



GENUINE REAR SPOILER


INSTALLATION AND USER'S INSTRUCTIONS


Thank you for purchasing a genuine Mazda accessory.
Before removal and installation, be sure to thoroughly read these instructions.
Please read the contents of this booklet in order to properly install and use the rear spoiler.
Your safety depends on it. Keep these instructions with your vehicle records for future reference.

- The rear spoiler must always be installed as a set together with the deflector (B0J8 V4 990).
- So as not to omit installing any required accessories, install in the order of the rear spoiler (B0J8 V4 920) and then the deflector (B0J8 V4 990).

WARNING

- There are several  **WARNING** and  **CAUTION** sections in this booklet concerning safety when installing or removing the rear spoiler. Always read and follow them 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 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 rear spoiler.
- Do not install the rear spoiler in any way other than described in the following instructions.
- If in any doubt, please ask 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 from scratches, grease or other dirt.

PART NAME: REAR SPOILER
PART NUMBER: B0J8 V4 920 (SDN)
VEHICLE: MAZDA3

NOTE

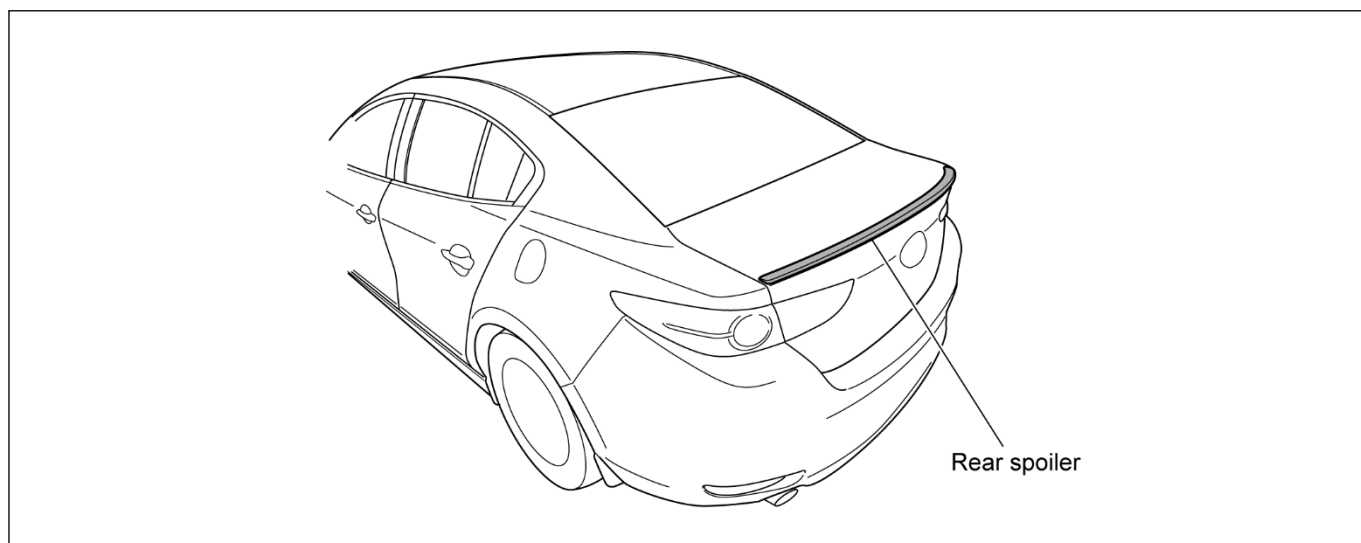
To the dealer

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

To the customer

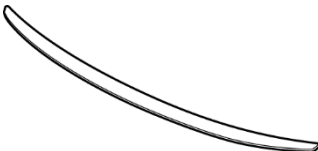
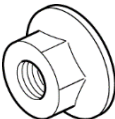
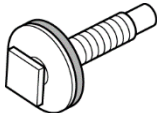
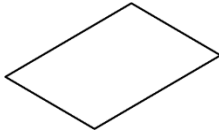
- Keep these instructions after installation. The instructions may be necessary for installing other optional parts or removal of this accessory.
- Should the vehicle or this accessory be resold, always leave these instructions with it for the next owner.

1. INSTALLATION VIEW

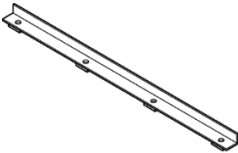
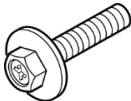


2. PARTS

- 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
	Rear spoiler	1		M5 flange nut	3
	M5 setting bolt	3		Template	1

Separate Purchase 【Deflector (B0J8 V4 990)】

Part	Part name	Qty	Part	Part name	Qty
	Deflector	1		M5 tapping screw (L=20)	4

3. BEFORE INSTALLATION

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

☆Box wrench

☆Flathead screwdriver

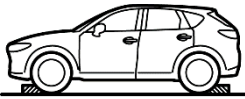
☆Drill (φ3、φ6、φ8、φ10)

☆Fastener remover

☆Punch

⚠ 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

Be sure to cover the vehicle body with protectors or mats when removing/installing parts. Otherwise, the vehicle may be scratched or become dirty.	Using improper tools may cause damage and or broken parts. Use the correct tool for the installation.	Wrap protective tape around screwdrivers and fastener remover tools to prevent scratching the vehicle.	Place the removed parts and kit accessories on a protective sheet to prevent scratches.
[Drilling] When drilling holes, be sure to wrap the drill bit with gum tape or similar to prevent drilling from going too deep.	[Drilling] When drilling holes, hold the drill bit or hole saw so that it is perpendicular to the drilling surface so that the position of the hole being drilled does not shift.	[Drilling] After drilling holes, file away any rough edges and burrs until the edges are smooth.	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 thoroughly before attaching the tape. Use IPA (isopropyl alcohol) or similar to clean interior and exterior surfaces.

Advice

Refer to the Workshop Manual for removal and installation of applicable vehicle parts.

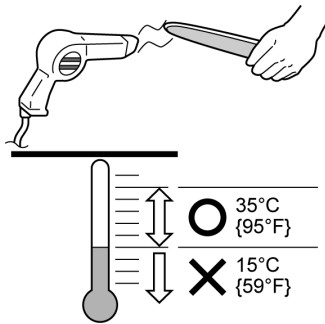


4. DOUBLE-SIDED TAPE ATTACHMENT

* "Attachment surface" refers to the vehicle's trunk lid, and "part" refers to supplementary parts.

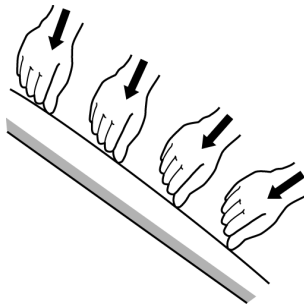
1. Avoid working in ambient temperatures of less than 15 °C.

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.



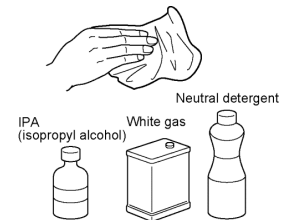
2. Attach evenly.

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.



3. Clean the attachment surface.

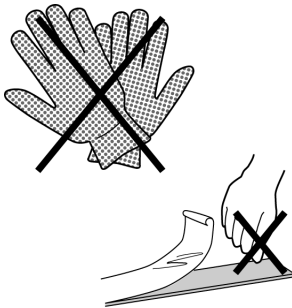
If there is any dirt, grease or other contamination on the attachment surface, they may become attached to the double-sided tape, causing a drop in the adhesive strength of the double-sided tape. You should clean the attachment surface before attaching the double-sided tape. As a general rule, use mild detergent for interior surfaces, and use IPA (isopropyl alcohol) or white gas for exterior surfaces. After cleaning, let the area dry sufficiently.



4. Avoid getting the tape dirty.

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.

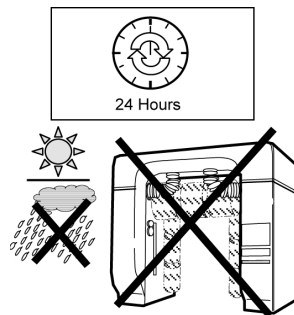
In addition, when working while wearing gloves, fibers and dirt from the gloves may become attached to the adhesive. Take care to avoid contaminating the adhesive surface of the double-sided tape.



5. Handling after attaching the tape

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.

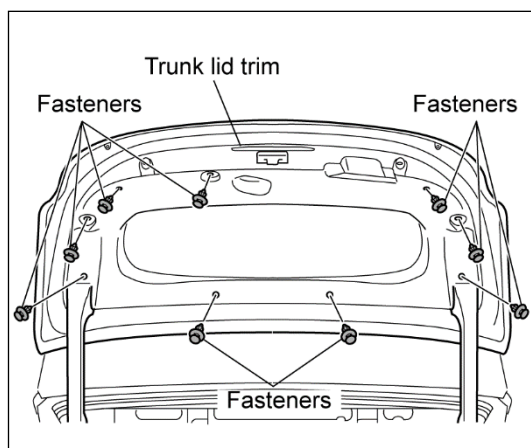
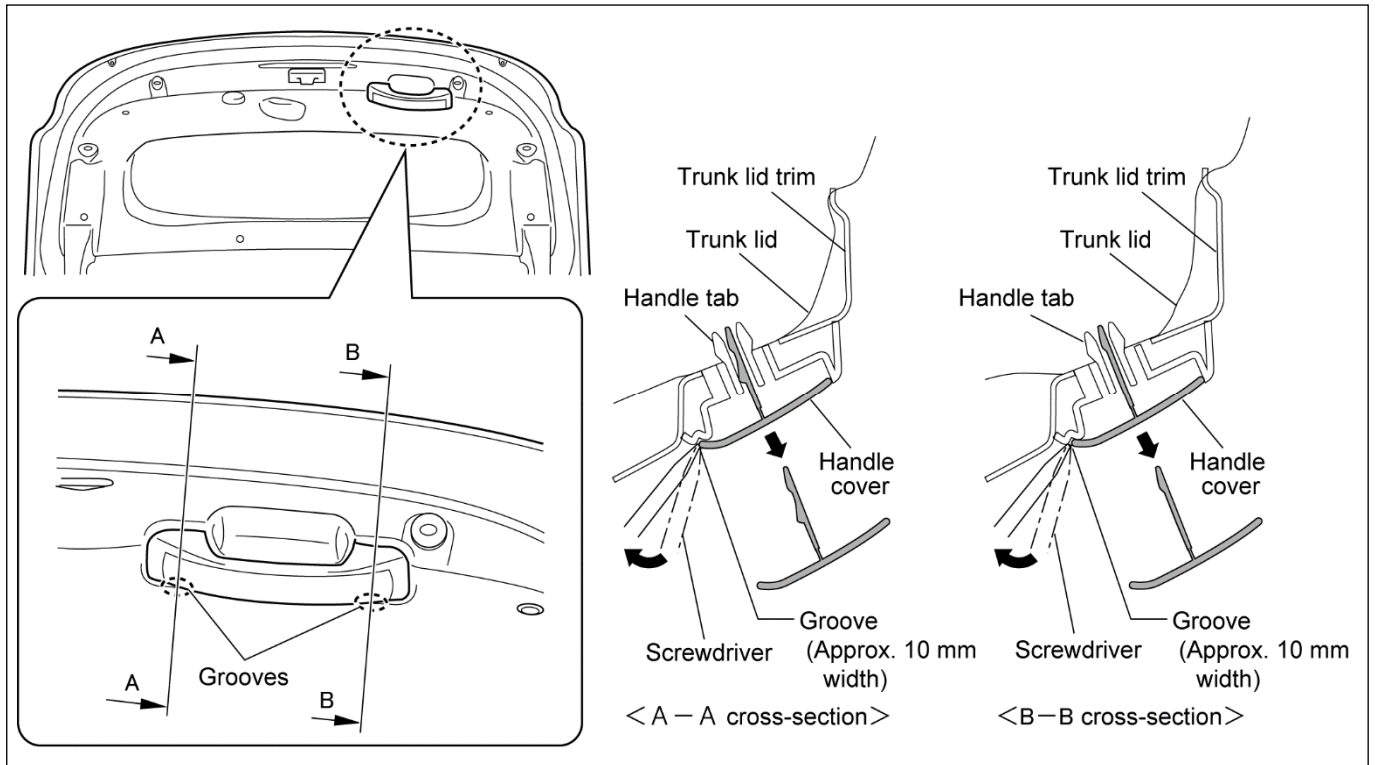
In addition, never remove and reattach the double-sided tape once the product has been installed, as this will result in a dramatic drop in adhesive strength.



5. VEHICLE PART REMOVAL

Trunk lid trim removal

1. Open the trunk lid.
2. Insert a flathead screwdriver into the grooves in the handle which is attached to the trunk lid trim, and move the screwdriver in the direction of the arrows to remove the handle cover.
3. Disengage the handle tabs (2 places), and then remove the handle.

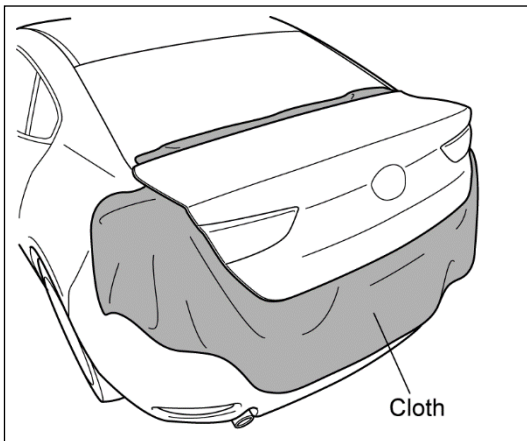


4. Remove the fasteners (9 places) which are installing the trunk lid trim.
5. Remove the trunk lid trim.

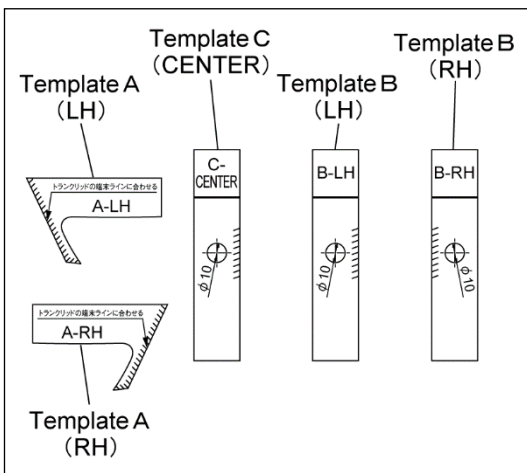
6. REAR SPOILER INSTALLATION

DRILLING

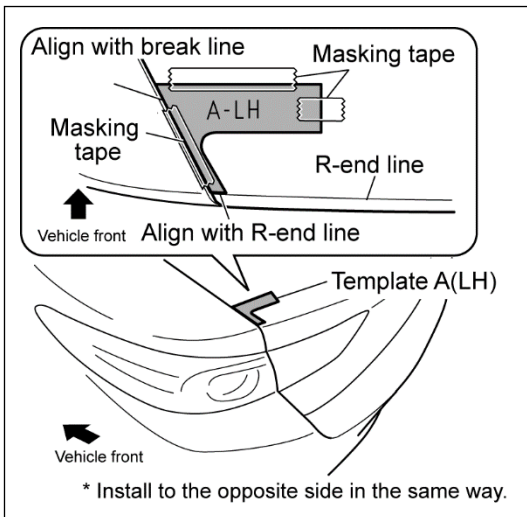
1. When drilling holes, cover the trunk with a cloth or similar to protect the vehicle and to prevent drilling scraps from getting into the trunk.



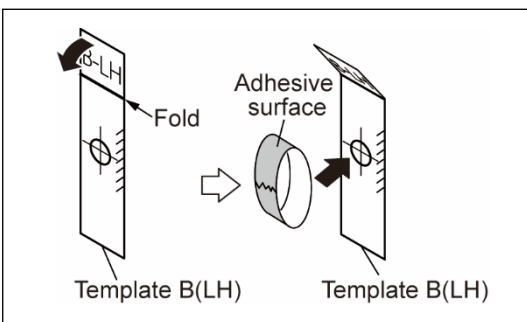
2. Cut the templates A to C (5 pieces).

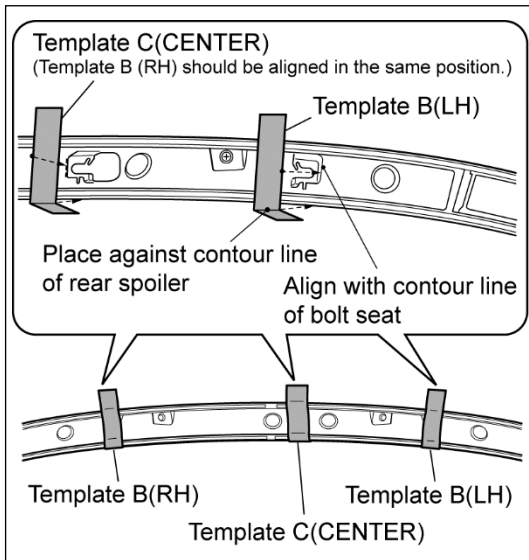


3. Attach template A (LH) in the position shown in the illustration at left.

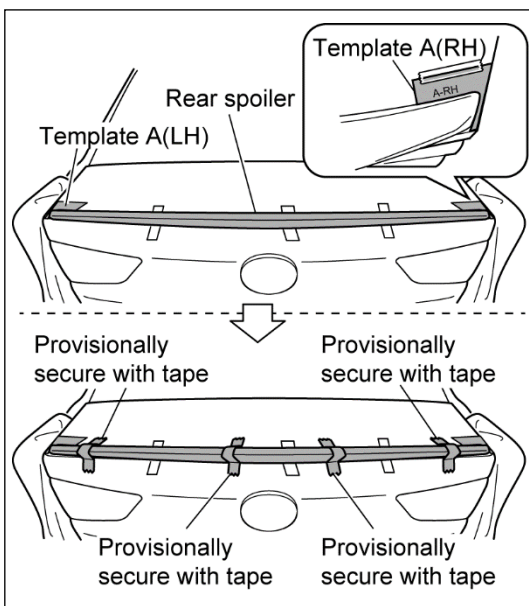


4. Fold along the line of the template.
5. Make a ring from a piece of tape (with the adhesive surface on the outside), and attach it to the templates B and C (3 pieces).

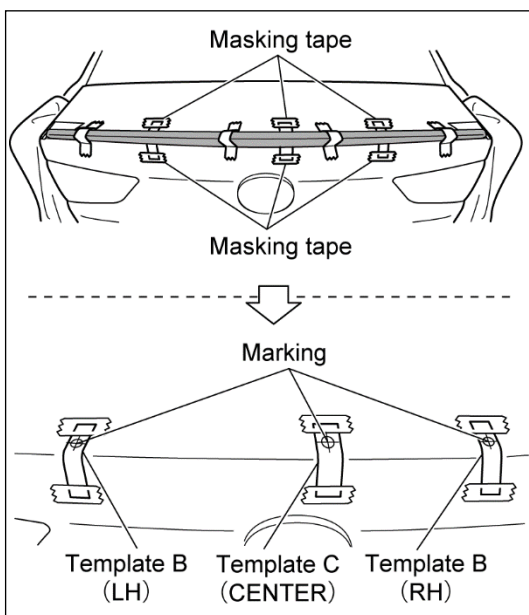




6. After placing the folded surfaces against the outer contour line of the rear spoiler as shown in the illustration at left, attach template B (LH) to the bolt seat with tape so that it follows the outer edge of the bolt seat.
7. Attach template B (RH) and template C (center) to the rear spoiler in the same way also.



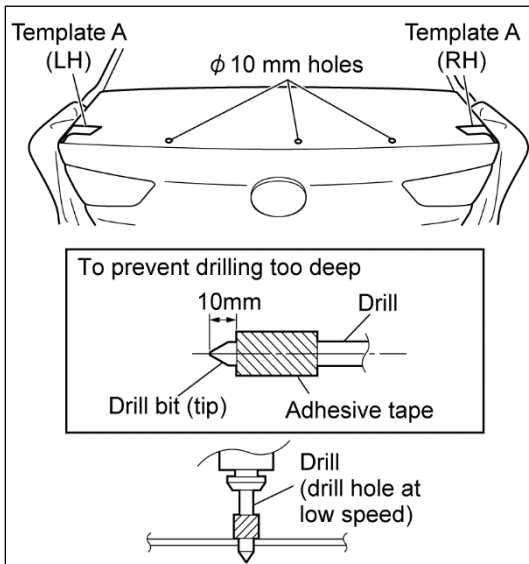
8. While pressing down on the center of the rear spoiler with your hand, position the rear spoiler so that it is aligned with the left and right templates A which are attached to the trunk lid.
9. While pressing down on the center of the rear spoiler with your hand, provisionally attach the rear spoiler in position with masking tape while checking the position of the rear spoiler relative to templates A at left and right.



10. Secure the templates B and C (3 pieces) which are attached to the rear spoiler to the trunk lid with masking tape.
11. Remove the rear spoiler, while being careful not to tear the templates.
12. Use a punch to make marks at the centers of the 10 mm diameter holes in the templates. (3 places)

- The trunk lid is made from aluminum, so do not hit it too hard with the punch. The trunk lid may become bent.

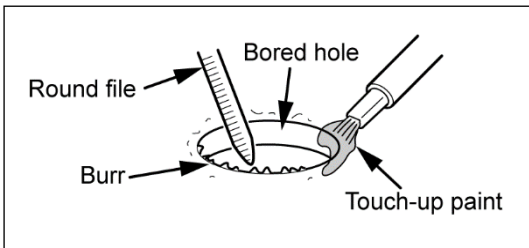
13. Remove the templates B and C (3 pieces).



14. Use the drill to drill ϕ 10 mm holes in stages at the locations of the marks.

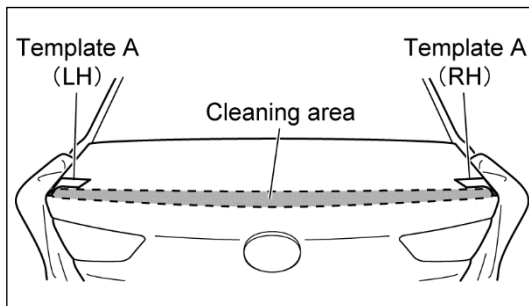
ϕ 10 mm holes: ϕ 3 mm \rightarrow ϕ 6 mm \rightarrow ϕ 8 mm \rightarrow ϕ 10 mm

15. After drilling the holes, use a file to fully remove any burrs from the holes.



16. Use IPA or white gasoline to clean the area, and then apply some touch-up paint to prevent corrosion.

17. Clean away all scraps that were generated when drilling the holes which may have fallen inside the trunk or the vehicle compartment.



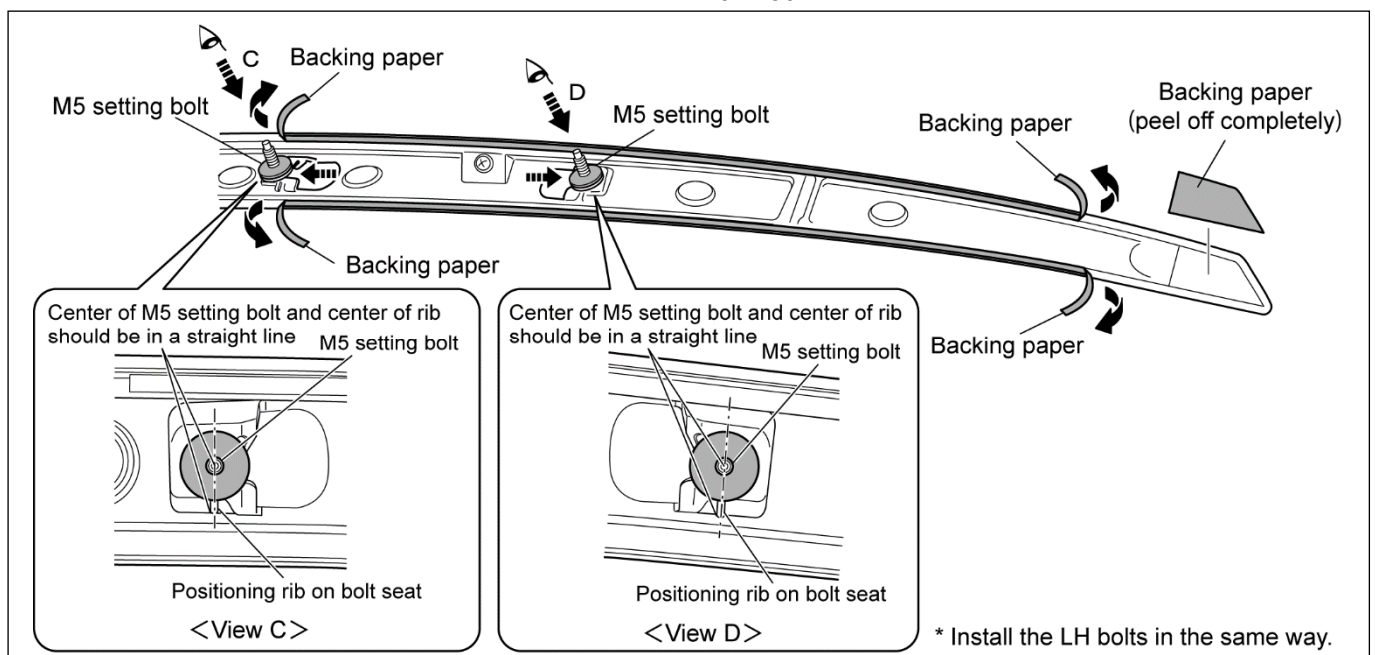
Rear spoiler installation

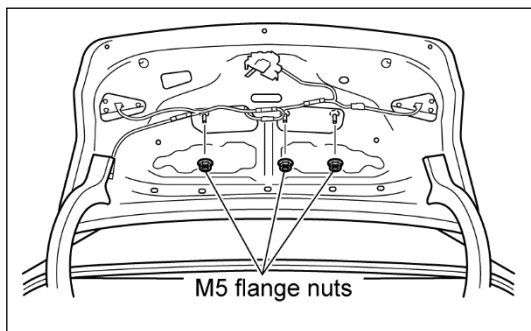
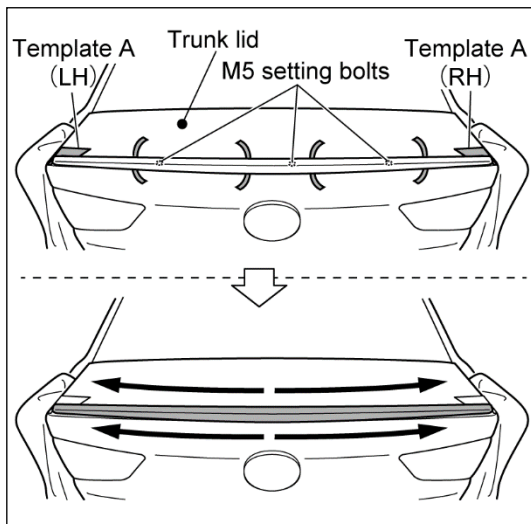
1. Use IPA or white gasoline to clean off all grease and dirt from the installation surface for the rear spoiler.

2. Install the M5 setting bolts (3 places) to the rear spoiler as shown in the illustration below.

At this time, install the M5 setting bolts so that their centers are aligned with the positions of the ribs on the rear spoiler.

3. Remove all of the backing paper at the left and right ends, and peel off the remaining pieces of backing paper to lengths of about 20 to 30 mm and fold them over.





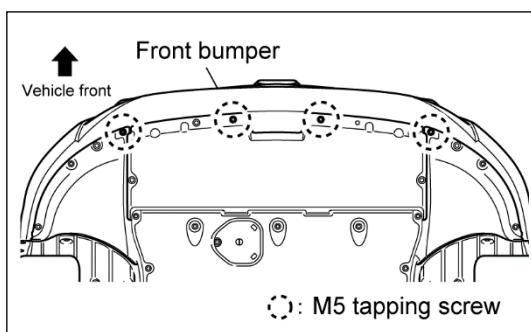
4. Insert the M5 setting bolts of the rear spoiler into the $\phi 10$ holes which were drilled in the trunk lid.
5. While pressing down on the center of the rear spoiler with your hand, provisionally position the rear spoiler carefully so that it is against the back surface of the trunk lid, while checking the position of the rear spoiler relative to the left and right templates (templates A (LH/RH)).

- Be sure to have two people position the rear spoiler carefully, otherwise the double-sided tape which has the backing paper removed will become attached to the trunk lid.

6. Provisionally tighten the M5 setting bolts with the M5 flange nuts.
7. Check that the position of the rear spoiler matches the positions of the remaining templates A (LH/RH) on the trunk lid.
8. While making sure that the rear spoiler does not move, peel off the templates starting from the middle and working toward both ends, and then secure the rear spoiler.
9. Push the section with the double-sided tape from the center toward the ends to securely attach it.
10. Remove the templates A (LH/RH).
11. Open the trunk lid, and secure the rear spoiler by fully tightening the M5 flange nuts (3 places).

M5 flange nut tightening torque: (3.93–5.88 N·m)

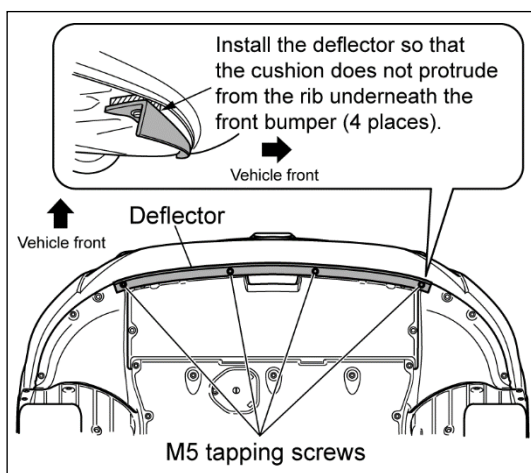
12. Reinstall the trunk lid trim by following the procedure in "Trunk lid trim removal" in reverse.
13. Remove the cloth which is protecting the vehicle.



Deflector installation

1. Remove the M5 tapping screws (4 places) from underneath the front bumper.

- The removed M5 tapping screws (L=16) will not be reused.



2. Install the deflector to the vehicle with the M5 tapping screws (4 places).

M5 tapping screw tightening torque: (0.5–1.0 N·m)

7. TO THE CUSTOMER

Heed the following cautions when handling (maintenance) the rear spoiler.

- If gasoline, oil, engine coolant, or battery fluid adheres to the hard plastic parts, it will cause discoloration, stains, or damage. Wipe off immediately with a soft cloth.
- Depending on the type of high pressure car washer used, the water for washing may be high temperature and/or under high pressure. Be careful when using pressurized water from a car washer nozzle. If the nozzle is too close or water pressure is applied for long periods, it may cause deformation or damage to the hard plastic parts.
- Do not use electric or air tools to apply wax or compound (polishing powder). Otherwise, friction heat will be generated causing deformation or damage to the hard plastic parts.