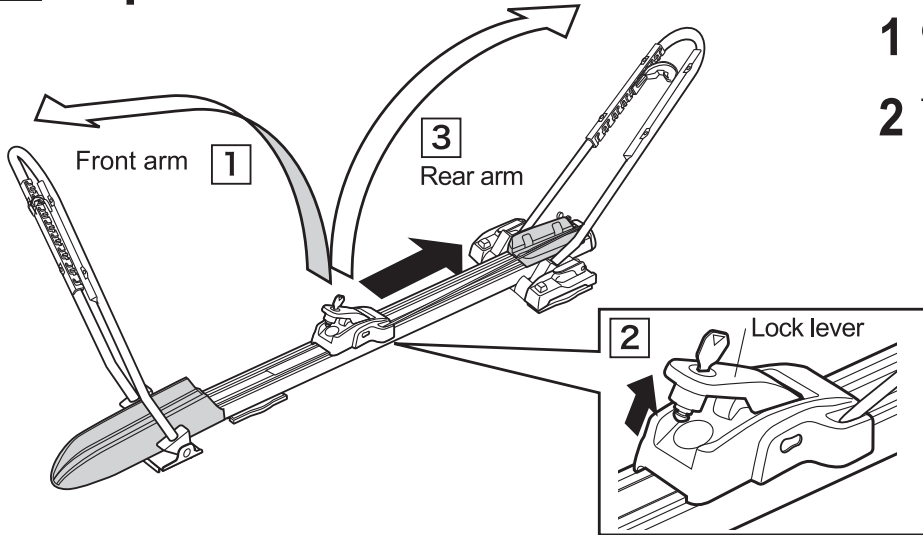


Bottom of the frame

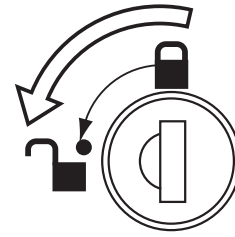
Notes

The factory crossbar is an elliptical shaped bar mounted crosswise on the car.

2 Preparation for installation



- 1 Open the front arm
- 2 Turn the key to open, unlock the lock.



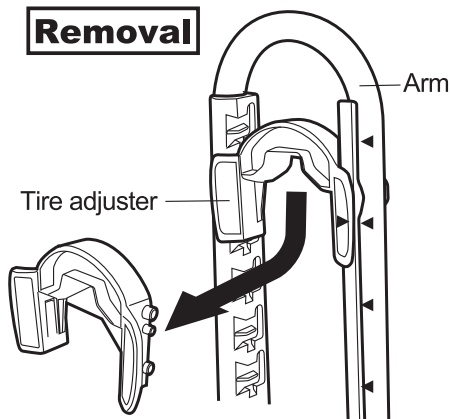
- 3 Lift the lock lever, then open the rear arm.

3 Adjustment of front / rear tire adjuster and the cradle

Set the tire adjuster position in a safe place before mounting the attachment to the base carrier. When loading a different bicycle, reset the tire adjuster.

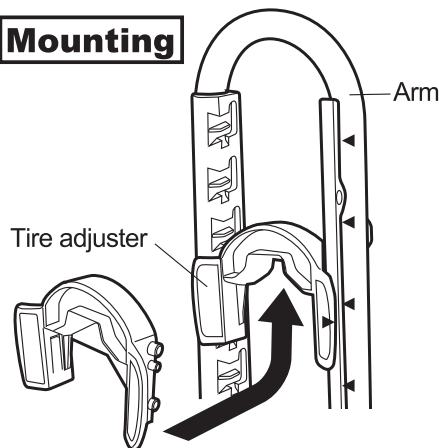
How to attach the tire adjuster

Removal

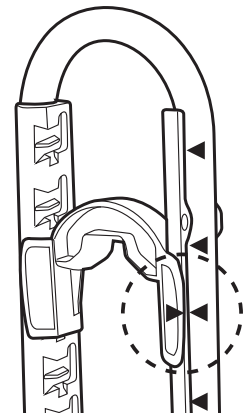


Push the tire adjuster down to remove from the arm.

Mounting



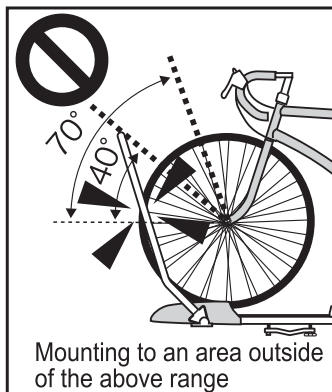
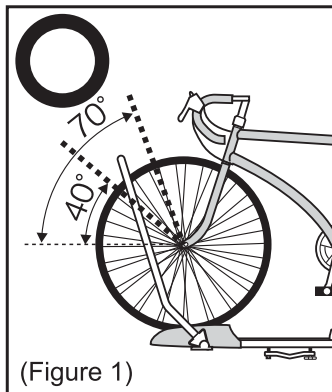
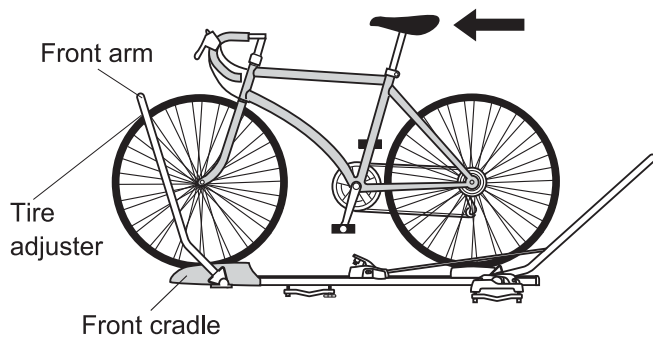
After mounting the tire adjuster to the arm, push it up to lock into position.



⚠ Caution

Make sure that the triangle marks (▲) on the tire adjuster and the arm align.

4

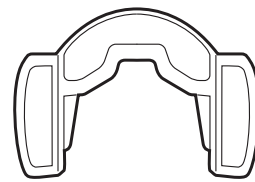


Warning
It may fall off.

- 1 Load the bicycle by inserting the front wheel into the front arm.
Set the tire adjuster so that it touches the highest position within a range of 40 to 70 degrees of the tire. (Figure 1)
Make sure that the arm is in a position that does not contact the bicycle's fork or hub.
Remove the front and rear tire adjusters before using a 29 inch wheel bicycle.

Caution

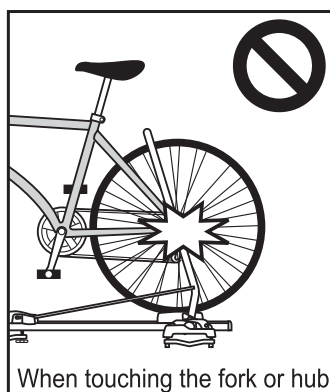
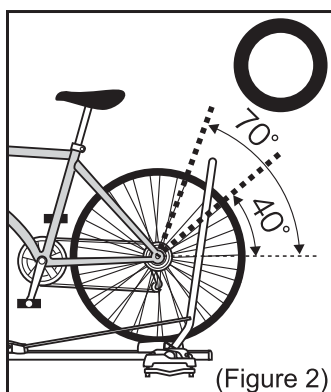
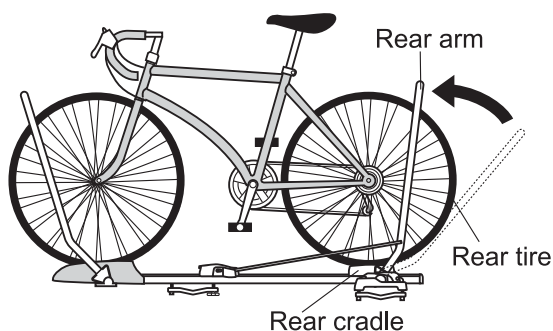
Please store the removed tire adjusters in a safe place so as not to misplace them.



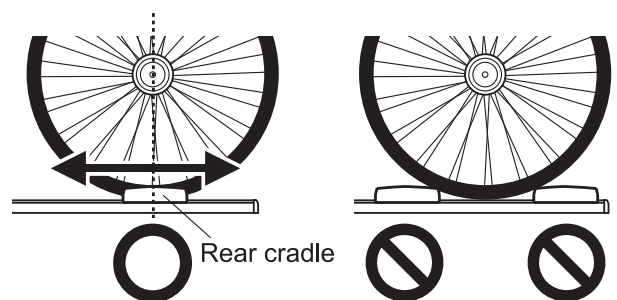
Warning

Check the tire pressure. The product may not fix the bicycle securely if the tire pressure is low.

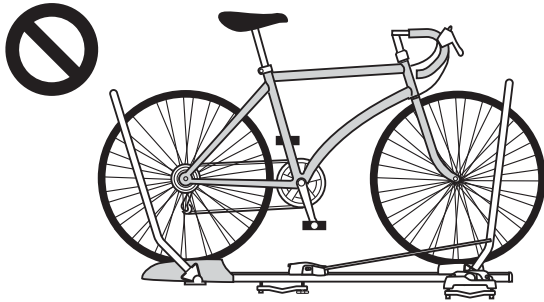
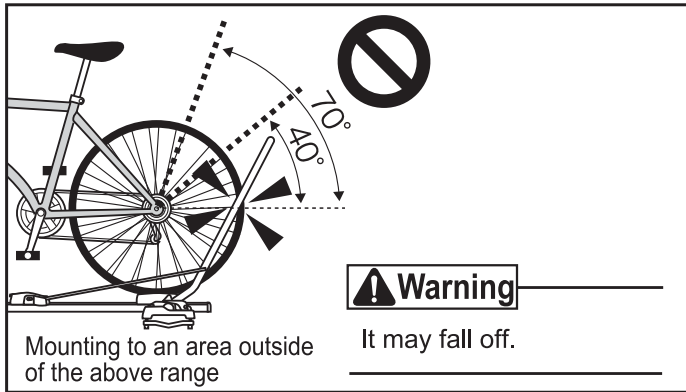
5



- 2 Set the rear cradle to the center position of the rear wheel.

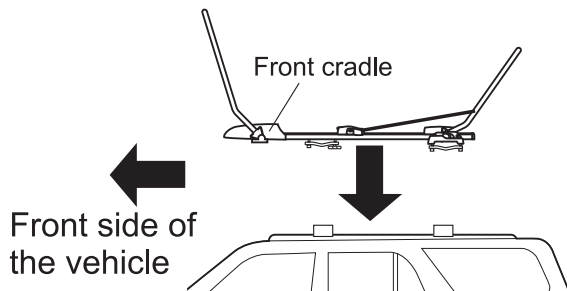


- 3 Close the rear arm to hold the rear tire.
Set the tire adjuster so that it touches the highest position within a range of 40 to 70 degrees of the tire. (Figure 2)
Make sure that the arm is in a position that does not contact the bicycle's fork or hub.

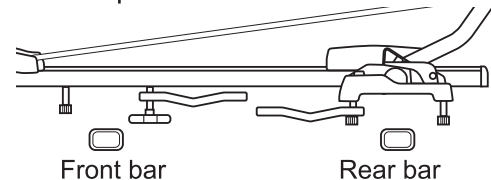


How to mount to the base carrier

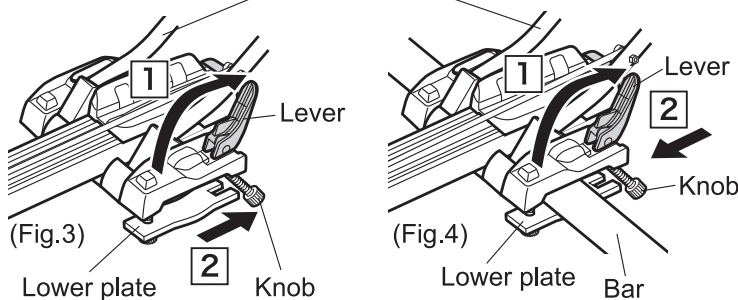
1



- 1 Open the front arm and rear arm, then place the product temporarily before installation. Make sure that front and rear lower plates are above bars, so that bars are between installation bolts of each lower plate.



Rear Fully open the arm



- 2 Rear installation (Rear installation is in first)

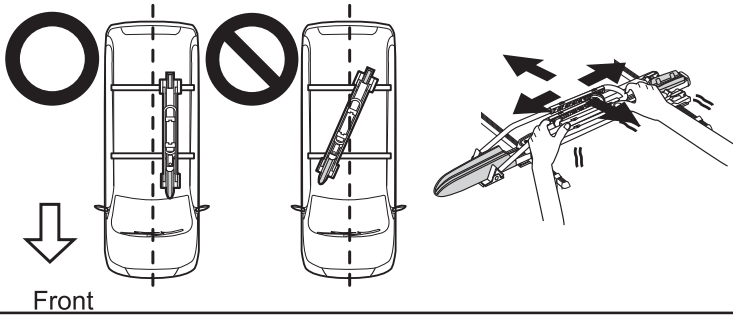
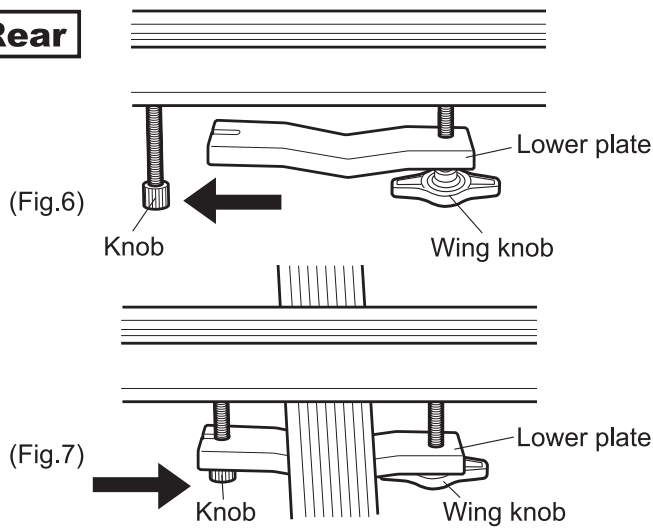
- Open both right and left levers, and slide to remove a knob from lower plate. (Fig.3)
- Loosen both knobs, then place the product on the bar. (Fig.4)
- Slide back the knob in the lever's concave part of the lower plate, then tighten the knob. (Fig.5)
- Hold down the lever, then tighten knobs equally, so that installation plate is parallel to the down plate. If the lever is too tight or too loose, adjust knobs to fix securely.

Notes

Open the rear arm fully to activate lever.

2

Rear



3 Front installation

- Loosen the wing knob, slide the knob on the opposite side, and remove from the lower plate. (Figure 6)
- After having completely loosened the wing knob and knob, place it on the bar. (Figure 7)
- Slide the knob into the lower plate and appropriately tighten the wing knob and knob.
- Securely tighten the wing knob first. Make sure that the lower plate is parallel. If it is loose or over-tightened, readjust both knobs to make sure the plate is parallel and securely tightened.

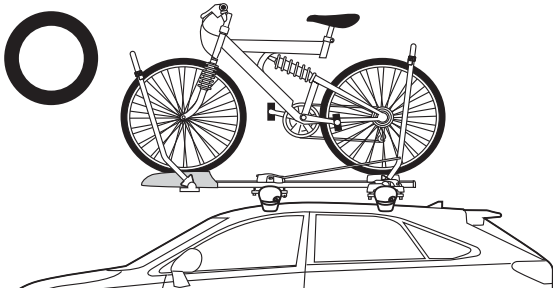
4 Installation Check

- Check that the attachment is installed parallel to the traveling direction of the vehicle.
- Shake the product back and forth, left to right to make sure that there are no rattling and loose knobs, and that the product is securely fixed on the vehicle. If you hear or feel rattling, or frame movement, tighten all installation sections again.
- Make sure that the center of each plate is aligned with the center of the crossbar.

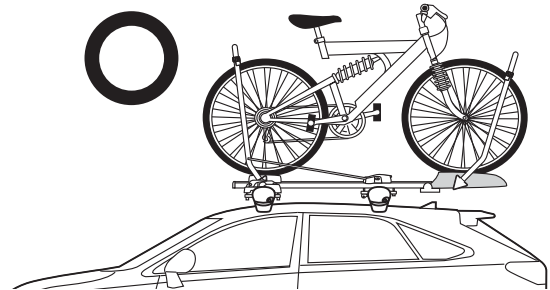
3

Notes

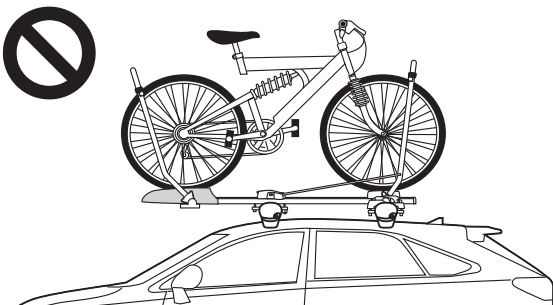
When loading more than one bicycle and handle bars contact each other, the attachment can be mounted facing the opposite direction. Make sure that the front wheel is on the front arm side when the bicycle is loaded.



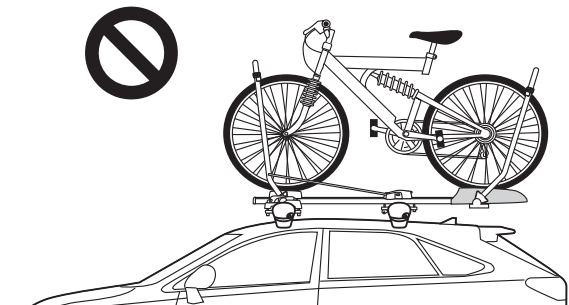
Attachment facing front + Bicycle facing forward



Attachment facing rear + Bicycle facing backward



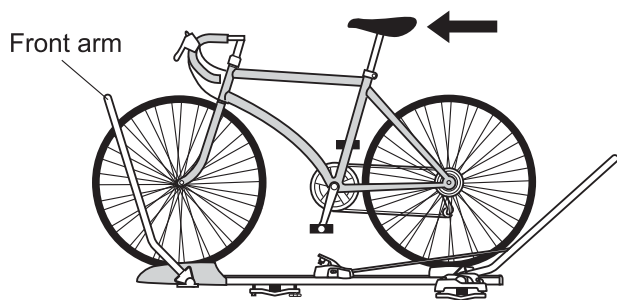
Attachment facing front + Bicycle facing backward



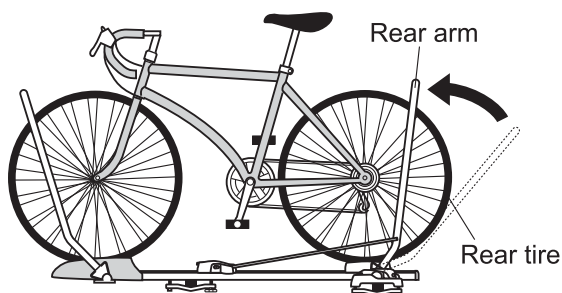
Attachment facing rear + Bicycle facing forward

How to load bicycles

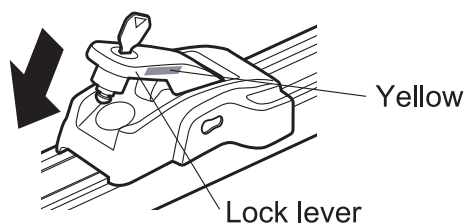
1 Attach and take down the bicycle on a flat surface



- 1 Place the front tire of the bicycle into the front arm.



- 2 Close the rear arm to hold the rear tire.



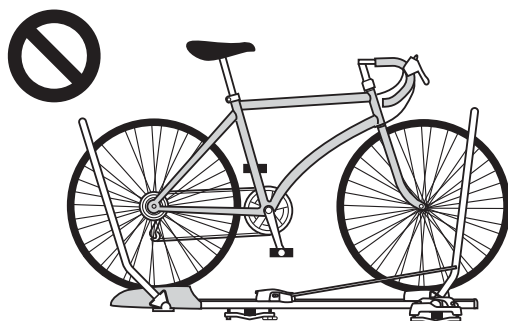
- 3 Hold down the lock lever to fix the tires securely. If the lever is too tight or too loose, adjust the lever position and the rear arm to fix the bicycle securely.

- 4 Remove key to close lock lever, then lock.



Warning

Confirm that the yellow marks on both sides of the lock lever are completely hidden after closing the lock lever.



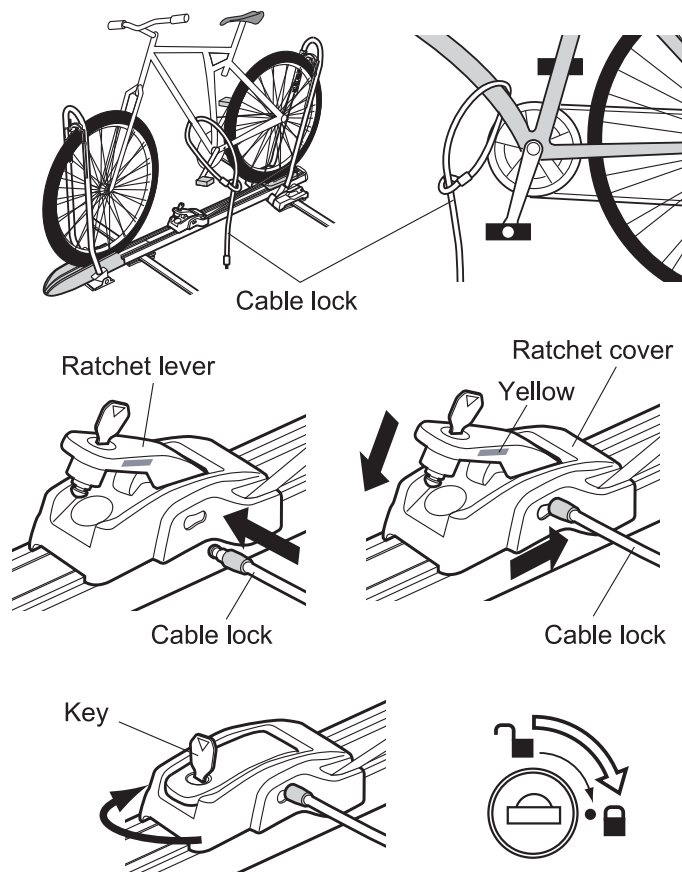
Check after attaching

Shake the attached bicycle to make sure that there is no rattling and loose and that the bicycle is securely fixed on the vehicle.

Warning

Do not mount the bicycle back to front.
Mounting bicycle back to front will not secure bicycle correctly.

2 Using the cable lock



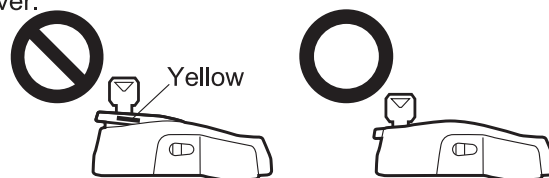
4 Wrap the cable around the bicycle frame, then pass the end of the cable through the loop of the cable lock.

5 Open the lock lever to insert the end of the cable lock all the way in the socket of the ratchet cover.

6 Close the lock lever and lock.

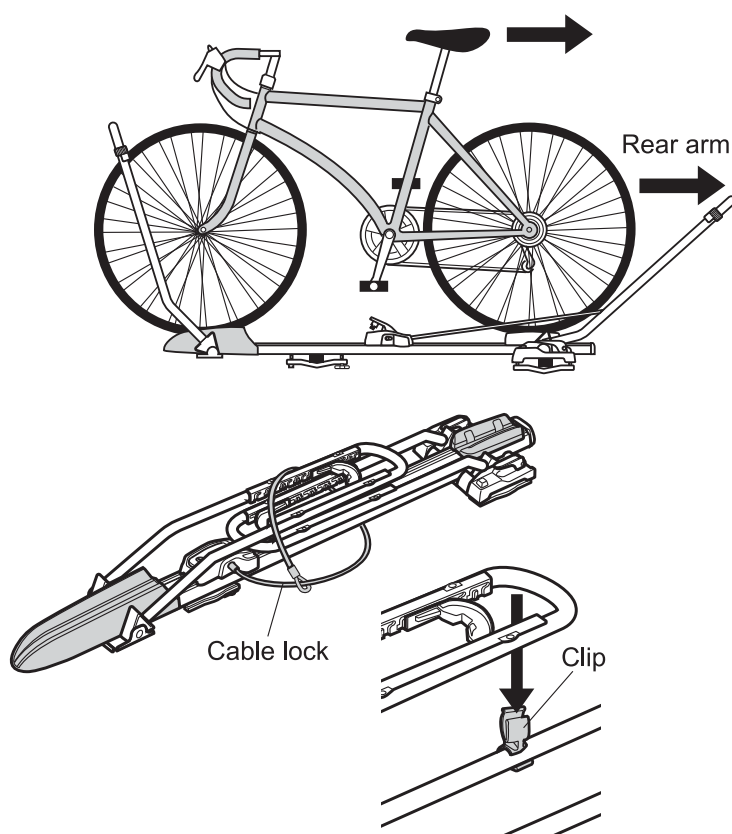
⚠ Warning

Confirm that the yellow marks on both sides of the lock lever are completely hidden after closing the lock lever.



How to unload bicycle

1 Attach and take down the bicycle on a flat surface.



1 Turn the key of the ratchet lever to open, then lift the ratchet lever.

2 Remove the cable lock.

3 Open the rear arm fully.

4 Slide the bicycle backward, and take down the bicycle. If there is a difficulty removing front wheel from the arm, rotate the front wheel backwards.

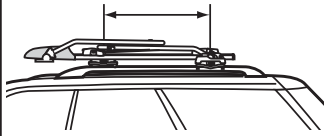
5 Close the rear arm first and then insert the front arm into the clip on the rear arm.

6 After taking down the bicycle, twist the cable lock around the closed arm to store.

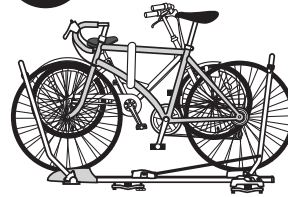
⚠ WARNING



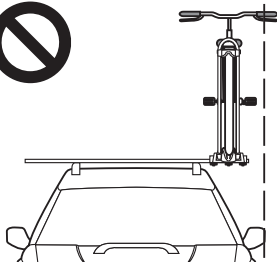
Less than 24" (600mm) or
More than 36" (900mm)



Always install so that the front and rear spaces of the carrier are within the 24" - 36" (600mm-900mm) range. If the attachment is installed when the front and rear spaces of the carrier are outside the correct range, unnecessary force is placed on the attachment that may cause the attachment to fall, which may lead to a serious accident involving nearby vehicles or pedestrians.



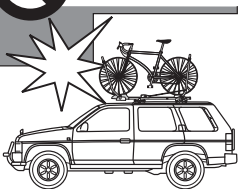
Do not attach anything other than a bicycle, and do not attach more than 2 bicycles to one attachment. Attaching objects other than bicycles, or attaching bicycles that do not match the described conditions may cause the object, bicycle or attachment to fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



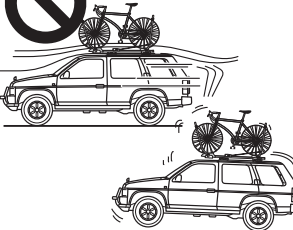
Install the attachment so that the bicycle handlebars do not protrude from the side of the vehicle. If a bicycle is attached with the handlebars protruding from the side of the vehicle, the bicycle may collide with other objects while the vehicle is in motion, causing the bicycle to fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



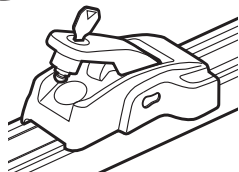
Do not use bicycle storage cases or waterproof sheets when your bicycles are attached to the lock. If you use such bicycle storage cases or waterproof sheets, the increased air pressure when driving may cause the bicycle or attachment to fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



When driving with your bicycle attached, always remember to take into account the additional height of your vehicle, and do not enter low-roof car parks or tunnels with a low clearance. If you enter a low-roofed car park or tunnel when a bicycle is attached to the lock, the bicycle will hit the height limit bar or tunnel wall causing the bicycle or attachment to fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



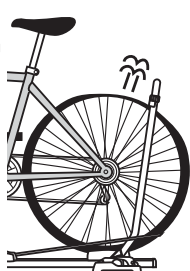
Never exceed the speed limit, and reduce your speed further if there are strong winds or if the road conditions are bad. Driving continuously at high speeds above the speed limit, driving continuously in high winds, or driving on bad roads will cause the knob nut or bolts to loosen causing the bicycle or attachment to fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



Always lock with the key before driving. If you do not lock the key, external forces (wind etc) may cause the lock cover to break off and fall, which may lead to a serious accident involving nearby pedestrians or vehicles.



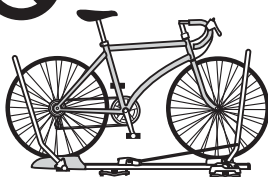
Remove the attachment and carrier before using a car wash. If you do use a car wash with the attachment or carrier attached by mistake, always check the attachment condition of the attachment and carrier afterwards. Using a car wash with the attachment or carrier attached may cause damage to the attachment, carrier, and vehicle.



Tire pressure check
The product cannot fix a flat tire securely, please use this product for the tires with adequate air pressure. If you use the product for a flat tire, drive slower and do not drive on the bad road. Set the tire adjuster for a size smaller for the flat tire (e.g., set the adjuster to 24 inch for a 26 inch tire) .



Attach/load a bicycle to the attachment on a flat surface. Working on a rough surface or slope might result falling off the bicycle to cause injuries or damages to the bicycle.

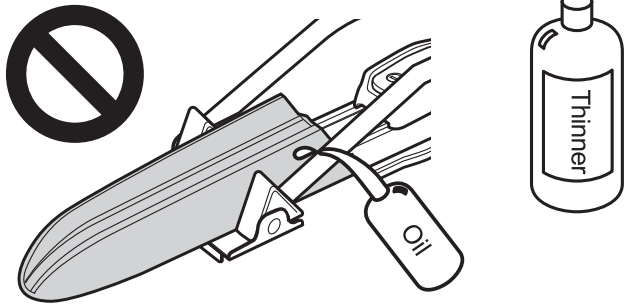


Do not mount the bicycle back to front. Mounting bicycle back to front will not secure bicycle correctly.



Do not use the product below freezing, the ratchet may not work accurately with temperature below freezing point.

Daily Maintenance



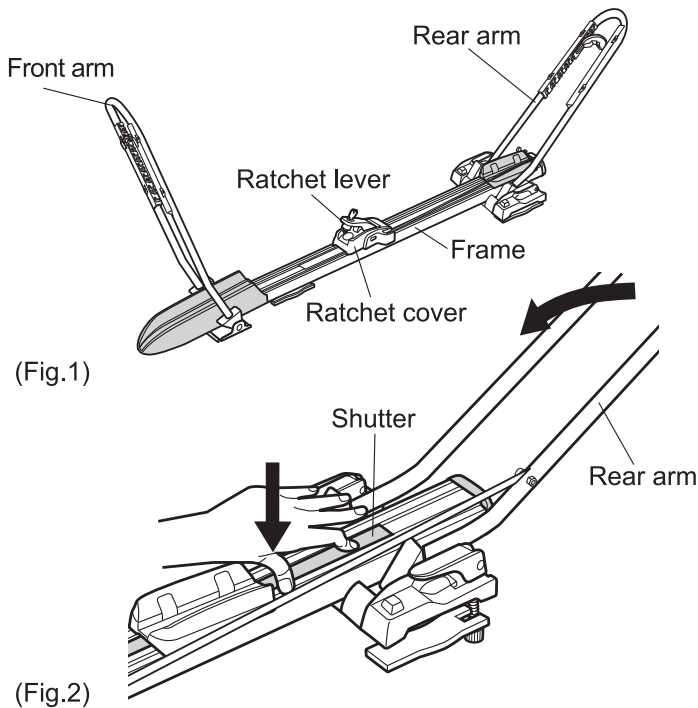
- 1 Wash off dirt and mud with water.
- 2 Wipe off dirt with a well wrung-out wet towel.
- 3 Allow it to dry in the shade.

CAUTION

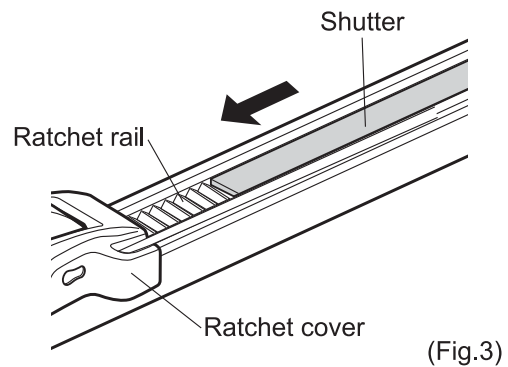
-DO NOT lubricate Key and Bolts.
-DO NOT apply thinner and/or solvent as they may damage plastics.

Ratchet Rail Maintenance

This product has the corrugated rail for the the ratchet lever to fasten the arm. The structure of the product is designed to prevent dirt or mud, but make sure the rail is free of cloggings after leaving the product in a muddy or sandy place for long time.



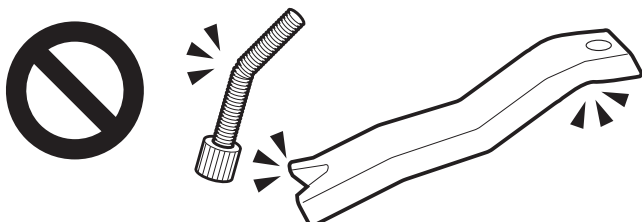
- 1 Lift the ratchet lever, then open both front arm and rear arm. (Fig.1)
- 2 Hold the rear edge of the shutter to close the rear arm, then pull out the shutter from the ratchet cover. (Fig.2)
- 3 Slide out the ratchet rail.
- 4 Make sure the ratchet rail is free of dirt or mud.
- 5 Repeat the reverse process to set the shutter in the ratchet cover. (Fig.3)



Care and storage

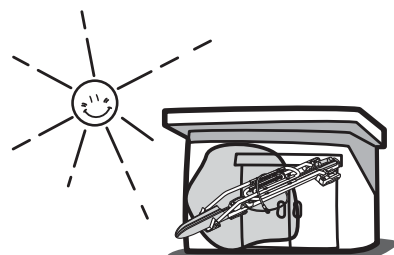
Inspecting the parts

Clean the parts, and inspect each of the parts for abnormalities. If you discover any bent or damaged parts, discontinue use immediately and replace the parts.



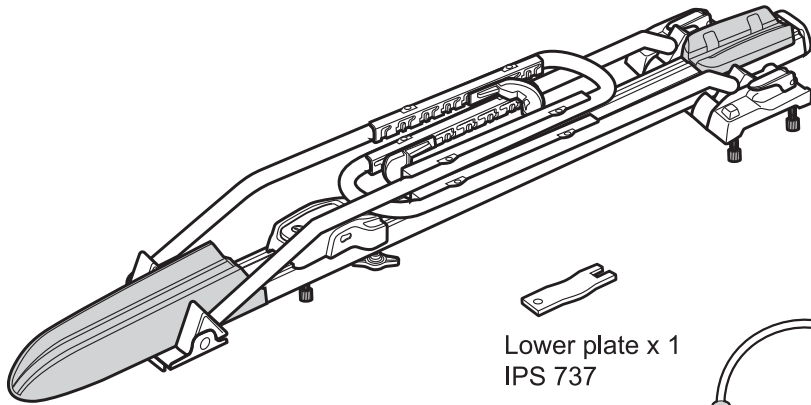
Storage

Store in a covered, dry location away from sunlight.



Spare Part Information

The following genuine spare parts are available for this lock. If you require spare parts, take the part to the dealer where you bought the carrier, or order the necessary part using the part name listed below.



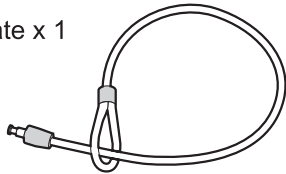
Clip x 1
IPS 873



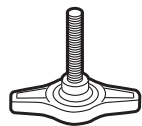
Lower plate x 1
IPS 737



Knob x 1
IPS 738

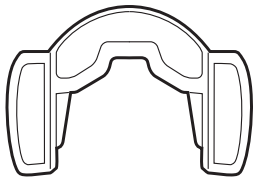


Cable lock x 1
IPS 640

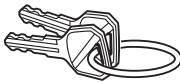


Wing knob x 1
IPS 872

Tire adjuster set x 1
IPS 871



Rubber sheet x 2
IPS 733



2 Keys



Instruction manual

Notes

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