

GENUINE MUD FLAP (FRONT)

INSTALLATION AND USER'S INSTRUCTIONS

Thank you for purchasing a Genuine Mazda Accessory.

Before removal and installation, Please thoroughly read these instructions.

For your safety, please read the contents of this booklet to properly install and use the mud flap (front).

Keep these instructions with your vehicle records for future reference.



- There are several **⚠️ WARNING** and **⚠️ CAUTION** sections in this booklet concerning safety when installing or removing the mud flap (front). Always read and follow the instructions in order to prevent injuries, accidents, and possible damage to the vehicle.

⚠️ WARNING : Indicates a situation in which serious injury or death could result if the warning is ignored.

⚠️ CAUTION : Indicates a situation in which bodily injury or damage to the vehicle could result if the caution is ignored.

- For areas indicating the tightening torque in this instruction manual, tighten to the specified torque by using a torque wrench. For areas in which the tightening torque is indicated inside parentheses (), the tightening torque is indicated as a reference value, however tightening using a torque wrench is not necessary.
- Do not modify the mud flap (front).
- Do not install the mud flap (front) in any way other than described in the following instructions.
- If in doubt, please contact your Mazda dealer to install the accessory in order to prevent errors in installation.
- If you have any questions about the use of the accessory, ask your Mazda dealer for proper advice before using it.
- Mazda and its suppliers are not responsible for injuries, accidents, and damage to persons and property that arise from the failure of the dealer or installer to follow these instructions.
- To ensure safety and reliability of the work, installation, removal and disposal work must be carried out by an Authorized Mazda Dealership.
- Be careful not to lose removed parts, and be sure that they are kept free of dirt, scratches, or damage.

PART NAME: MUD FLAP (FRONT)

PART NUMBER: KPF1 V3 450 / KSD5 V3 450

VEHICLE: MAZDA CX-5

NOTE

To the dealer

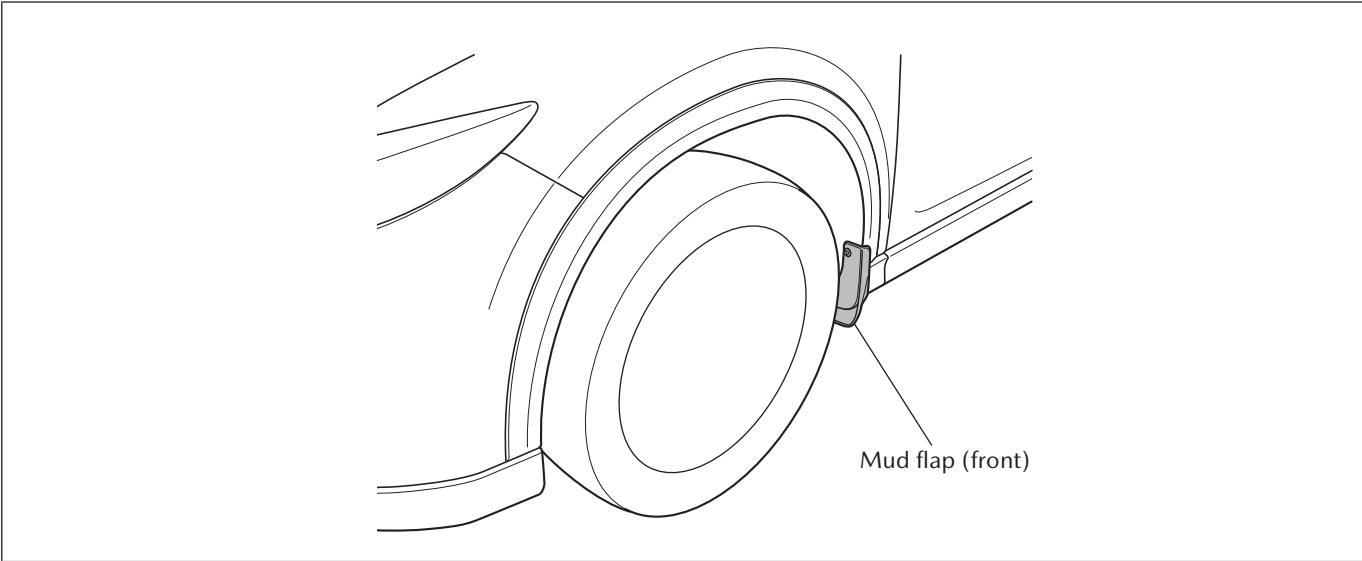
- Please turn over these instructions to the customer after installation.

To the customer

- Keep these instructions after installation. The instructions may be necessary for installing other optional parts or removal of this accessory.
- Should the vehicle or this accessory be resold, Always transfer these instructions to the next owner.



1. INSTALLATION VIEW



2. PARTS

- Before installation, verify that the kit includes all the following parts and that they are free of dirt, scratches, or damage.

Part	Part name	Qty	Part	Part name	Qty
	Mud flap (front) (RH/LH)	Each 1		Bolt	2
	Fastener ①	2		Fastener ②	2
	Clip nut	2		Tapping screw	2
	Jack nut	2		Installation and user's instructions (English/French/Spanish) (Other than Europe)	Each 1
	Web guide (For Europe)	1	* Included with KPF1 V3 450 only		

* Included with KSD5 V3 450 only

3. BEFORE INSTALLATION

REQUIRED TOOLS (Make sure they are at hand before starting work)

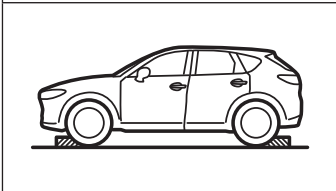
- ☆ Phillips screwdriver
- ☆ Socket wrench (8mm)
- ☆ Radio pliers
- ☆ Fastener remover wrapped with protective tape
- ☆ Nipper
- ☆ Utility knife
- ☆ Jack nut tool

Other items to prepare

- ☆ IPA (isopropyl alcohol) or white gasoline
- ☆ 3M™ Adhesion Promoter (For PP , TPO)

! WARNING

Before performing any work, park the vehicle on level ground, apply the parking brake securely, and then block the wheels. If the vehicle moves while performing work, it may cause injury.



! CAUTION

<p>Be sure to cover the vehicle body with protectors or mats to prevent stains, scratches and damage when removing/ installing the vehicle parts.</p>	<p>Using improper tools may cause damage and or broken parts. Use the correct tool for the installation.</p>	<p>Wrap protective tape around screwdrivers and fastener remover tools to prevent scratching the vehicle.</p>	<p>Put the removed parts and the parts in the kit on the protective sheet to prevent scratches.</p>

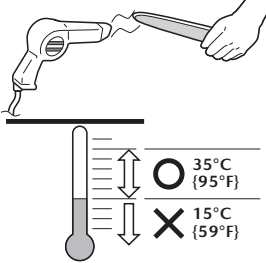
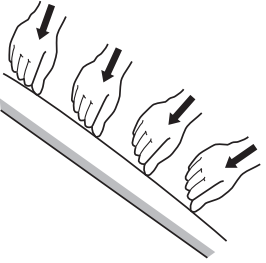
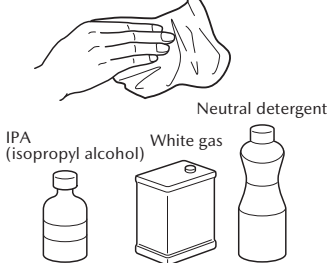
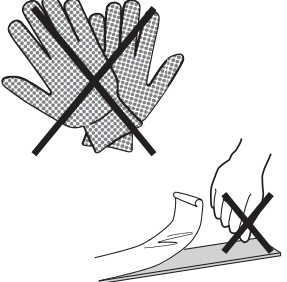

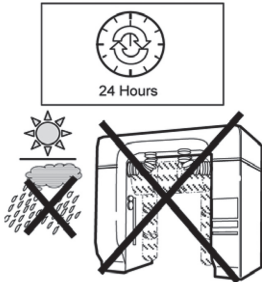
Advice

Refer to the Workshop Manual for removal and installation of vehicle parts. If the procedures in the workshop manual are not followed, operating problems or accidents may result.



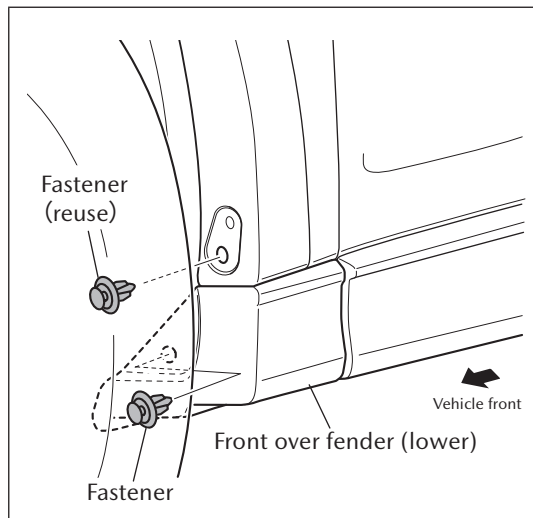
4. DOUBLE-SIDED TAPE ATTACHMENT

* "Attachment surface" refers to the front over fender and the front over fender (lower), and "part" refers to supplementary parts.

<p>1. Avoid working in ambient temperatures of less than 15 °C.</p> <p>The stickiness of the adhesive depends on the softness of the resin, and so the adhesive loses its stickiness and the adhesive strength drops at low temperatures (15 °C or less). Accordingly, avoid carrying out work in places where the ambient temperature is less than 15 °C. If working in places where the ambient temperature is less than 15 °C, you should heat the attachment surface and the part until they are warm enough.</p>	<p>2. Attach evenly.</p> <p>In order to ensure that the adhesive surface of the double-sided tape attaches correctly, it is necessary to press the adhesive surface of the tape against the attachment surface with a uniform force (50N) overall. In particular, press down sufficiently on the double-sided tape when the ends of the tape and the attachment surface are curved.</p>	<p>3. Clean the attachment surface.</p> <p>If there is any dirt, grease or other contamination on the attachment surface, they may become attached to the double-sided tape, causing a drop in the adhesive strength of the double-sided tape. You should clean the attachment surface before attaching the double-sided tape. As a general rule, use mild detergent for interior surfaces, and use IPA (isopropyl alcohol) or white gas for exterior surfaces. After cleaning, let the area dry sufficiently.</p>
		
<p>4. Avoid getting the tape dirty.</p> <p>If you touch the adhesive surface while working, oil from your hands can get onto the adhesive and cause a drop in the adhesive strength of the double-sided tape. In addition, when working while wearing gloves, fibers and dirt from the gloves may become attached to the adhesive. Take care to avoid contaminating the adhesive surface of the double-sided tape.</p>	<p>5. Surface treatment using primer</p> <p>When attaching a part to a plastic surface (molded-in, uncoated, etc.), it will be necessary to apply primer to the attachment surface so that sufficient adhesive strength can be obtained after installation. When treating a surface with primer, cover all surrounding areas with masking tape, except for the surfaces where the double-sided adhesive tape will be attached. After applying the primer, let it dry sufficiently.</p>	<p>6. Handling after attaching the tape.</p> <p>After the tape has been attached, the adhesive strength will not stabilize until 24 hours have passed, so do not drive or wash the vehicle or leave it exposed to rain for 24 hours. In addition, never remove and reattach the double-sided tape once the product has been installed, as this will result in a dramatic drop in adhesive strength.</p>
		

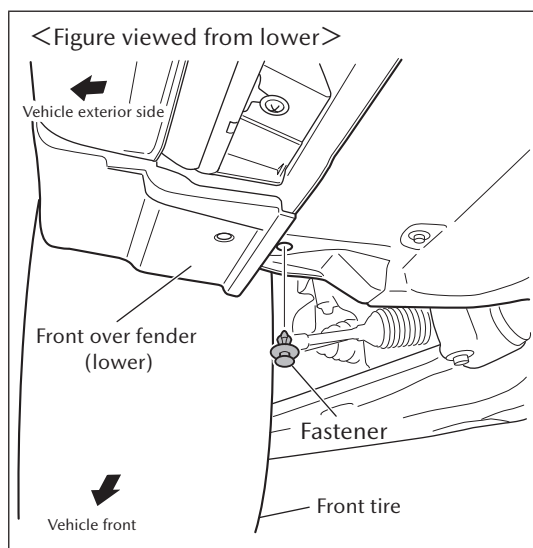
5. MUD FLAP (FRONT) INSTALLATION

- The figure shows the left side, however, perform the same procedure for the right side.

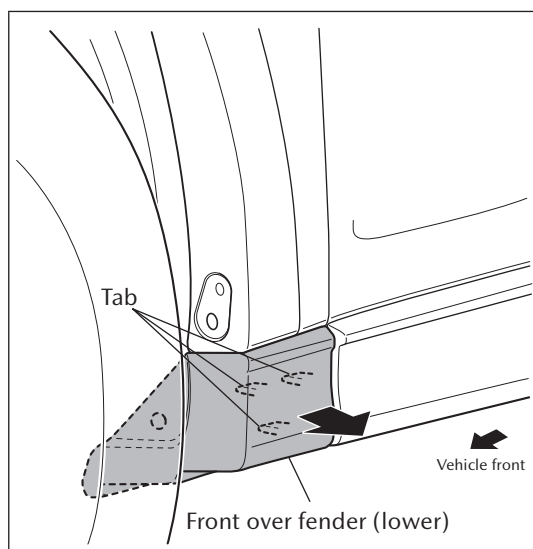


1. Remove the front over fender fasteners (2 places) shown in the diagram.

- Only one of the removed fasteners is to be reused.

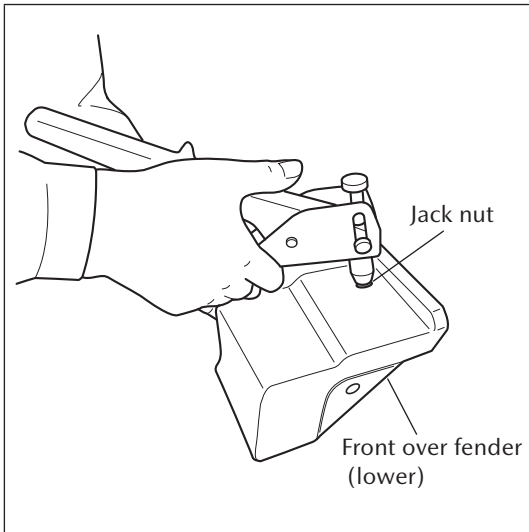


2. Remove the fastener (1 place) shown in the diagram from the underside of the vehicle.

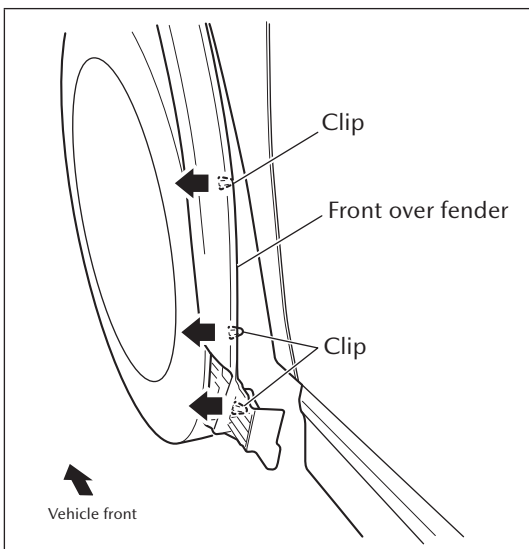


3. Grasp the flange on the vehicle interior side of the front over fender (lower) with your hand, pull it in the direction of the arrow and remove it. (Front over fender (lower) is secured by tabs in three locations.)

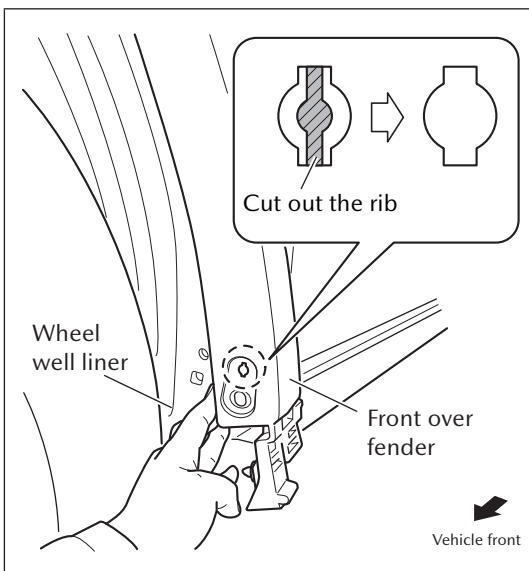
4. Install the jack nut in the hole on the underside of the removed front over fender (lower).

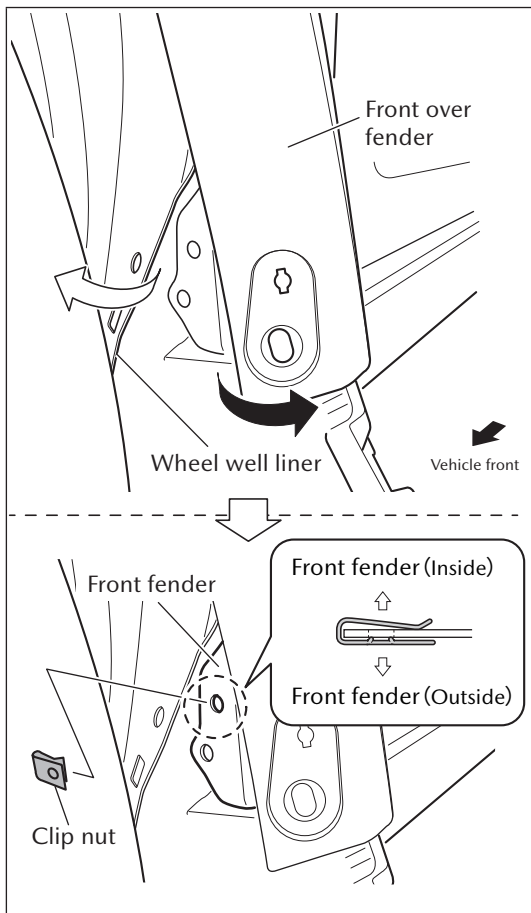


5. Remove the front over fender clips in the three locations from the bottom.

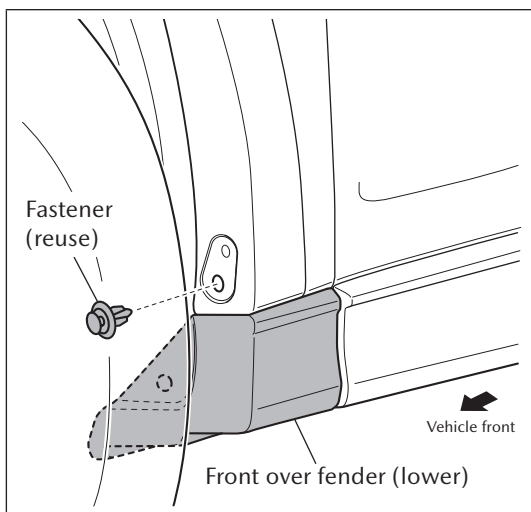


6. Cut out the rib of the front over fender shown in the figure using a nipper.

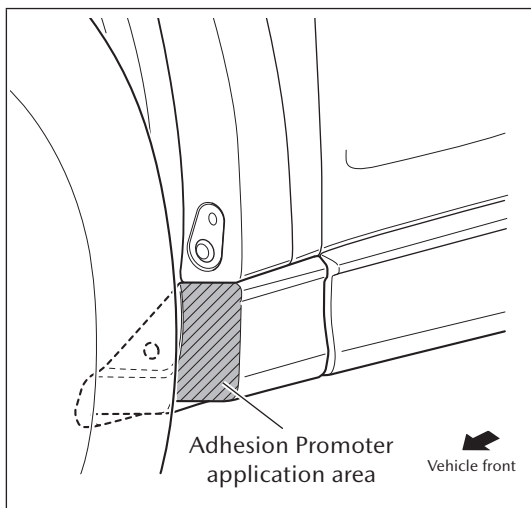




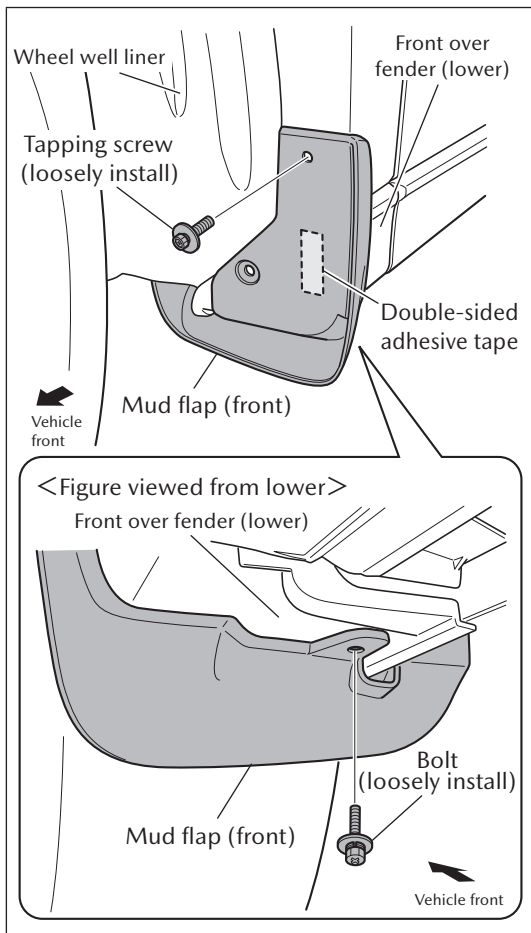
7. Pull back the front over fender and wheel well liner, and then install the clip nut to the front fender in the position shown in the diagram.



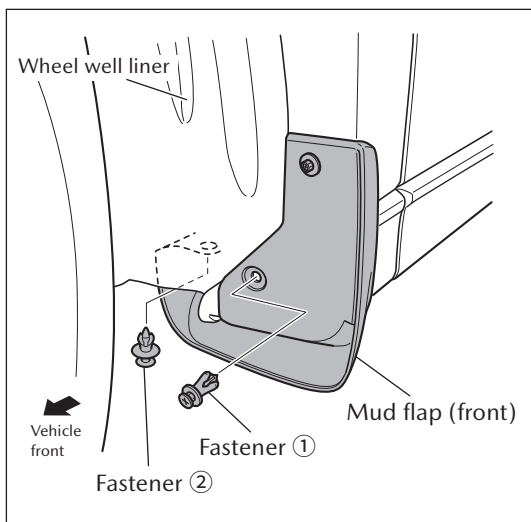
8. Re-install the front over fender and front over fender (lower) to their original positions and only install the one reusable fastener removed in Step 1.



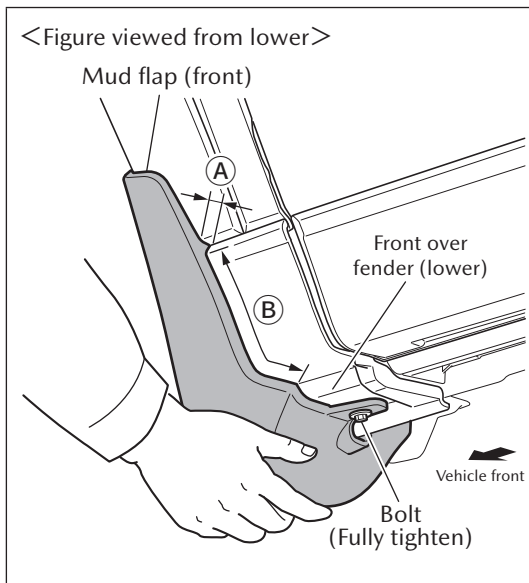
9. After thoroughly cleaning the area of the front over fender (lower) shown in the figure using Isopropyl Alcohol or white gasoline, let it dry sufficiently, and then apply adhesion promoter.



10. Remove the paper backing from the double-sided adhesive tape on the mud flap (front), and loosely install the tapping screw and bolt.

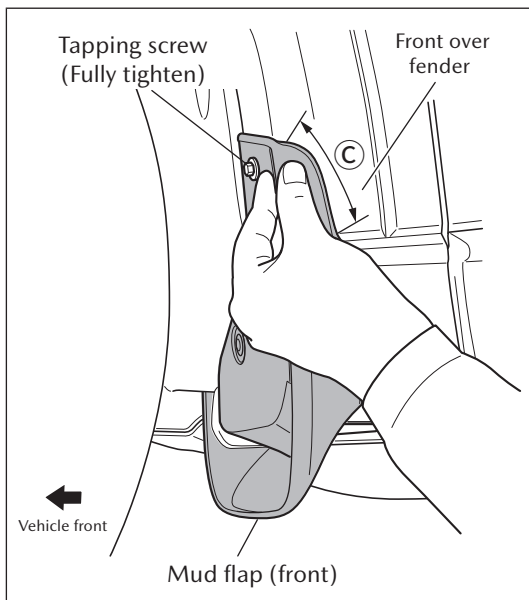


11. Install the mud flap (front) using the fasteners in the order of fastener ① and fastener ② shown in the figure.



12. Tighten the lower bolt while lifting up the mud flap (front) with your hand as shown in the diagram at left so that there is no gap between it and the lower surface section (A) of the front over fender or section (B) where it is attached to the side of the front over fender (lower).

Bolt tightening torque: (0.8 ~ 1.2 N·m)



13. Fully tighten the tapping screw while pushing the top end of the mud flap (front) against the front over fender as shown in the diagram at left so that there is no gap at section (C) .

Tapping screw tightening torque: (0.8 ~ 1.2 N·m)

6. VERIFICATION AFTER INSTALLATION

1. Verify that there are no gaps.

- If there are gaps, loosen the tapping screw on the front surface and the bolt on the under surface. Follow the instructions in Steps 12 and 13, and retighten the bolts so that there are no gaps between the mud flap (front) and the front over fender and the front over fender (lower).

2. Check that the bolts, fasteners and tapping screws are securely tightened.
 3. After verifying that there are no gaps, press the double-sided adhesive tape area firmly.