

GENUINE REAR ROOF 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 roof spoiler. Your safety depends on it.

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 rear roof 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 roof spoiler.
- Do not install the rear roof 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 ROOF SPOILER

PART NUMBER: QBMN/QBME/QBMR 51 9N0

VEHICLE: MAZDA3 (HATCHBACK)

NOTE

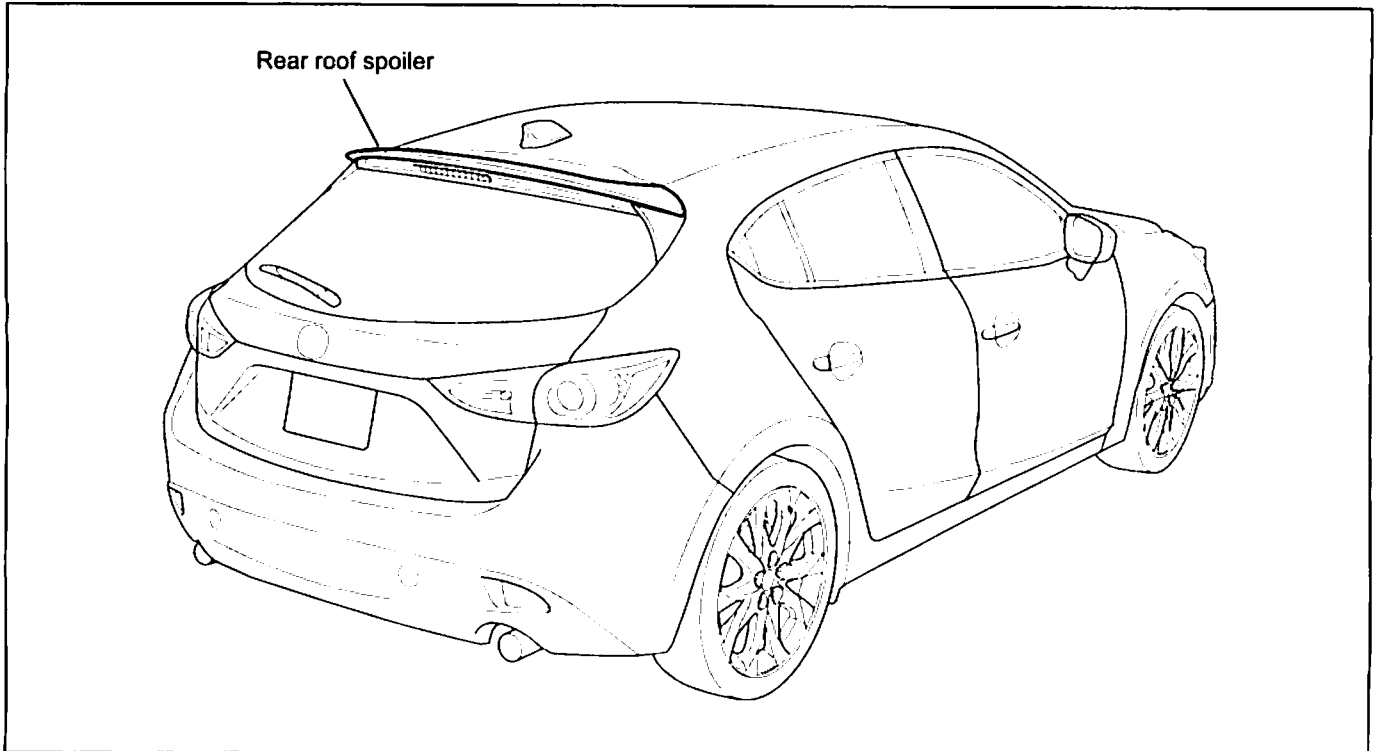
To the dealer

- 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.

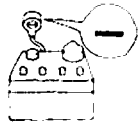



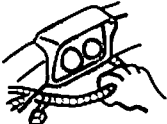
Part name	Part name	Qty	Part name	Part name	Qty	Part name	Part name	Qty
	Rear roof spoiler	1		Nut	2		Bolt	2
	Washer	4		Packing	4		T-stud	2
	Clip	2		Template	1		Installation and user's Instructions	1

3. BEFORE INSTALLATION

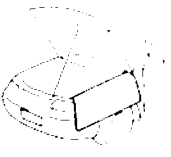
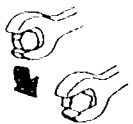
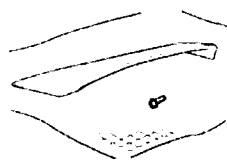


■ REQUIRED TOOLS

- ☆ Flathead screwdriver
- ☆ Socket wrench (10mm)
- ☆ Fastener remover
- ☆ Torque wrench
- ☆ Electric drill (3mm, 7mm, 10mm)
- ☆ Hole saw (20mm)
- ☆ Punch
- ☆ Isopropyl alcohol (IPA)


⚠ WARNING

<p>When the negative battery cable is connected during operation, it may cause electric shock or other personal injuries. Disconnect the negative battery cable before removal/installation.</p>	<p>Park the vehicle on a flat, level surface, set the selector lever to P (AT vehicles) or the shift lever to 1st or R (MT vehicles), apply the parking brake and block the wheels so that the vehicle does not move during installation.</p>	<p>When connecting/disconnecting connectors, grasp the connectors, not the wires. Otherwise, a fire or other accident may occur due to an open circuit or poor contact.</p>	<p>Make sure the connector is securely pressed in until a click sound is heard. Otherwise, a fire or other accident may occur due to an open circuit or poor contact.</p>
			
<p>Do not pull wiring harnesses with excessive force. Otherwise, a fire or other accident may occur due to an open circuit or poor contact.</p>			
			

⚠ 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 damage parts or cause them to malfunction and or broken parts. Use the correct tool for the job.</p>	<p>Put the removed parts and the accessory kit parts on a protective sheet to prevent scratches.</p>
		
<p>Wrap tools with protective tape to prevent damage or scratches.</p>	<p>If there is dust, dirt or grease on the adhesion surface, the adhesive strength of the double-sided adhesive tape will splotch and adhesive power of the tape will be reduced. Wash and degrease the surface of the adhesion area before applying the double-sided adhesive tape. Be sure to wash interior and exterior parts using IPA (isopropyl alcohol).</p>	
	<p>IPA (Isopropyl alcohol)</p> 	

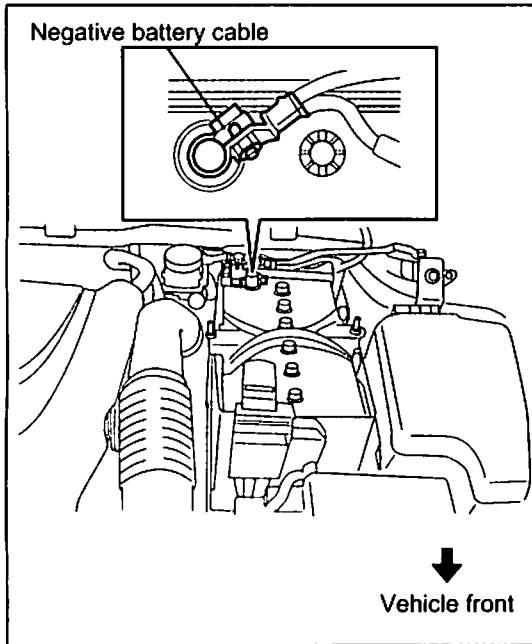
Advice

<p>Refer to the Workshop Manual for removal and installation of vehicle parts.</p>


4. VEHICLE PART REMOVAL

⚠ CAUTION

- Be careful not to damage or lose any parts removed from the vehicle since they will be reused.



Negative battery cable disconnection

1. Set the selector lever to P range.
(AT vehicles only)

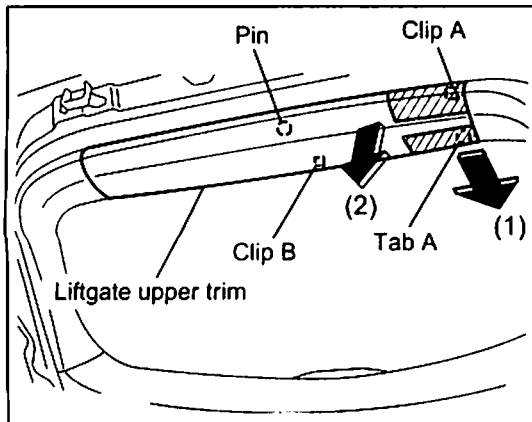
⚠ WARNING

- When removing/installing the parts, park the vehicle on level ground and apply the side brake securely. Be sure to turn the ignition switch off, otherwise the vehicle can move, causing injury or vehicle damage.

2. Disconnect the negative battery cable and wrap tape around it to insulate.

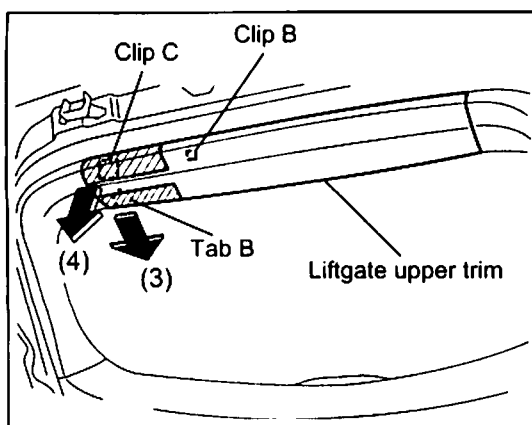
⚠ WARNING

- When the negative battery cable is connected during operation, it may cause electrocution or other injuries. Disconnect the negative battery cable before removal/installation.

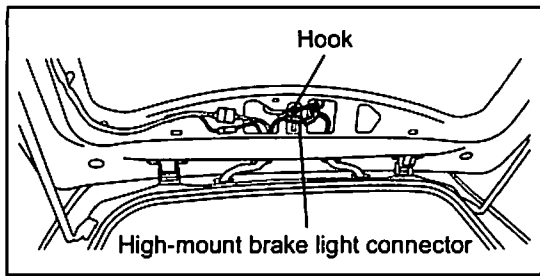


Liftgate upper trim removal

1. Grasp the shaded area shown in the figure, detach tab A while pulling the liftgate upper trim in the direction of the arrow (1) shown in the figure, then detach clips A, clip B, and pin while pulling in the direction of the arrow (2).

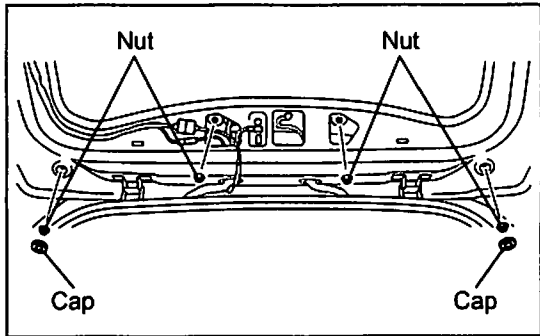


2. Grasp the shaded area shown in the figure, detach tab B while pulling the liftgate upper trim in the direction of the arrow (3) shown in the figure, then detach the clip C and clip B, while pulling in the direction of the arrow (4).



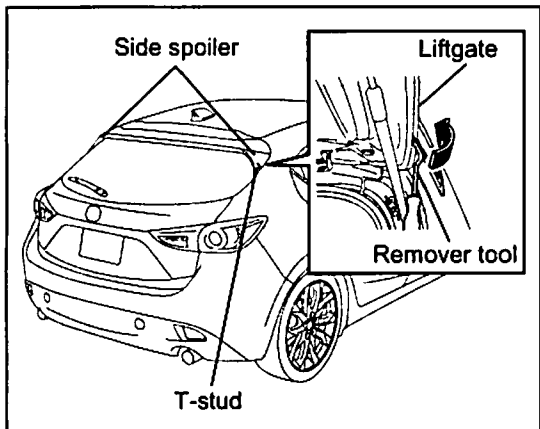
Rear spoiler removal

1. Disconnect the high-mount brake light connector and remove the wiring harness from the hook.



2. Remove the caps and nuts shown in the figure.

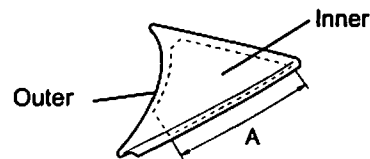
- The removed caps and nuts are reused.



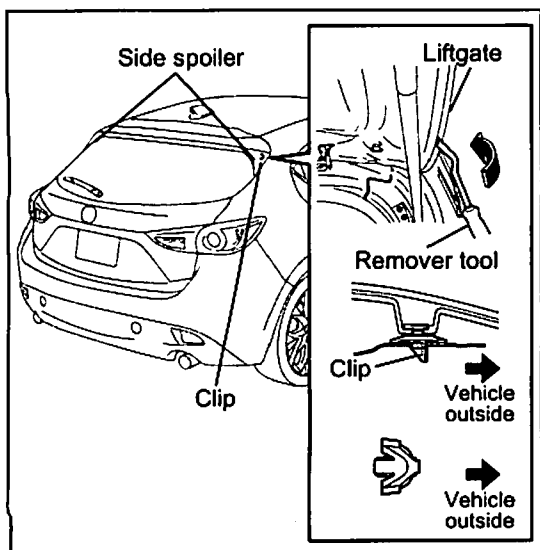
3. Insert a remover tool in the position shown in the figure.
4. Move the remover tool in the direction of the arrow shown in the figure and disengage the side spoilers from the liftgate T-studs.

⚠ CAUTION

- The side spoilers consist of a two-ply. Hold the area A shown in the figure to perform the procedure. If it is pulled from elsewhere, the welding may peel off.



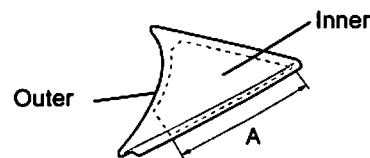
- Perform the same procedure on the opposite side.



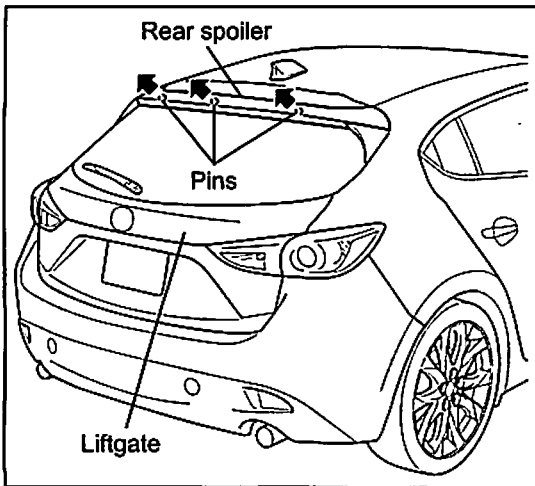
5. Insert a remover tool in the position shown in the figure.
6. Move the remover tool in the direction of the arrow shown in the figure and disengage the side spoiler clip from the liftgate.

⚠ CAUTION

- The side spoilers consist of a two-ply. Hold the area A shown in the figure to perform the procedure. If it is pulled from elsewhere, the welding may peel off.



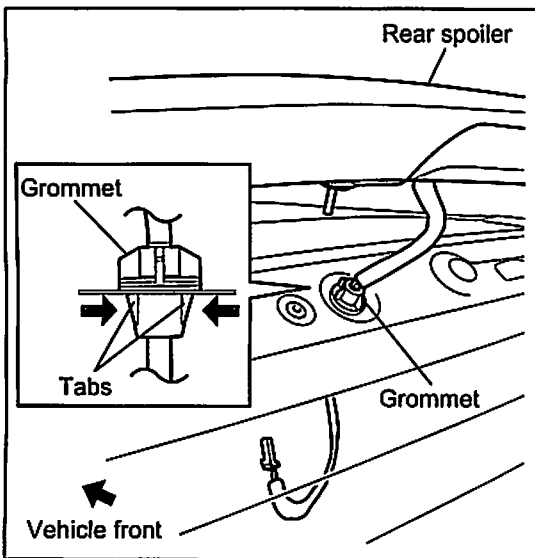
- Remove the clip without bending the clip tab. If the tab becomes bent and remains inside the vehicle, always remove it
- Perform the same procedure on the opposite side.



7. Pull the rear spoiler in the direction of the arrows and remove it while detaching the pins.

CAUTION

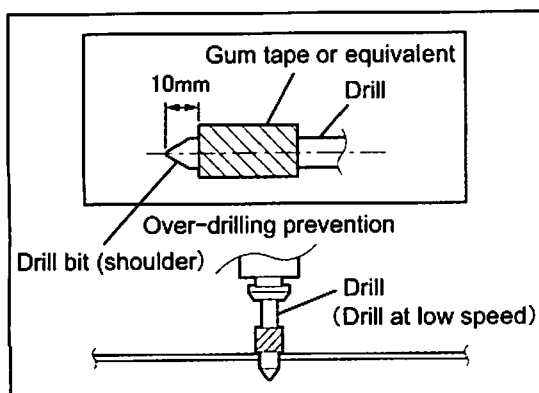
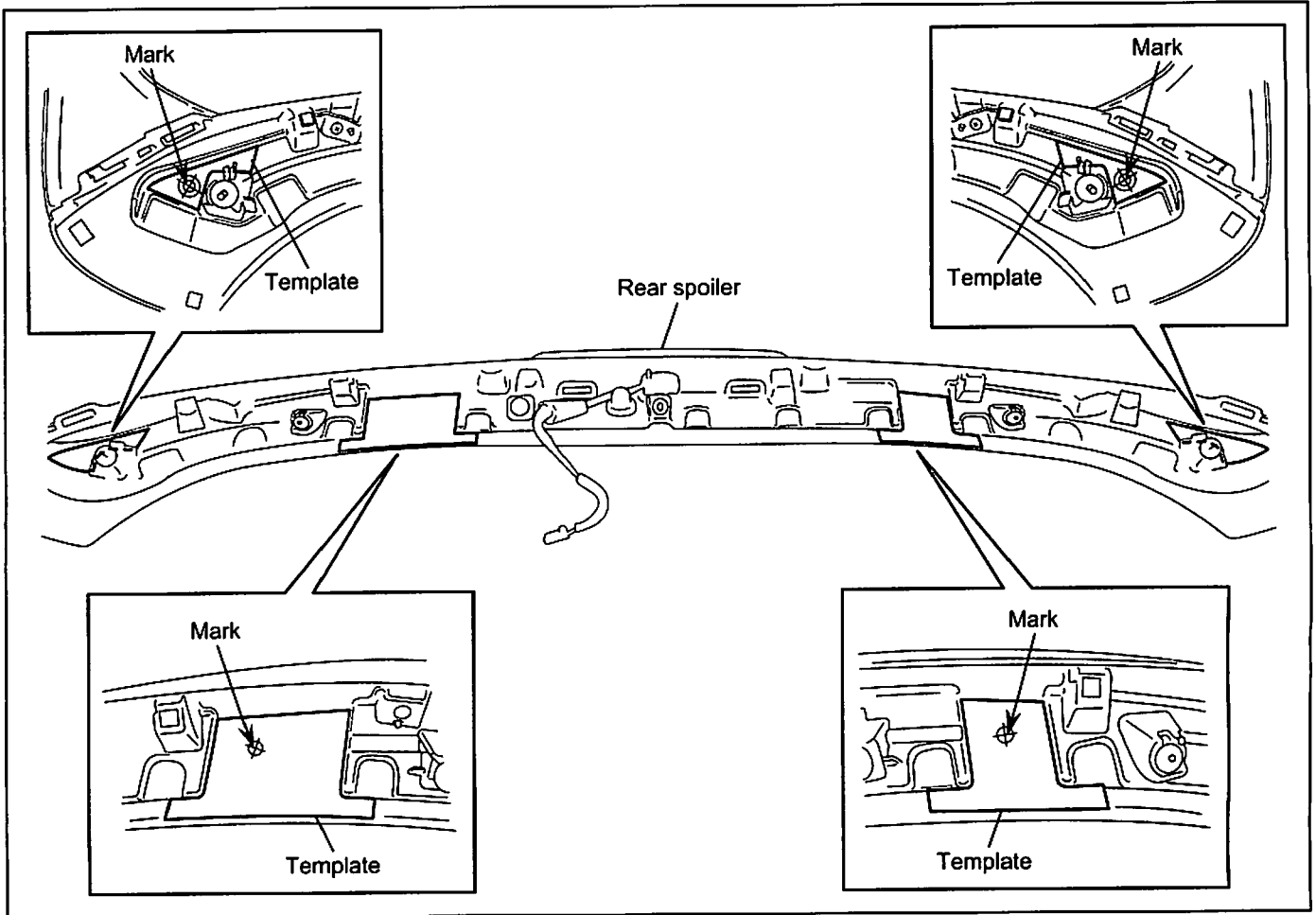
- Always pull the rear spoiler in the direction indicated by the arrows so that the pins do not get bent.



8. While holding the rear spoiler by hand, press the tabs of the grommet from the underside of the liftgate shown in the figure, and disengage the grommet tabs from the liftgate.
9. Remove the rear spoiler while pulling out the wiring harness.

5. REAR ROOF SPOILER INSTALLATION

1. Affix the templates to the removed rear spoiler, and tap marks (4 locations) into the center of the hole position using a punch.



2. Wrap the drill bit with duct tape as shown in the figure.
3. Set the drill speed to low.

⚠ CAUTION

- Always use a drill with a rotation speed adjustment; otherwise the rear spoiler may deform.
- Be careful when handling drill bits.
- To prevent scratching and over-drilling, always wrap the drill bit with duct tape.

4. Drill holes using the following procedure.

⚠ CAUTION

- Be careful of the size of the bracket and rear spoiler holes because the hole sizes differ.

For A

4-1. Bracket hole drilling

Pass the drill through the bracket and rear spoiler at the marks using a 3 mm drill bit. Then, drill a hole in the bracket using a 20 mm hole saw.

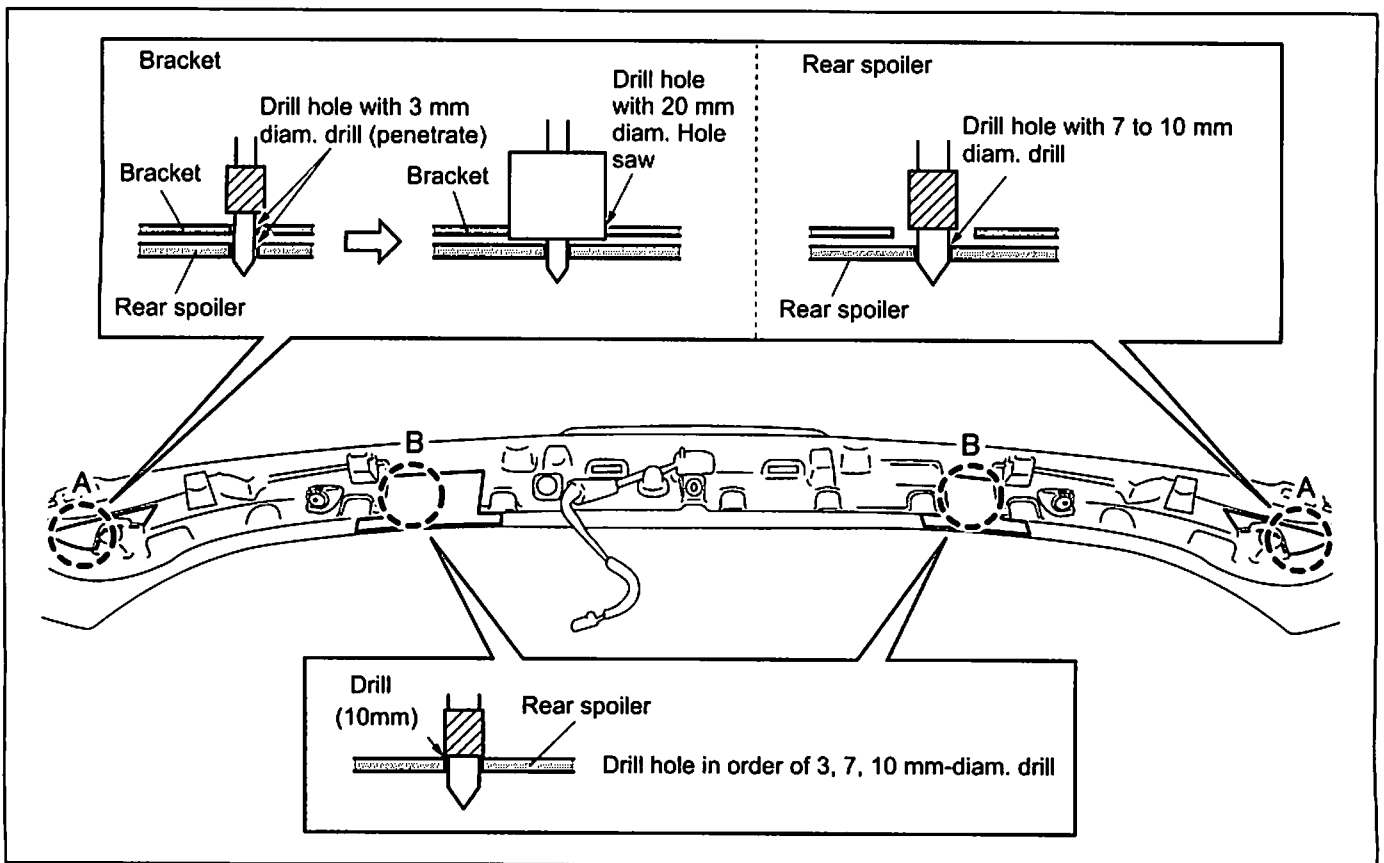
4-2. Rear spoiler hole drilling

Drill a hole progressively in the rear spoiler in the order of a 7 mm-diam. and then a 10 mm-diam. drill.

For B

4-1. Bracket hole drilling

Position the drill perpendicular to the rear spoiler and drill a hole in the marked position progressively in the order of a 3 mm-diam., 7mm-diam., and 10 mm-diam. drill.

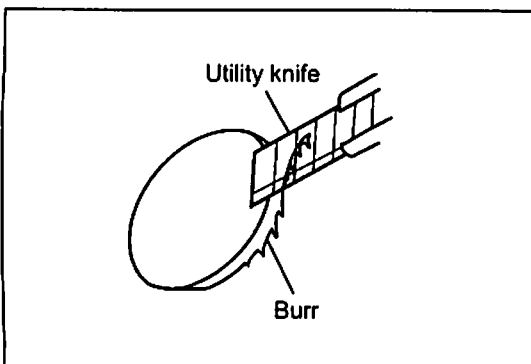


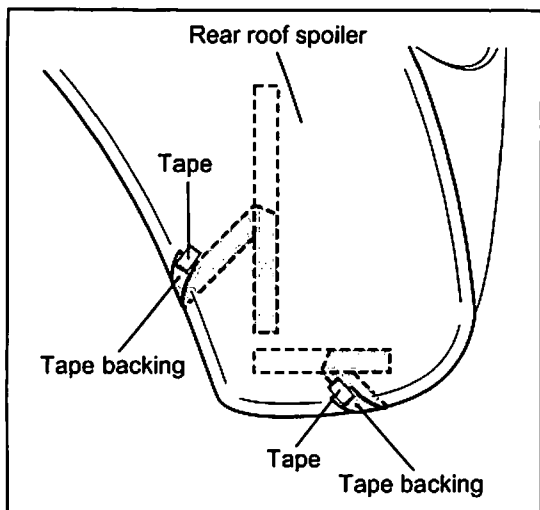
5. Remove burrs around the drilled hole using a utility knife.

⚠ CAUTION

- Make sure to remove burrs from the surface so that the rear spoiler surface is smooth.

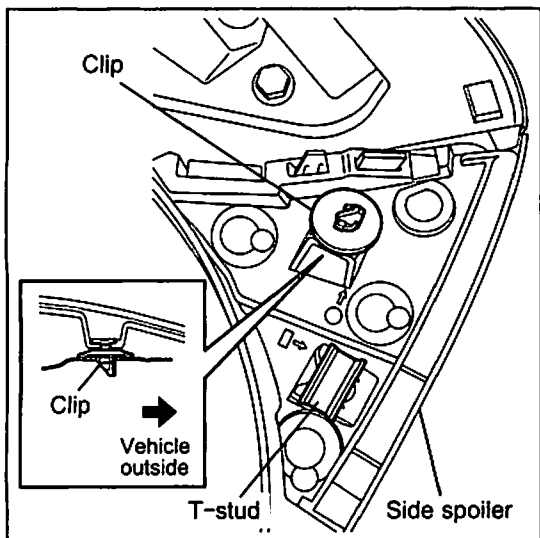
6. Clean the double-sided adhesive tape affixing area using isopropyl alcohol (IPA).





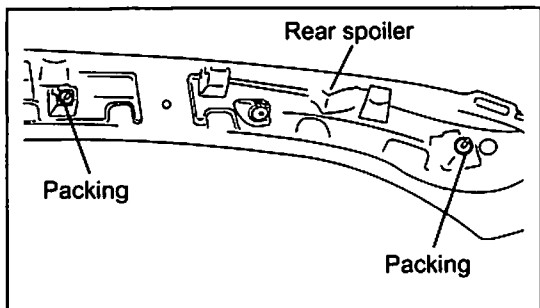
7. Peel back the tape backings on the rear roof spoiler about halfway and secure them with tape.

- Perform the same procedure on the opposite side.



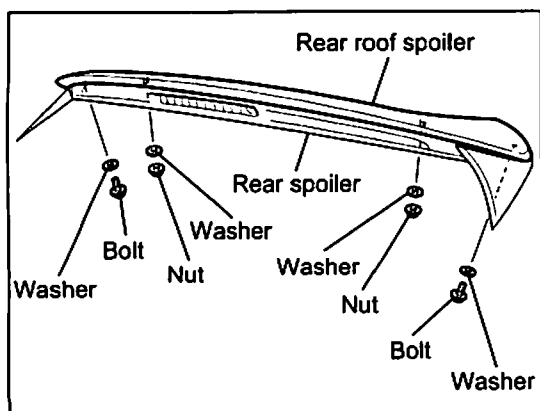
8. Remove the clip and T-stud on the side spoiler side and replace them with the clip and T-stud of the component part.

- Install the clip so that the projection is pointed in the direction outward of the vehicle.
- Perform the same procedure on the opposite side.



9. Remove the rear spoiler packings and replace them with the packings of the component part.

- There could be some remaining rear spoiler packing on the vehicle side. Always replace the rear spoiler packing with the component part packing.
- Perform the same procedure on the opposite side.



10. Install the rear roof spoiler to the rear spoiler and temporarily install it using the nuts (2), bolts (2), and washers (4).

11. Adjust the lateral position.

12. Remove the double-sided adhesive tape backings, and press the tape sufficiently to affix it to the body.

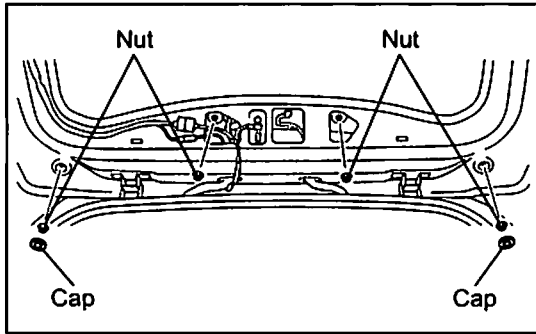
ADVICE

- Do not remove the accessory once it has been affixed; otherwise it will lose adhesive strength.
- After installing the rear roof spoiler, do not wash the vehicle for a period of 24 hours.

13. Tighten the nuts (2) and the bolts (2).

Bolt tightening torque: (7.0 N·m)

Nut tightening torque: (7.0 N·m)



14. Install in the reverse order of removal.

Nut tightening torque: (7.8–9.8 N·m)

⚠ CAUTION

- If the nuts are tightened more than the specified torque, the rear roof spoiler could become damaged, or it could fall off. Always tighten the nuts to the specified torque.
- Press in the connector firmly until a click sound is heard.

6. REINSTALLATION / INSPECTION

1. Reinstall parts in the reverse order of the installation procedure in [VEHICLE PARTS REMOVAL].
2. Refer to “Required servicing after disconnecting/connecting negative battery cable” in the vehicle workshop manual to restore the vehicle functions.
3. Perform reinstallation and inspection of the vehicle parts, installation of accessories, and operation checks.

7. TO THE CUSTOMER

Please pay attention to the following with regard to handling (maintenance) of the rear roof spoiler.

- If the hard plastic parts come into contact with gasoline, oil, refrigerant, or battery fluid, it could cause discoloration, staining or damage. Use a soft, clean cloth to wipe such fluids off immediately.
- 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 car wax containing compound (polishing powder). Otherwise, the hard plastic parts could be damaged.
- 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.

Date				
VIN.				
Approved		Checked		Person in charge

INSTALLATION INSPECTION SHEET	MAZDA3 (HATCHBACK)	REAR ROOF SPOILER
		QBMN 51 9N0 QBME 51 9N0 QBMR 51 9N0

Perform the following inspections

1. Inspection items after installation

- Verify the fitting between the vehicle part and the installed part, and inspect for damage or dirt.
- When connecting connectors, verify the connection again to prevent poor connection or mis-connection. (Insert two times.)

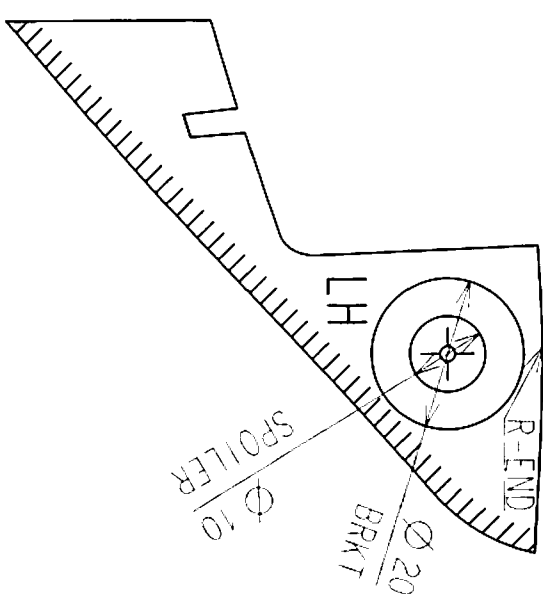
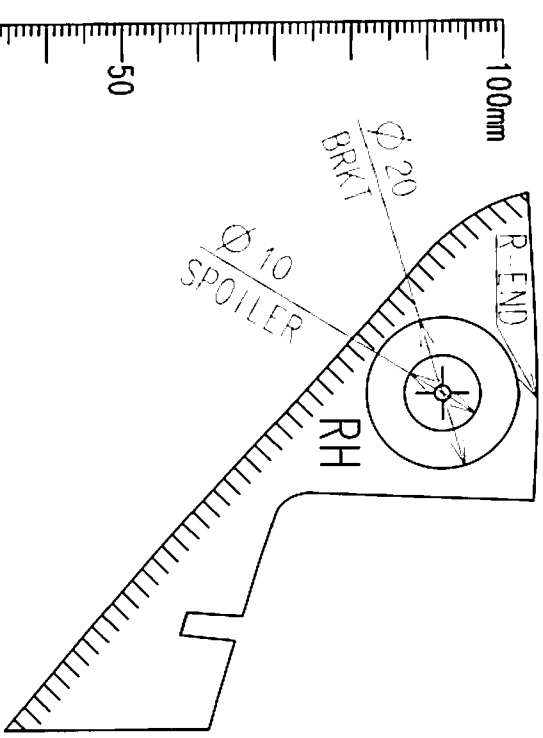
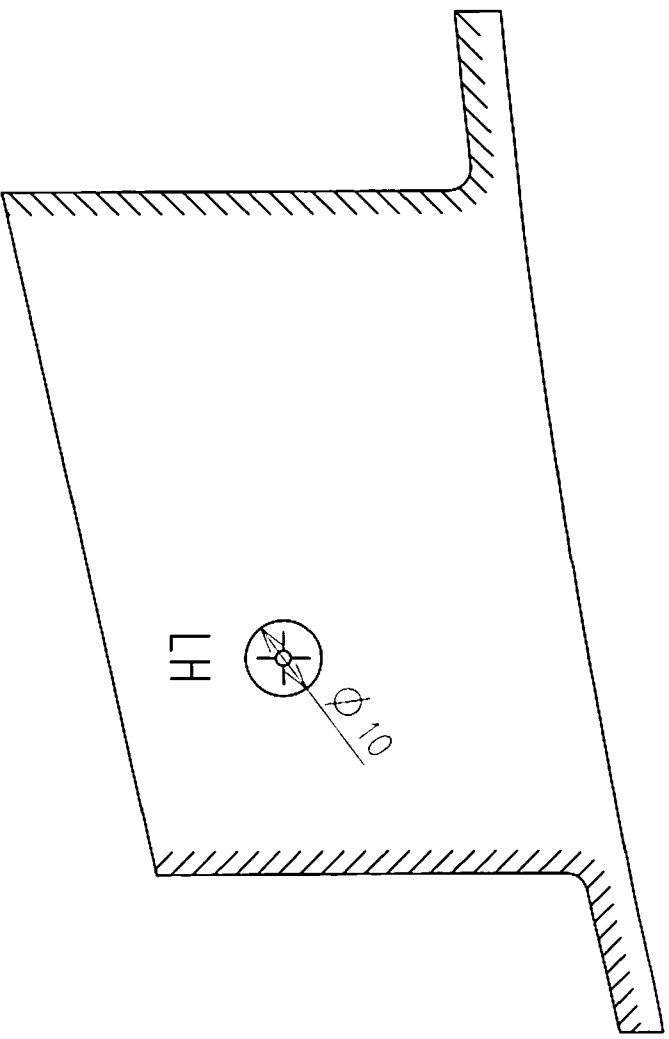
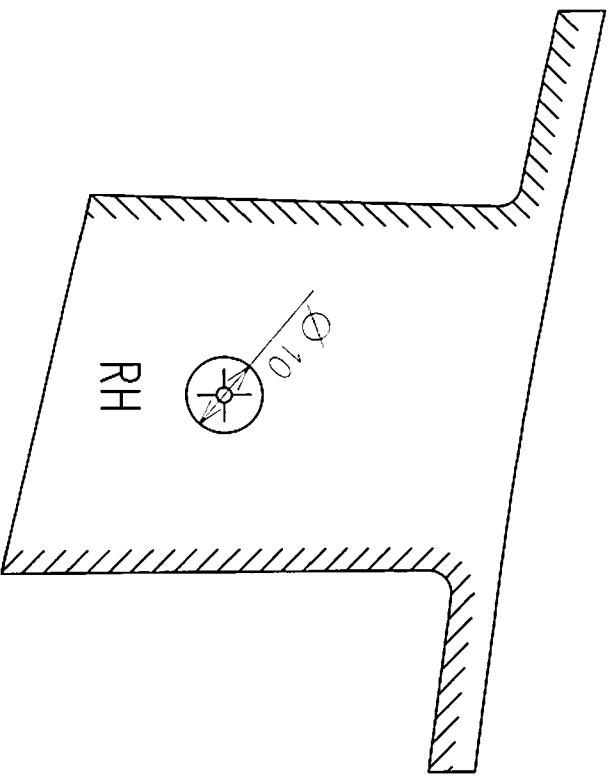
Check
<input type="checkbox"/>
Check
<input type="checkbox"/>

2. Vehicle parts reinstallation

Inspection Parts	Inspection Items	Inspection (interior/exterior part)	Check
Negative battery cable	Torque check	Are the battery cables securely tightened to the terminals?	<input type="checkbox"/>
Function restore procedure after removal/installation of battery	Operation check	Have the vehicle's functions been restored by referring to "Required servicing after disconnecting/connecting negative battery cable", in the vehicle workshop manual or the owner's manual?	<input type="checkbox"/>
Liftgate upper trim	Rattling	Due to the increased number of metal fasteners, inspect the trim for looseness or drop off.	<input type="checkbox"/>
Rear spoiler	Looseness/rattling	Inspect for looseness and rattling.	<input type="checkbox"/>
	Turns on/off	Is the high-mount brake light illuminated?	<input type="checkbox"/>


3. Installation of accessory, operation check

Inspection Parts	Inspection Items	Inspection (interior/exterior part)	Check
Rear roof spoiler	Looseness/rattling	Inspect the installation area for looseness and rattling.	<input type="checkbox"/>



使用前にスケールの縮尺を確認のこと。
 Check above scale to ensure it is 1:1.
 Adjust on photo copier if it is not scale.

型紙 (切り取ってお使いください。)
 Template (Cut out to use)

 リアスポイラー合わせ位置
 Spoiler alignment position.

品名：リアスポイラー
 PART NAME: SPOILER_ROOF
 品番：QBM1519N0
 QBMN519N0
 QBME519N0
 QBMR519N0
 PART NUMBER: QBM1519N0
 QBMN519N0
 QBME519N0
 QBMR519N0
 車種：AXELA
 VEHICLE: MAZDA3 (HATCHBACK)

QBM1/QBMN/QBME-B0600
 QBM1-B0300