

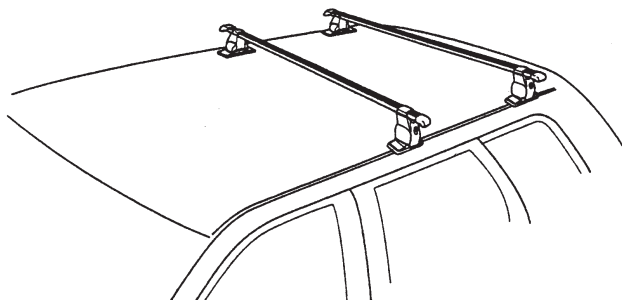
PAJERO/MONTERO

(Short/Long Body Vehicles without Roof Rails)

BASE CARRIER

MZ532148EX

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 the 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

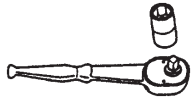
Provides additional information that facilitates installation work.

- 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.
- Mitsubishi Motors Corporation is not responsible for any defects or difficulties caused by or resulting from the failure to follow given instructions.
- If there is anything unclear about the installation, handling and/or usage of the product, contact your Mitsubishi Motors dealer for clarification.
- We recommend to have this product installed 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.)

Socket wrench (10 mm)



Open-end wrench (10 mm)



Tape measure



Vinyl tape



Plastic hammer




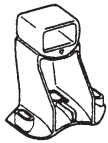
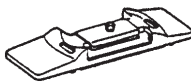













Soft cloth



Neutral detergent



● Components (Make sure that all of the following components were included in the kit.)

① Supporting bar: 2 	② Foot Assembly: 4 	③ Cushion base (with clamp): 4 	④ Pad: 4 
⑤ Foot cover: 4 	⑥ End cap: 4 	⑦ Square neck bolt (M6x35): 8 	⑧ Plain washer (M6): 8 
⑨ Spring washer (M6): 8 	⑩ Nut (M6): 8 	⑪ Marking sticker: 4 	⑫ Body protector: 4 
⑬ Tie wrap: 1 	⑭ Key: 2 	⑮ Not needed in your market: 1 	⑯ Installation and Handling Instructions: 1 

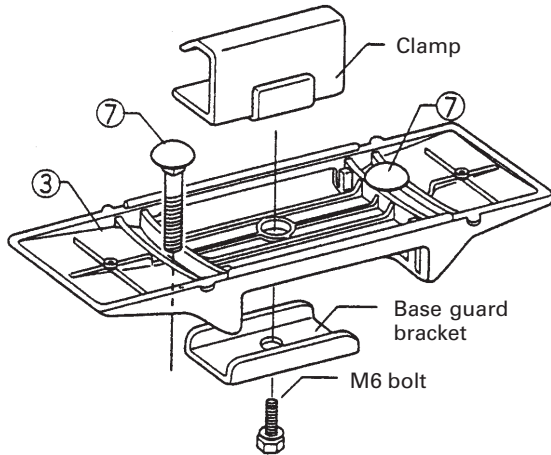
● Precautions

- Handle the product using sufficient care not to drop or damage it.
- Carry out the installation work in a spacious place where safety can be ensured without any obstacles that prevent the doors from being opened and closed properly.

INSTALLATION PROCEDURES

A. Assembling

1. Preparing Cushion Base for Fitting



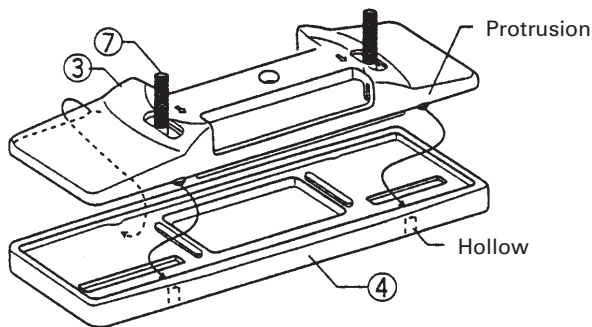
! Caution

Make sure M6x35 square neck bolts have their neck fitted in the grooves.

- 1) Loosen M6 bolt, then remove clamp and base guard bracket from each cushion base ③.
- 2) Install the M6x35 square neck bolts ⑦ in the ob-long holes in the cushion base ③.

Check

2. Assembling Pad with Cushion Base



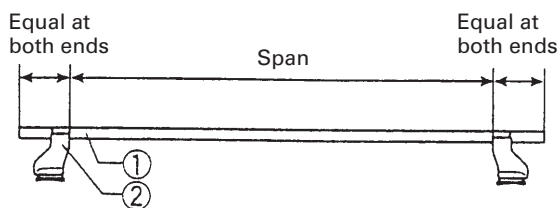
! Caution

- Position the cushion base correctly on the pad.
- When fitting the cushion base, use care not to let M6x35 square neck bolts fall off.

- 1) Fit the protrusions on the cushion base ③ in the hollows in the pad ④ as shown.

Check

3. Determining Foot Fitting Position



Foot-to-foot span

	Front	Center	Rear
PAJERO/MONTERO (short body)	1057 mm		1064 mm
PAJERO/MONTERO (long body)	1060 mm	1056 mm	1058 mm

📖 Note

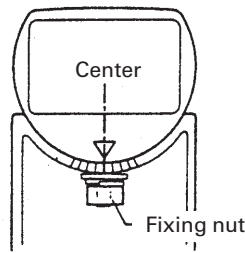
Remember that the supporting bars are fitted in the foot assemblies with their corrugated side facing upward.

- 1) Locate the foot fitting positions on each supporting bar ①. Mark the supporting bar ① to indicate the foot fitting positions using vinyl tape.
- 2) Attach the foot assembly ② loosely to the supporting bar ① in the marked foot fitting positions.

Check

4. Securing Foot Assembly to Supporting Bar

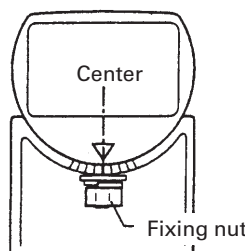
- PAJERO/MONTERO (long body)



Front/center/rear mounting positions – both sides

* Center graduation

- PAJERO/MONTERO (short body)



Front/rear mounting positions – both sides

* Center graduation



Caution

Aligning ▼ mark with the supporting bar center point is very important. Be sure to accomplish it.

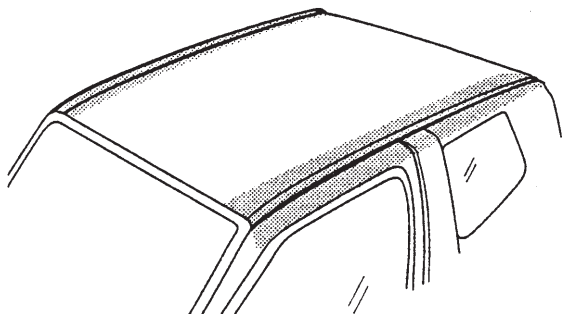
- Align the ▼ mark of each foot assembly ② with the center point graduated on the supporting bar ①, then tighten fixing nut to secure the foot assembly to the supporting bar.

Recommended tightening torque:
3.5 – 4.0 Nm {0.3 – 0.4 kgfm}

Check

B. Installing Base Carrier on Vehicle Body

- Cleaning Mounting Surface and Neighboring Area



Caution

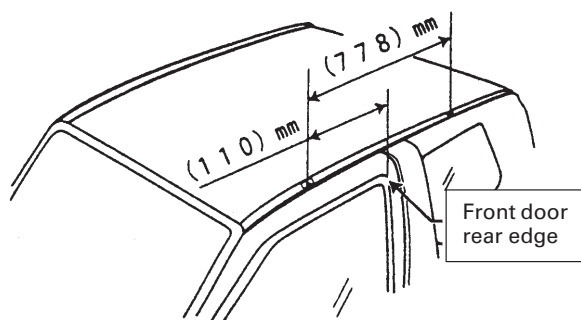
Be sure to wipe off dirt, wax, etc. from the surface on which the base carrier will be installed and neighboring areas. Never use organic solvents such as paint thinner, benzine and gasoline.

- Open the doors on both sides of the vehicle.
- Wipe off wax, dust and dirt from the surfaces where the marking stickers ⑪ will be attached and neighboring areas (shaded in the illustration at left) using a mild neutral detergent, and dry the cleaned surfaces completely.
- Close the doors.

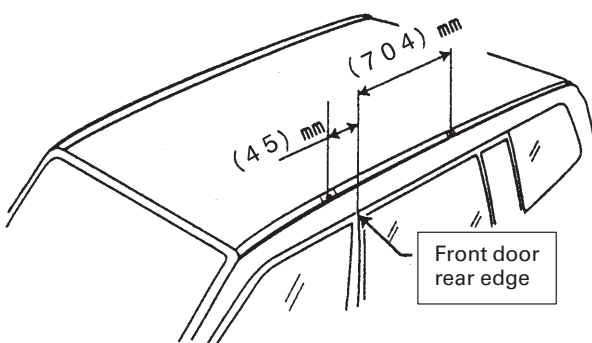
Check

2. Determining Foot Mounting Position and Affixing Marking Sticker

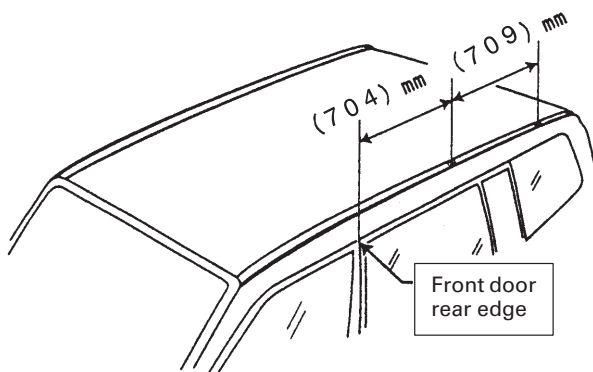
- PAJERO/MONTERO (short body)



- PAJERO/MONTERO (long body)
(Mounting at front and center positions)



- PAJERO/MONTERO (long body)
(Mounting at center and rear positions)



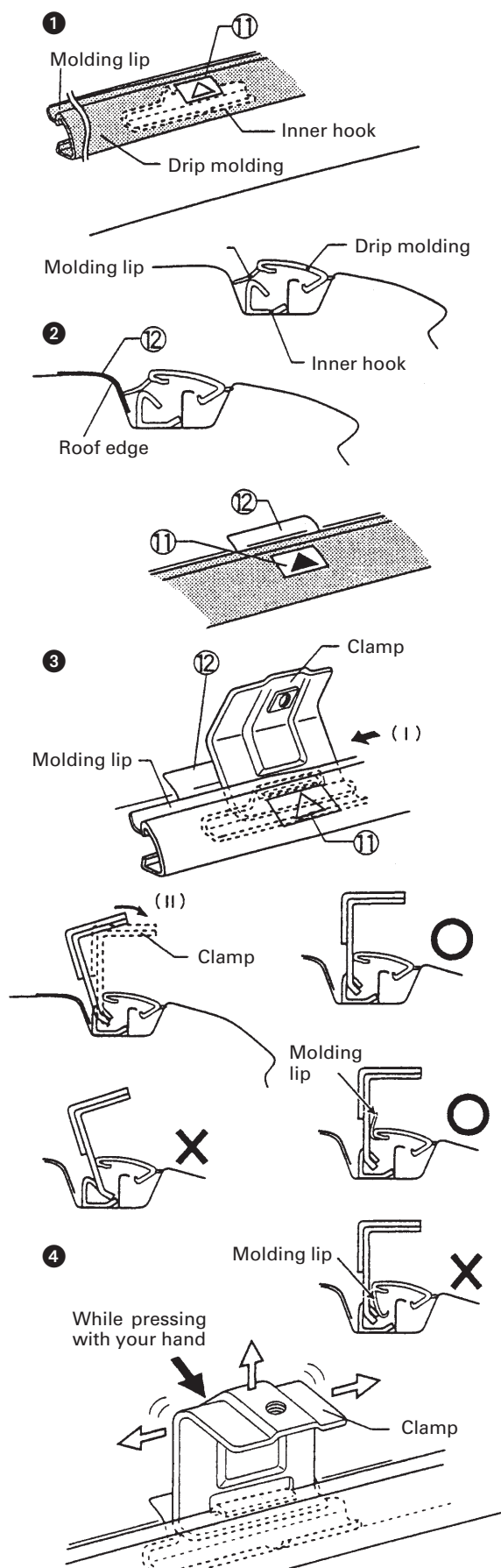
Warning

Determining foot mounting positions correctly is crucial for the base carrier installation. If the foot assemblies are mounted out of position, the base carrier could come off or slip out of place while the vehicle is running.

- 1) Measure the foot mounting positions on the roof from the rear edge of the front door. Affix the marking stickers ⑪ to the drip moldings in the measured foot mounting positions.

Check	
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3. Fitting Clamp



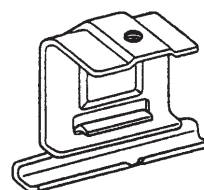
1) Fasten the clamps to inner hooks in the sequence of 1 through 4.

1 Turn over the lip of drip molding in the marker sticker affixed position and make sure of inner hook position.

2 Affix the body protectors 12 to the roof edge in the marking sticker affixed positions.

3 Slide each clamp to engage it with the inner hook as shown at left.

Clamp-inner hook engagement

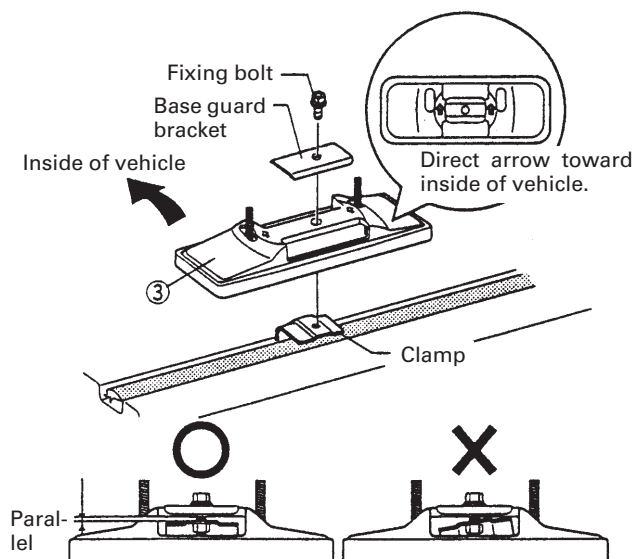


! Caution

- Make sure each clamp securely engages with the inner hook.
- Take care so that molding lip is not tucked in.

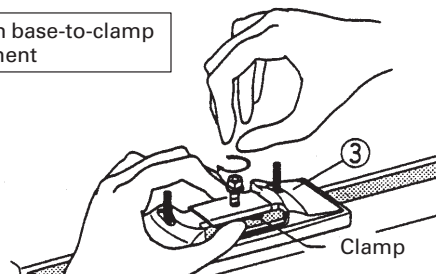
4 Shake each clamp lightly in four directions to make sure it is tight and secure.

4. Fitting Cushion Base



- 1) Set the cushion base ③ over the clamp onto the drip molding **with the arrow facing the inside of the vehicle.**
- 2) **Holding the clamp with your hand**, mount the base guard bracket onto the top of the cushion base ③, hole to hole. Then, install the fixing bolt through the base guard bracket and cushion base ③ handtight into the clamp.

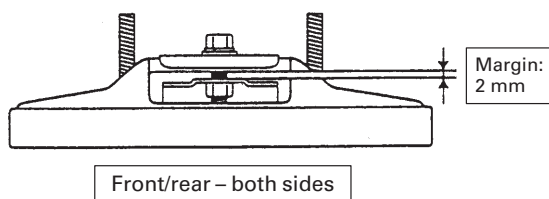
Cushion base-to-clamp attachment



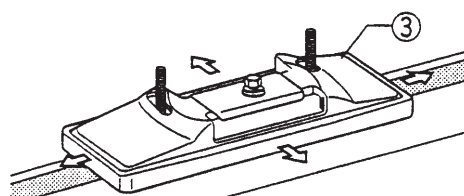
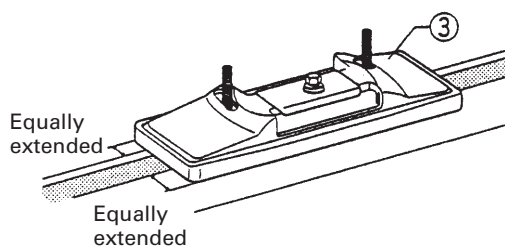
- 3) After making sure that the cushion base is parallel with the clamp, tighten the fixing bolt to secure the cushion base firmly. (4 places)

Recommended tightening torque:
3.5 – 4.0 Nm {0.3 – 0.4 kgfm}

- **Determine the tightening torque of the fixing bolt by referring to the illustration below.**

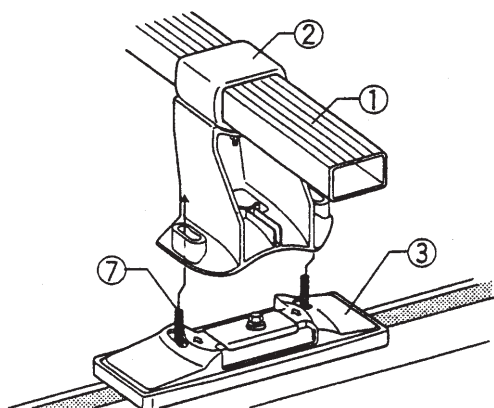


- Center the cushion base on drip molding.
- Shake the cushion base in four directions to make sure it is tight and secure.



Check

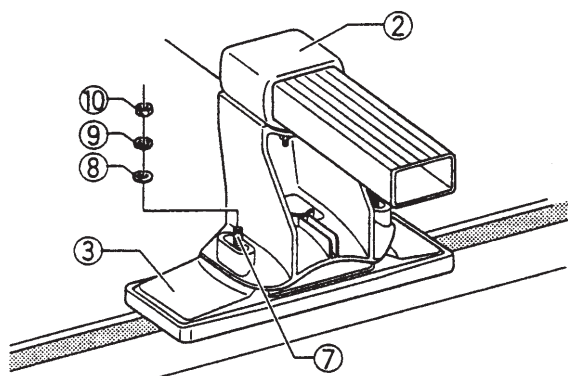
5. Fitting Foot Assembly



- 1) Mount each foot assembly (2) fitted with the supporting bar (1) on the cushion base (3) while aligning M6x35 square neck bolts (7) with the mating holes in the foot assembly.

Check	
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6. Securing Foot Assembly

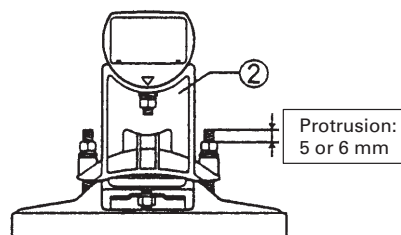


- 1) Secure each foot assembly (2) to the cushion base (3) with the M6 nut (10), plain washer (8) and M6 spring washer (9).

Recommended tightening torque:
3.5 – 4.0 Nm {0.3 – 0.4 kgfm}

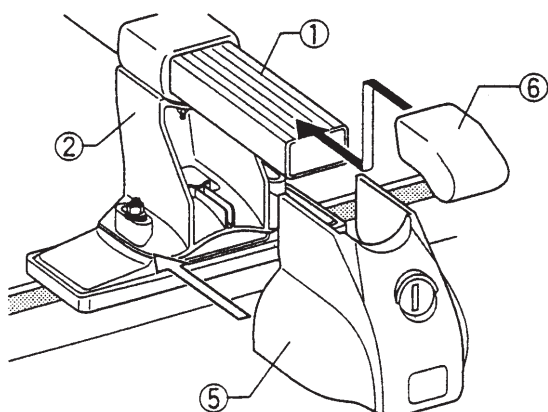
Caution

Make sure the tip of each M6x35 square neck bolt protrudes 5 or 6 mm long from M6 nut.



Check	
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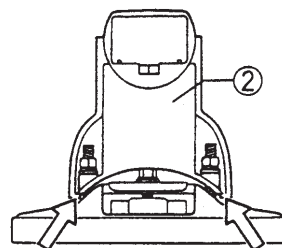
7. Fitting End Cap and Foot Cover



- 1) Fit the end cap (6) onto each end of the supporting bar (1).
- 2) Fit the foot cover (5) onto each foot assembly (2).

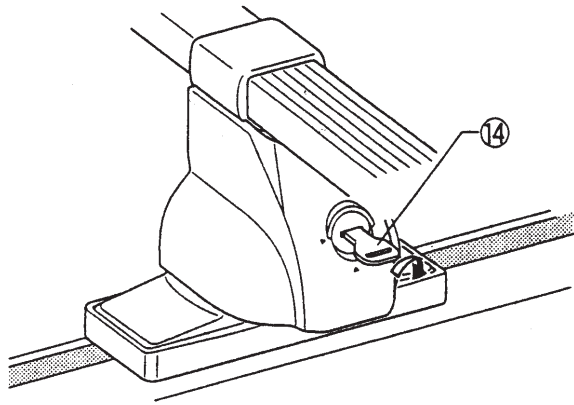
Caution

Make sure the tabs of the foot cover hook securely on the lower edge of the foot assembly.



Check	
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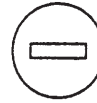
8. Locking Foot Cover



Key number:

- 1) Insert the key ⑭ 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.

Locked



(Key slot is horizontal)

Unlocked



(Key slot is vertical)

Warning

Before driving, be sure to lock the foot covers for safety.

Caution

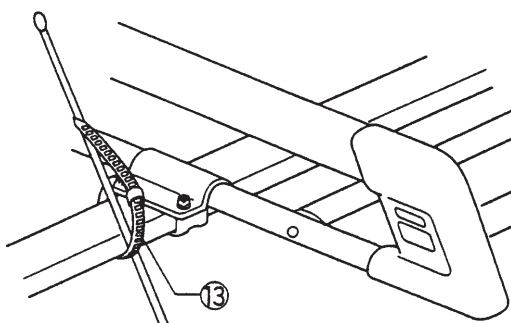
Periodically spray the key cylinder with an appropriate lubricant.

Note

- If the cover is hard to lock, turn the key while pressing the foot cover against the foot assembly.
- Keep the spare key with care.
- Note the key number in the box at left and elsewhere just in case. (The key number is found on the inside of the foot cover.)

Check

9. Binding Roof Antenna with Tie Wrap



- 1) When a roof attachment is installed on the base carrier, the roof antenna may interfere with it. Bind the roof antenna to the right side portion of the front supporting bar ① with the tie wrap ⑬.

Check

C. Checking after Installation

- 1) Check that the installation has been done correctly with all the fasteners securely tightened.
- 2) Check that all the parts are positioned as specified.
- 3) Shake the carrier lightly and check for looseness.
- 4) If above checks 1) to 3) revealed poor installation, repeat the installation process from the beginning.

Check	
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After the installation work is completed, check to see if the Check boxes have been all ticked.

D. Removal



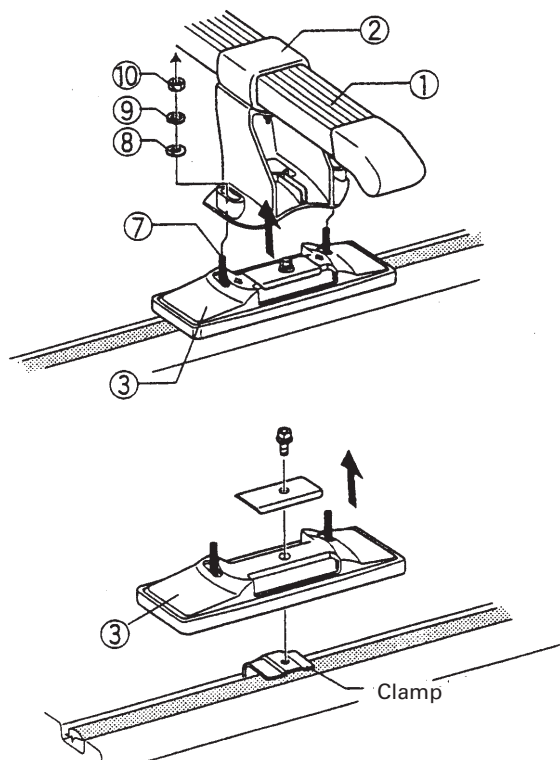
Caution

- Be careful not to lose any removed parts.
- Be careful not to scratch or otherwise damage the vehicle body and base carrier while performing removal.



Note

To ensure safety and efficiency as well, we recommend that removal be performed by two persons.

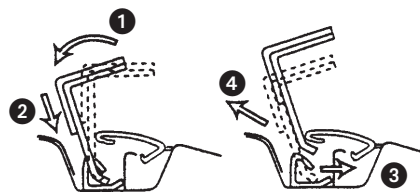


- 1) Remove all load from the roof carrier.
- 2) Remove the attachments from the base carrier. (For details, refer to the Installation and Handling Instructions for the attachments.)
- 3) Unlock and remove the foot covers (5).
- 4) Remove the M6 nuts (10), M6 spring washer (9) and plain washer (8) holding each foot assembly (2) to the cushion base (3). Then, remove the foot assemblies (2) with the supporting bars (1) from the vehicle body.
- 5) Remove the cushion bases (3) from the vehicle body by following the installation sequence in reverse.



Note

Remove the clamps in the following sequence.



Check	
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E. Reinstallation

- 1) Prior to reinstallation, make sure that all the parts are available and damage-free. Then, carry out the work in accordance with instructions given in this publication.
- 2) Should any part be found damaged or missing, contact an authorized Mitsubishi Motors dealer.

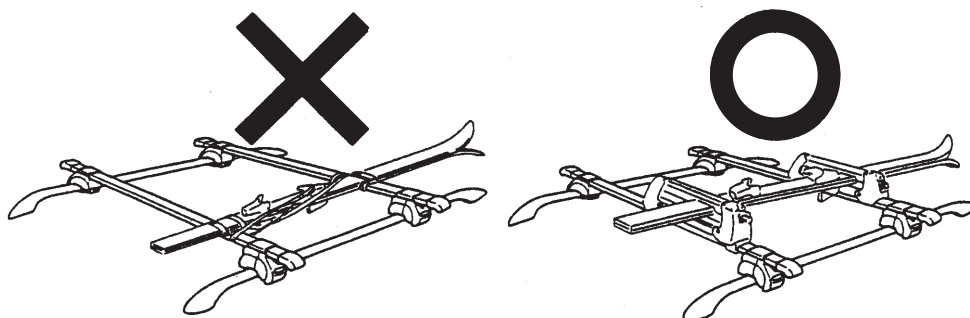
CARE AND HANDLING

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 directly.



- 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 in combination with an appropriate dedicated attachment or attachments.
- When loading goods using their dedicated attachments, read the instructions for the attachment carefully.

● Dedicated Attachments (Separately Sold)

Listed below are the attachments usable with this base carrier. Obtain and install suitable one according to intended use.

- | | |
|--|--|
| ● Ski/Snowboard Attachment
(for slanting load/long type) | MZ535974EX . Accommodates 3 pairs of skis or 2 snowboards. |
| ● Ski/Snowboard Attachment
(for horizontal load/aluminum, short type) | MZ535975EX . Accommodates 4 pairs of skis or 2 snowboards. |
| ● Ski/Snowboard Attachment
(for horizontal load/aluminum, long type) | MZ535976EX . Accommodates 6 pairs of skis or 4 snowboards. |
| ● Roof Rack Attachment | MZ533127EX 750 mm wide |
| ● Roof Rack Attachment with Roll Tent | MZ571029 1050 mm wide |
| ● Bike Attachment (upright position) | MZ535890EX |
| ● Wind/Surfboard Attachment | MZ535889EX . With mast holder |
| ● Tie Down Belt Set (5 m long) | MZ535918EX |
| ● Roof Net (800 mm long x 800 mm wide) | MZ535961EX |

● Handling Precautions

- (1) Precautions to be taken before driving
 - The maximum load is 50 kg. Do not overload.
 - Make sure that the load is securely held in place.
 - New fasteners need some time to be broken in. Check for their looseness with particular care and retighten for a while after installation.
After the vehicle does 100 km or so, check that bolts, clamps, etc. are all tight and secure.
 - 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. Detachment of the base carrier and/or attachment, deformation of the roof and other problems could occur.



Note

- Driving with the base carrier alone on the roof can produce wind noises, depending on running conditions, weather conditions, etc. We recommend that the base carrier be removed when not necessary.
- 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 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 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.

● Storage

- Use care not to lose small parts.
- For re-installation, keep this publication together with the carrier.
- When you remove the carrier from the vehicle for storage, clean the parts completely and keep them in a dry place properly wrapped in newspaper or the like.
- Leave the marking stickers ⑪ and body protectors ⑫ untouched. They become necessary as a guide at the time of re-installation.