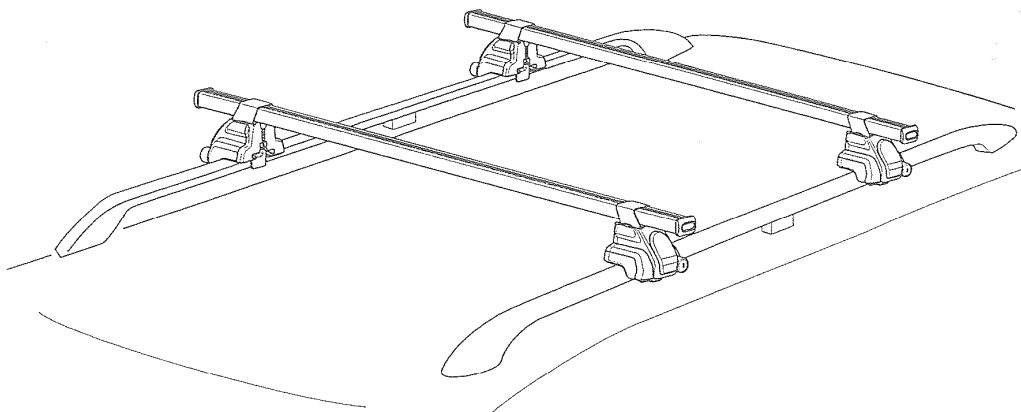


OUTLANDER BASE CARRIER (for Vehicles with Roof Rails) MZ532261EX INSTALLATION AND HANDLING INSTRUCTIONS



Thank you for purchasing the Mitsubishi Genuine Accessory.
To install and use the product correctly with proper knowledge of it, read this publication carefully.
Keep this publication for reference when maintenance is required.

Attention

- This publication gives precautionary instructions in the boxes titled as follows.
Read through these instructions thoroughly.



Warning

Describes precautions that should be observed in order to prevent serious injury or death to user.



Caution

Describes precautions that should be observed in order to prevent injury or damage to the vehicle or its components, which may occur if sufficient care is not taken.



Note

Provides additional information that facilitates installation work.

- Failure to follow these instructions not only prevents the product from working properly but may lead to trouble with the vehicle. Be sure to follow all instructions carefully.
- If there is anything unclear about the installation, handling and/or usage of the product, contact your Mitsubishi Motors dealer for clarification.
- Mitsubishi Motors Corporation is not responsible for any defects or difficulties caused by or resulting from the failure to follow given instructions.
- We recommend you to have the installation performed at an authorized Mitsubishi Motors dealer.

To the dealer:

Be sure that the customer receives this publication.

■ TOOLS (Make the following tools ready for use.)

Phillips screwdriver



Open-end wrench
(10 mm, 120 mm long)



Tape measure



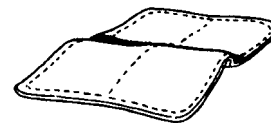
Felt pen



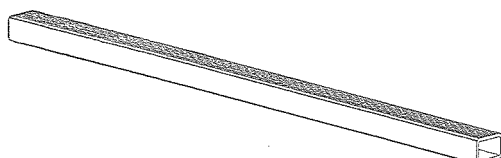
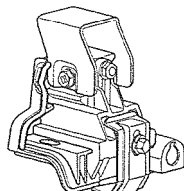
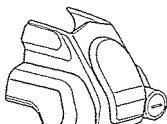

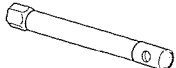



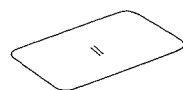
Vinyl tape



Shop towel



■ COMPONENTS (Make sure that all of the following components were included in the kit.)

<p>① Supporting bar: 2</p> 	<p>② Foot unit (with frame clamp): 4</p> 	<p>③ Foot cover: 4</p> 
<p>④ End cap: 4</p> 	<p>⑤ Special wrench: 1</p> 	<p>⑥ Marking sticker: 4</p> 
<p>⑧ (Not needed in your market): 1</p> 	<p>⑨ Key: 2</p> 	<p>⑦ Body protector: 4</p> 

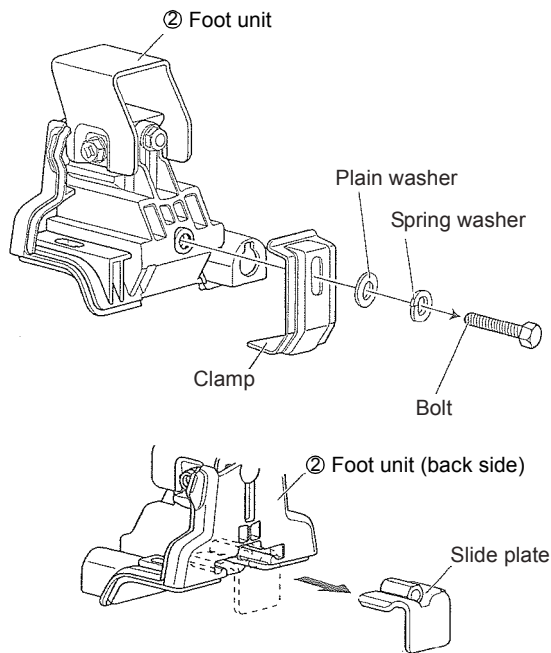
■ PRECAUTIONS

- Be sure to apply the parking brake securely. Remove the ignition key from the key cylinder.
- The installation work must be performed by two persons to ensure that the Base Carriers are installed in well balanced positions and to avoid damaging the vehicle body.
- Handle the product using sufficient care not to drop or damage it.
- Carry out the installation work in a safe and roomy place free of objects that may interfere with the doors being opened and closed.

INSTALLATION PROCEDURES

A. ASSEMBLING BASE CARRIER

A-1. Preparation



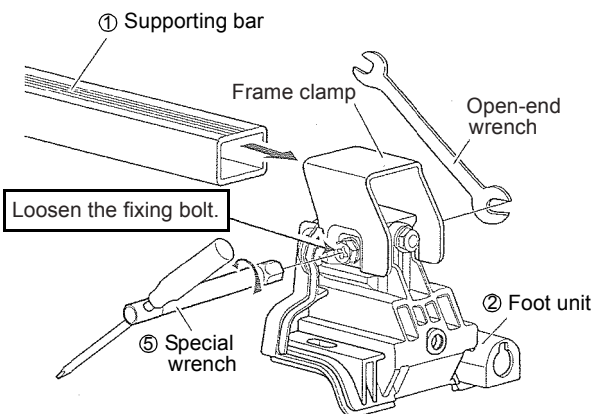
Caution

Be careful not to lose removed parts.

- 1) Remove the bolt from the foot unit ②, then remove the clamp, plain washer and spring washer. (Do this for all of the four foot units.)
- 2) Remove the slide plate from the backside of the foot unit ②. (Do this for all of the four foot units.)

Check

A-2. Installing Supporting Bar



- 1) Loosen the fixing bolt of the foot unit ② using the special wrench ⑤ and an open-end wrench as shown in the drawing.
- 2) Insert the supporting bar ① into the frame clamp of the foot unit ②.

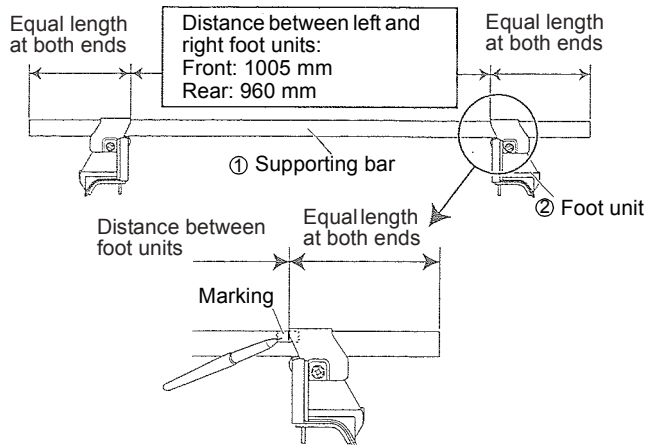


Note

Do not loosen the fixing bolt too much. If it gets removed, the foot unit ② must be reassembled using another complete foot unit as a sample.

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A-3. Determining Foot Unit Fitting Positions



- 1) Determine the foot unit ② fitting positions precisely as shown in the drawing, and mark the frame clamp positions on the supporting bar ① with a felt pen.

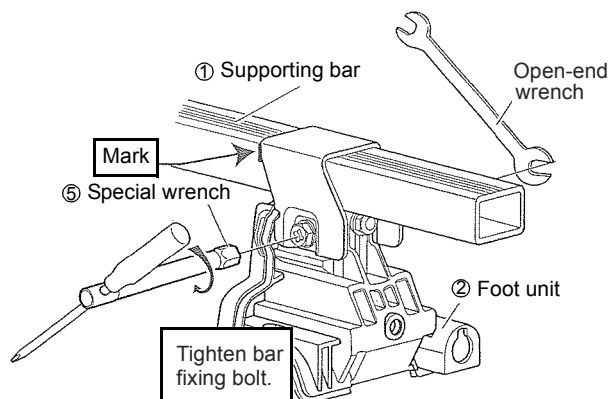
Distance between left and right foot units:
[Front: 1005 mm]
[Rear: 960 mm]

⚠ Caution

Correct determination of the foot unit fitting positions is very important for Base Carrier installation. If they are incorrect, the Base Carrier could come off or slip out of place during driving.

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A-4. Securing Supporting Bar



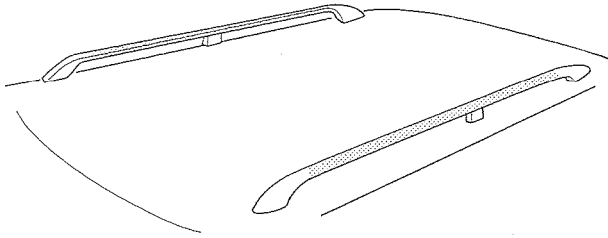
- 1) Align the mark on the supporting bar ① with the inner edge of the frame clamp on the foot unit ②.
- 2) Secure the supporting bar ① by tightening the fixing bolt using the special wrench ⑤ and open-end wrench as shown in the drawing.

Tightening torque (reference): 3.5 – 4.0 N·m (0.35 – 0.4 kgf·m)
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B. INSTALLING BASE CARRIER ON VEHICLE BODY

B-1. Cleaning Mounting Surfaces and Neighboring Areas



- 1) Wipe off wax, dust and any other dirt from the Base Carrier mounting surfaces and the neighboring areas (shaded in the drawing) on the roof rails using a mild neutral detergent, and let the cleaned surfaces dry completely.

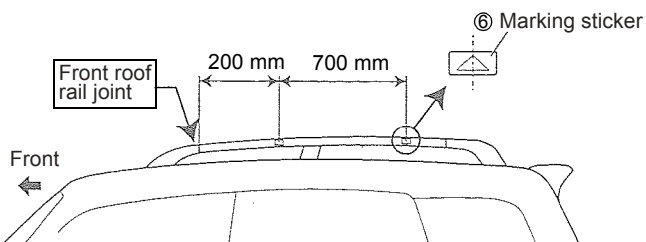


Caution

- Be sure to wipe off dirt or wax from the mounting surface and the neighboring areas.
- Never use organic solvents such as paint thinner, benzine and gasoline.

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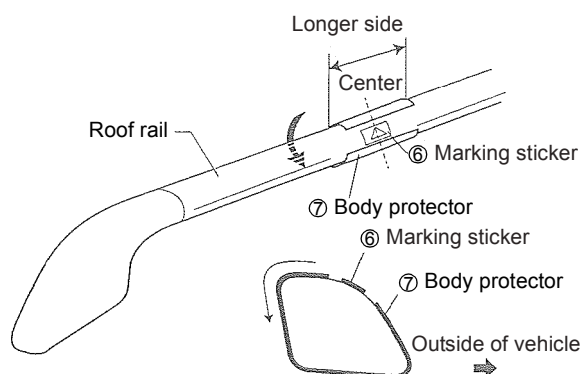
B-2. Determining Foot Unit Mounting Positions and Attaching Marking Stickers



- 1) Determine the foot unit mounting positions on each roof rail, by taking the distances indicated in the drawing from the rail's front joint, and attach the marking stickers ⑥ at the measured positions. (4 places)

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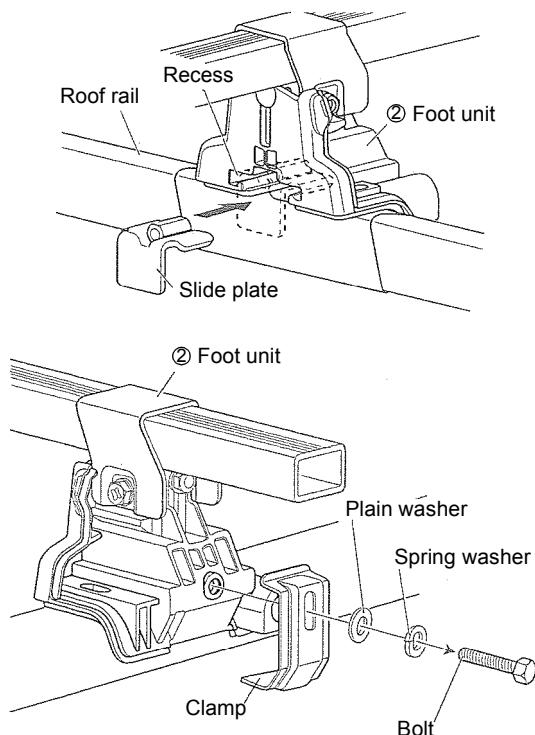
B-3. Attaching Body Protectors



- 1) Align the center of the longer side of the body protector ⑦ with the index on the marking sticker ⑥, then wrap the body protector ⑦ around the roof rail. (Do this for all of the four foot unit mounting positions.)

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B-4. Fitting Foot Units



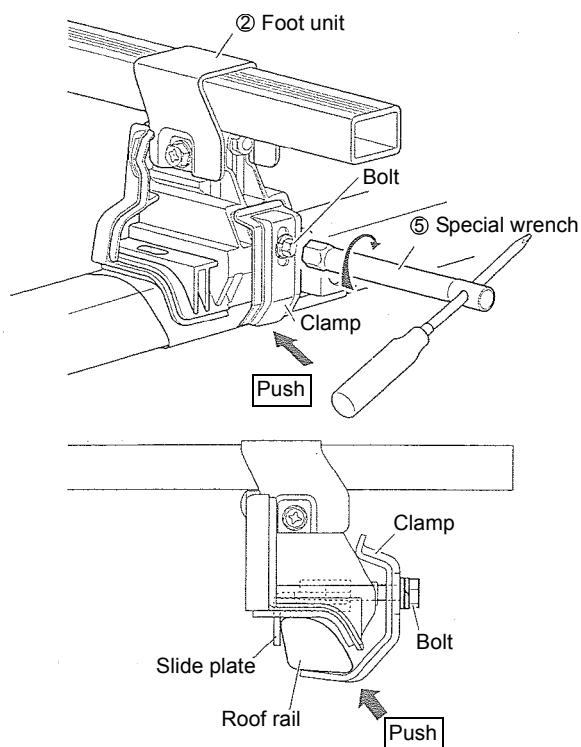
Caution

The Base Carrier must be installed by two persons on both sides of the vehicle to ensure that the Base Carriers are installed in well balanced positions and to avoid damaging the vehicle body.

- 1) Mount each foot unit ② with its center aligned with the index on the marking sticker ⑥ at the mounting position.
- 2) Insert the slide plate into the slot in each foot unit ② from the inner side of the vehicle.
- 3) Temporarily fix the clamp on each foot unit ② with the spring washer, plain washer, and the bolt.

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B-5. Securing Foot Units

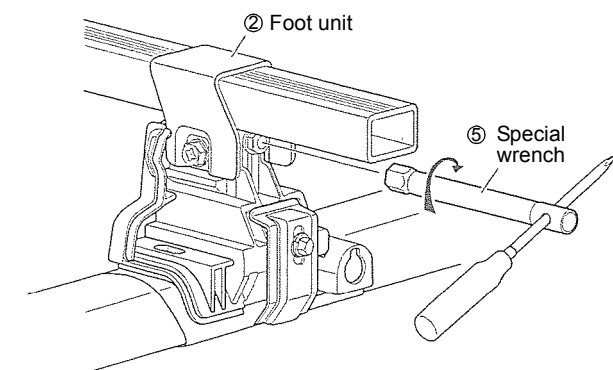


- 1) Make sure that the slide plate is contacting the inner side of the roof rail and that the clamp is properly hooked to the rail.
- 2) Pushing the bottom of the clamp against the roof rail, tighten the clamp bolt to secure each foot unit ② evenly using the special wrench ⑤.

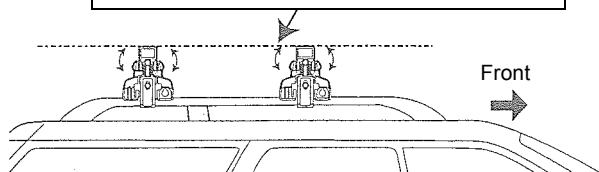
<p>Tightening torque (reference): 3.0 – 3.5 N·m (0.3 – 0.35 kgf·m)</p>
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B-6. Securing Frame Clamps



Top surfaces of supporting bars ① must be on same level plane.

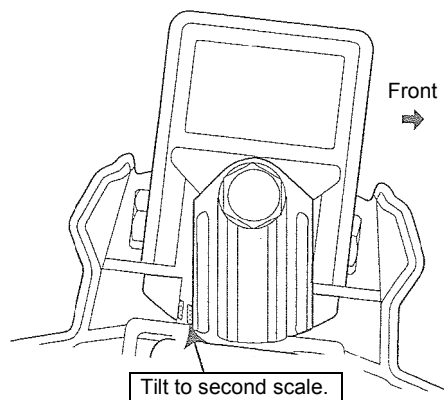


- 1) Loosen the angle adjusting bolt on the outer side of each foot unit ②. Adjust the top surfaces of the front and rear supporting bars ① so that they are on the same level plane.
- 2) Retighten the angle adjusting bolt using the special wrench ⑤.

Tightening torque (reference):
3.5 – 4.0 N·m (0.35 – 0.4 kgf·m)

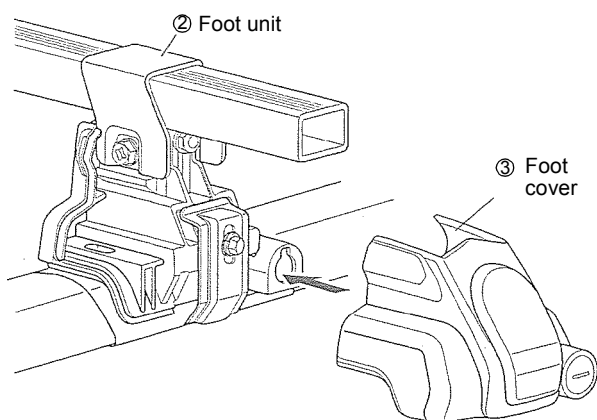
Note

Driving the vehicle with no attachments on the Base Carrier may cause wind noise under certain circumstances. In such a case, tilt the front supporting bar ① in the direction shown in the drawing below. This may be effective to reduce wind noise. (Make this adjustment at the driver's side front foot unit.)



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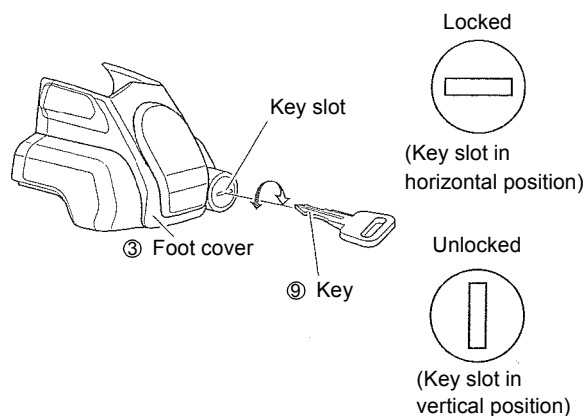
B-7. Attaching Foot Covers



- 1) Fit the foot cover ③ onto each foot unit ②.

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B-8. Locking Foot Covers



Key number:

- 1) Insert the key ⑨ in the key cylinder and turn it through 90 degrees clockwise to lock the foot cover. To unlock, turn the key all the way back.



Warning

Make sure to lock the foot covers before driving for safety.



Caution

Periodically lubricate the key cylinder with an appropriate lubricant.

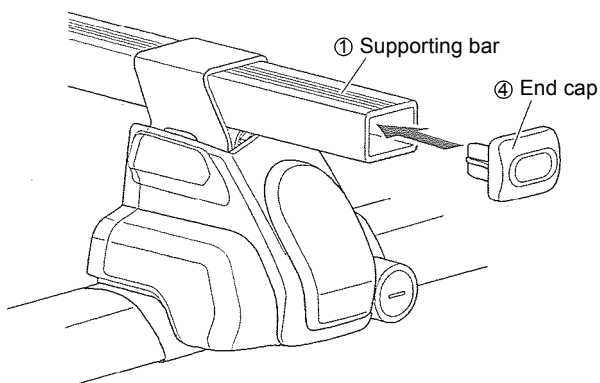


Note

- If the cover is hard to lock, turn the key while pressing the foot cover ③ against the foot.
- Keep the spare key in a safe place.
- Write down the key number. You can order the same key by that key number. (The key number is found on the inner surface of the foot cover ③.)

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B-9. Fitting End Caps

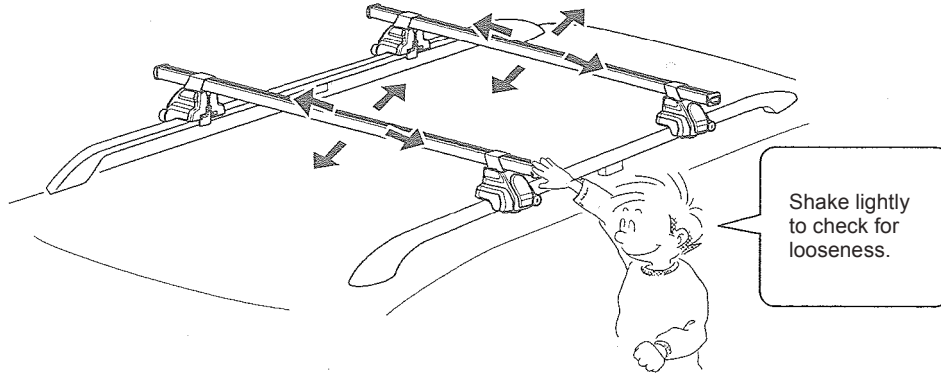


- 1) Fit the four end caps ④ in the supporting bars ①.

Check

C. CHECKING AFTER INSTALLATION

- 1) Check that the Base Carrier is correctly installed with all the fasteners securely tightened.
- 2) Check that all parts are properly positioned as specified.
- 3) Shake the Base Carrier lightly to check for any looseness.
- 4) If any sign of poor installation is found during above process, repeat the installation process from the beginning.

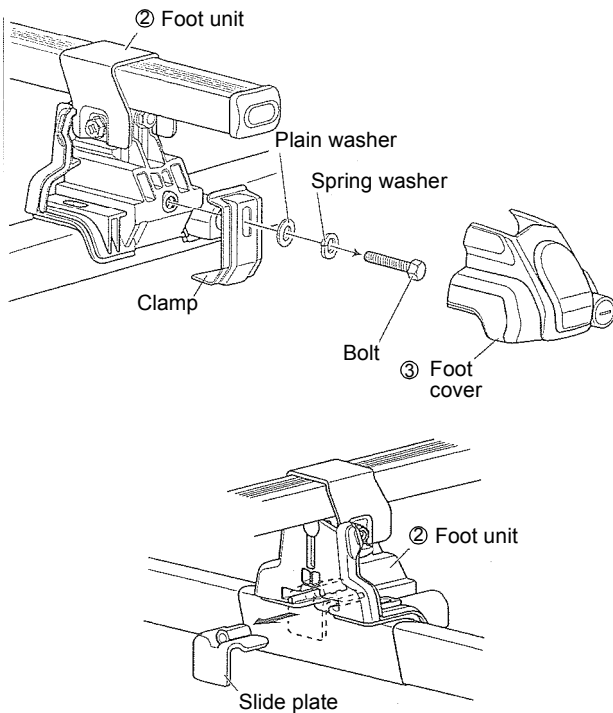


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D. REMOVAL

⚠ Caution

- To ensure safety and work efficiency as well, we recommend that removal of the Base Carrier be performed by two persons.
- Be careful not to lose any removed parts.
- Be careful not to scratch or otherwise damage the vehicle body and Base Carrier during removal.



- 1) Remove all the loads from the attachment.
- 2) Remove the attachment from the Base Carrier. (For details of Base Carrier attachment, refer to the Installation and Handling Instructions for each attachment.)
- 3) Unlock and remove the foot covers ③.
- 4) Remove the bolt, spring washer, plain washer and clamp from each foot unit ②.
- 5) Remove the slide plate from the inner side of each foot unit ②.
- 6) Remove the Base Carrier from the roof rails.

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E. REINSTALLATION

- 1) Prior to reinstallation, make sure that all the parts are intact and there are no missing parts. Then, install the Base Carrier in accordance with the instructions given in this publication.
- 2) Should any part be found damaged or missing, contact an authorized Mitsubishi Motors dealer.

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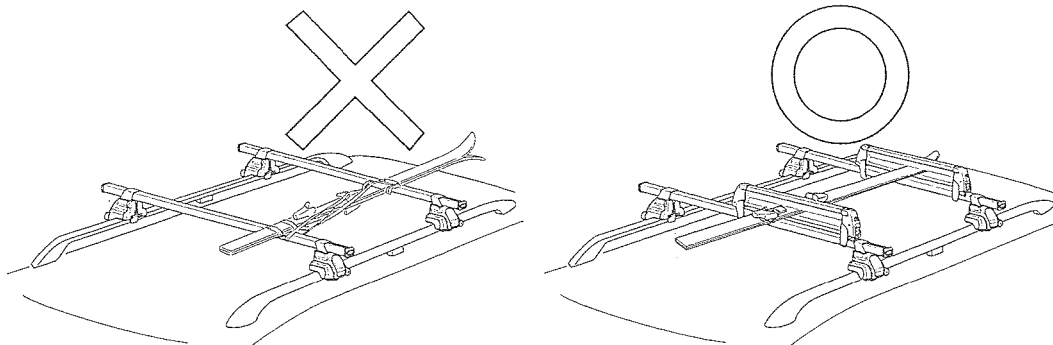
CARE AND HANDLING

Read the following instructions carefully and follow them to ensure correct use of the product.



Caution

- The Base Carrier is not designed to carry loads without using attachments.



- If a load is attached to the Base Carrier directly, not only the Base Carrier or the vehicle body could be damaged but also the load could fall off. Be sure to use the Base Carrier together with dedicated attachments.
- When carrying loads using dedicated attachments, read the instructions for the attachments carefully.

■ DEDICATED ATTACHMENTS (SEPARATELY SOLD)

Listed below are the attachments usable with this Base Carrier. Obtain and install suitable one according to your intended use.

- | | |
|--|--|
| • Ski attachment (flat load/aluminum short type) | MZ532208EX
Accommodates 4 pairs of skis or 2 snowboards |
| • Roof rack attachment | MZ532214EX. . .750 mm width |
| • Cycle attachment (upright loading) | MZ532211EX |
| • Surfboard attachment | MZ532212EX. . .With mast holder |
| • Belt set (Length: 5 m) | MZ535918EX |
| • Roof net (Size: 800 x 800 mm) | MZ535961EX |

■ HANDLING PRECAUTIONS

- 1) Precautions to be taken before driving
 - The maximum load of the Base Carrier is 50 kg. Do not overload.
 - New fasteners need some time to be broken in. After the vehicle has driven 100 km or so, check that bolts, clamps, etc. are all tight and secure and retighten as necessary.
 - Make it a habit to check bolts, knobs, etc. for looseness and retighten if necessary before and after driving.
- 2) Precautions to be taken during driving
 - With a load carried on the roof, drive the vehicle carefully and avoid steering sharply and starting and braking rapidly. Keep your speed down when running on sharp curves, rough roads and in strong side or head winds as control over the vehicle can be greatly impaired under such conditions.
 - With a load carried on the roof, make sure of sufficient overhead clearance before entering a tunnel or roofed parking space.
- 3) Handling precautions
 - When skis or other lengthy goods are loaded, be careful not to strike the tailgate or trunk lid with them when opening. The vehicle body and window glass could be damaged.
 - When the Base Carrier is on the roof, avoid opening and closing the sunroof (tilt-up or sliding type). It may be damaged if it hits against the Base Carrier.
- 4) Precautions for car washing
 - Avoid washing the vehicle in an automatic car washer when it is fitted with the Base Carrier. Otherwise, detachment of the Base Carrier and/or attachment, deformation of the roof and other problems could occur.
Remove the Base Carrier if an automatic car wash is used.



Note

- **Driving with no attachment on the Base Carrier can produce wind noises, depending on running conditions, weather conditions, etc. In such cases, we recommend to change the frame clamp angle (refer to p. 7, B-6) or remove the Base Carrier.**
- **Installation of an attachment onto the Base Carrier does not eliminate wind noises completely for structural reasons.**

■ MAINTENANCE

- If the paint or coating on the Base Carrier becomes scratched, cover the scratch with touch-up paint to prevent rust.
- Move the nuts, bolts and knobs occasionally. If they are left untouched for a long period, they may become stuck.
- If the Base Carrier becomes dirty, wipe it clean using a soft cloth or sponge moistened with a neutral detergent. Do not use leather wax, tire wax or organic solvent such as paint thinner.