

GENUINE Interior Lighting Kit

INSTALLATION INSTRUCTIONS

Thank you for purchasing a Genuine Mazda Accessory.



Before removal and installation, please thoroughly read these instructions.


Please read the contents of this booklet in order to properly install and use the interior lighting kit.


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 interior lighting kit. 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.

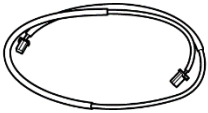
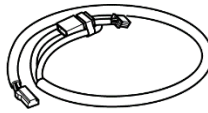
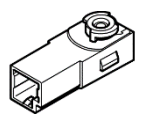

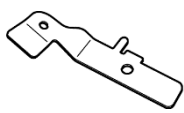
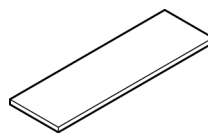
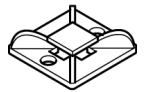

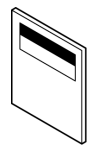
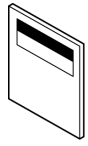
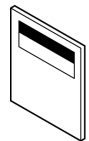
- For areas indicating the tightening torque in this instruction manual, tighten to the specified torque using a torque wrench. For areas in which the tightening torque is indicated inside parentheses (), the tightening torque is indicated as a reference value, however tightening using a torque wrench is not necessary.
- Do not modify the interior lighting kit.
- Do not install the interior lighting kit 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: Interior Lighting Kit
VEHICLE: MAZDA3
PART NUMBER: BCKA V7 050

1. PARTS

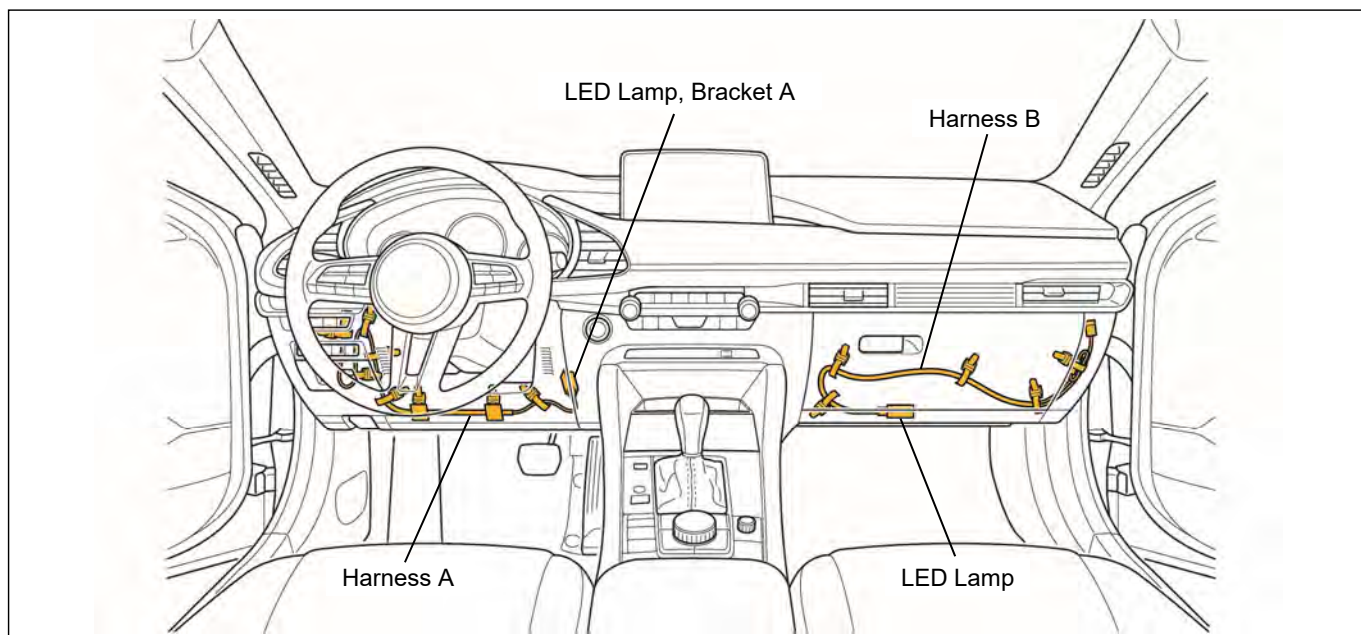
NOTE

- Verify that the kit includes all the following parts and that the parts are not dirty, scratched, or damaged.

Part	Part name	Qty	Part	Part name	Qty
	Harness A (Driver-side)	1		Harness B (Passenger-side)	1
	LED Lamp	2		Double-sided adhesive tape (10×20mm)	1
	Bracket A	1		Double-sided adhesive tape (15×43mm)	1
	Mount base	2		Tie wrap (L=200mm)★	14
	Installation instructions	1		Installation inspection sheet	1
	Owner's manual	1			

★: When installing the interior lighting kit by itself, one tie wrap will not be used.

2. INSTALLATION VIEW



3. BEFORE INSTALLATION

REQUIRED TOOLS

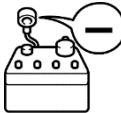
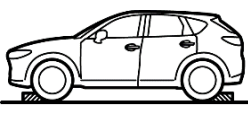
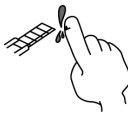


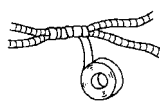
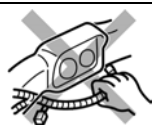
- ☆Phillips screwdriver ☆Torque wrench ☆Socket wrench ☆Ratchet
- ☆Wrench or Glasses wrench ☆Fastener remover ☆Tape-wrapped flathead screwdriver ☆Nipper
- ☆Remover tool ☆Scissors ☆Scale ☆M-MDS

OTHER PREPARATIONS

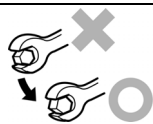
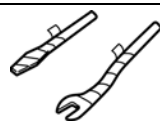
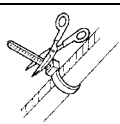
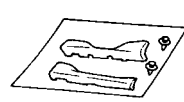
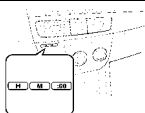


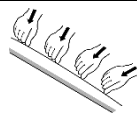
- ☆Soft clean cloth ☆Mat ☆Protective tape ☆Electrical vinyl tape
- ☆Protective gloves ☆IPA (Isopropyl alcohol)

- To perform the installation work safely and maintain functionality and quality, thoroughly read these instructions before performing the procedures and always heed the warnings and precautions.
- In the work procedures, there are descriptions which are only indicated in the illustrations. Make sure to follow these procedures as well.

⚠ WARNING

When the negative battery is connected during operation, may cause electric shock or other personal injuries. Disconnect the negative cable before /installation.	Before performing any work, park the vehicle on level ground, apply the parking brake securely, and then block the wheels.	Be careful when handling drills and other sharp objects. If not handled properly, it could result in serious injury.	When connecting/disconnecting connectors, grasp the connectors, not the wires. Otherwise a short, and an accident from poor contact or fire may occur.
			
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.	Secure the harness with the band (part included) so it doesn't dangle. If not, it may cause a short, accident, or fire.	Do not pull the harness with excessive force. Doing so can cause a breakage or a short-related accident, as well as an electrical short or fire.	
			

⚠ CAUTION

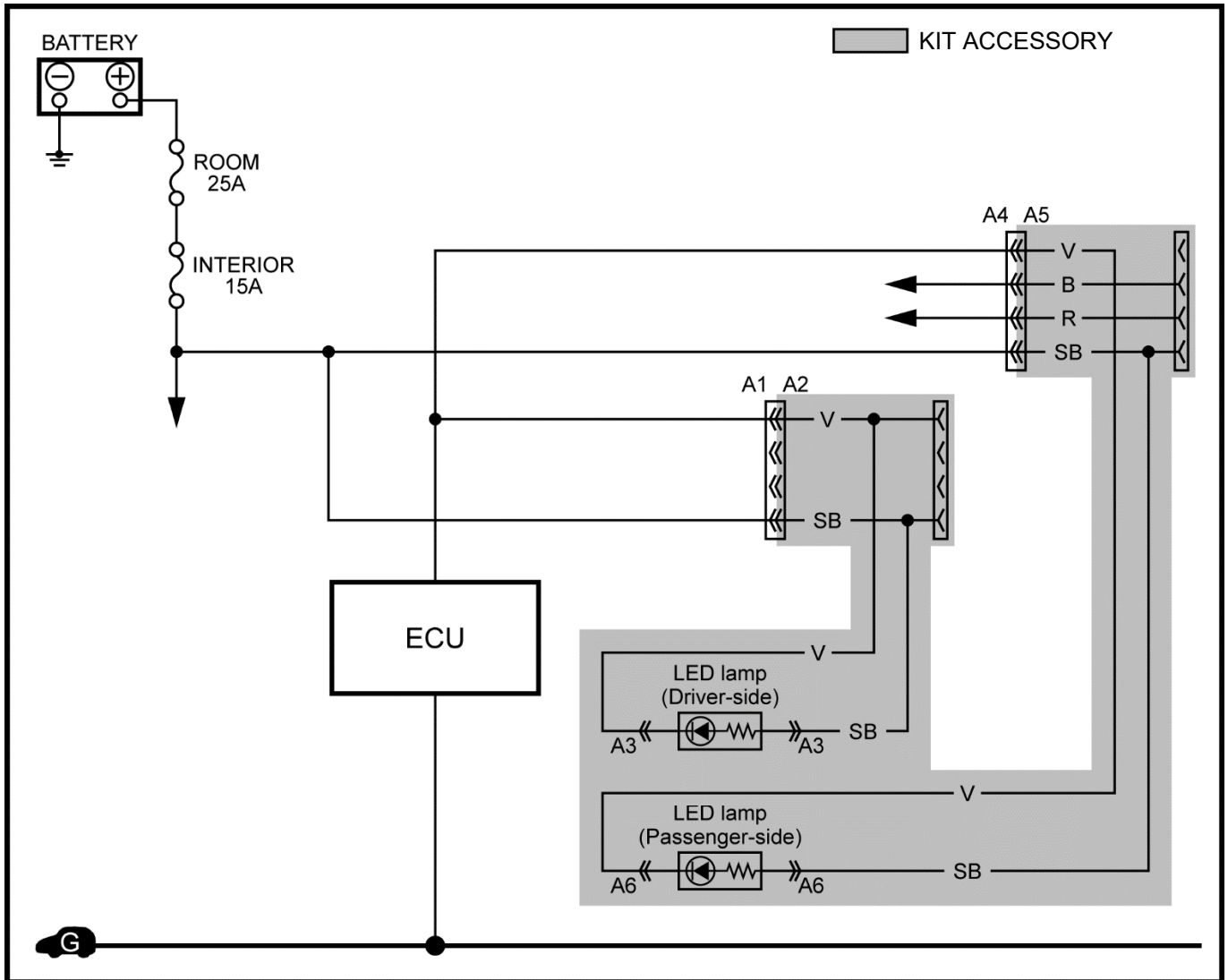
Using improper tools may cause damage and/or broken parts. Use the correct tool for the job.	Wrap protective tape around screwdrivers and fastener remover tools to prevent scratching the vehicle.	Excessive length of tie wrap may interfere with other parts and cause damage.	Put the removed parts and the parts in the kit on the protective sheet to prevent scratches.
			
When the negative battery terminal is disconnected, settings such as default setting values and memory settings for accessories such as the power windows and clock will be cleared, so they will need to be restored.	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).	If tape or a mount base is re-adhered, the adhesive strength will be weakened. Before adhering, accurately determine the adhesion position.	To assure sufficient adhesiveness of the double-sided adhesive tape, press the adhesive surface of the tape to the adhesion surface evenly. In particular, press sufficiently at the ends of the double-sided adhesive tape where the adhesion surface is curved.
			

ADVICE

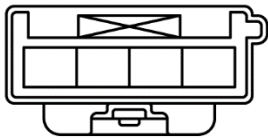
Refer to the Workshop Manual for removal and installation of vehicle parts.



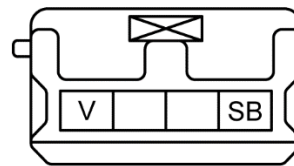
4. CONNECTION DIAGRAM



A1 Vehicle wiring harness 4-pin connector (option) (Driver-side)



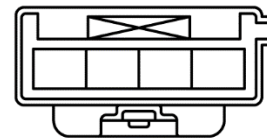
A2 Harness A 4-pin connector



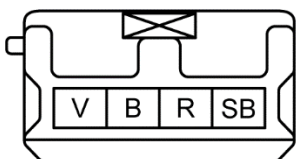
A3 Harness A 2-pin connector



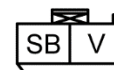
A4 Vehicle wiring harness 4-pin connector (option) (Passenger-side)



A5 Harness B 4-pin connector



A6 Harness B 2-pin connector

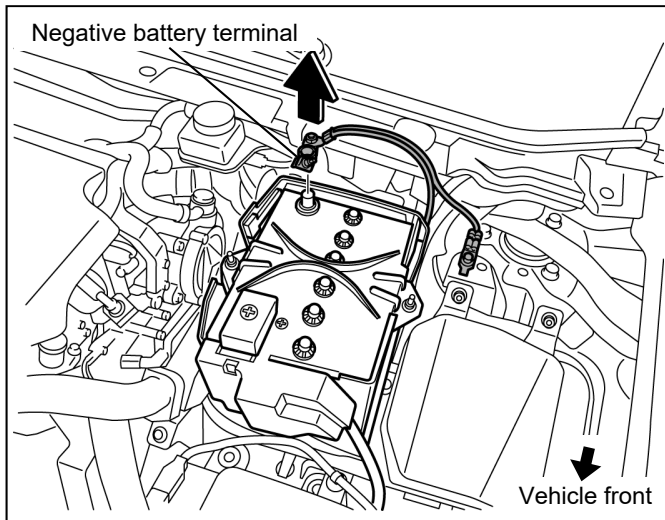


- Figure shows connectors viewed from harness side.
- Wire colors in connector figure are harness colors for interior lighting kit.

5. VEHICLE PART REMOVAL

⚠ CAUTION

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



Negative battery terminal disconnection

1. Set the selector lever to the P position.
(ATX vehicles only)

⚠ WARNING

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

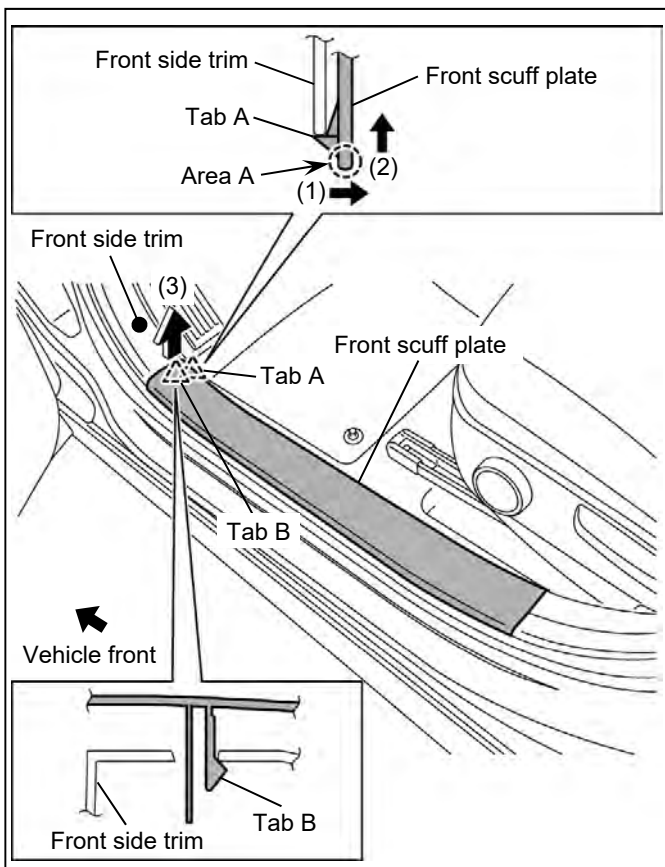
2. Disconnect the negative battery terminal and wrap tape around the battery terminal to insulate it.

⚠ WARNING

- If the negative battery terminal is connected while performing the work, it may cause electrocution or other personal injuries. Disconnect the negative battery terminal before removal/installation.

Tightening torque : 4.0-6.0 N·m

{41-61 kgf·cm, 36-53 in·lbf}

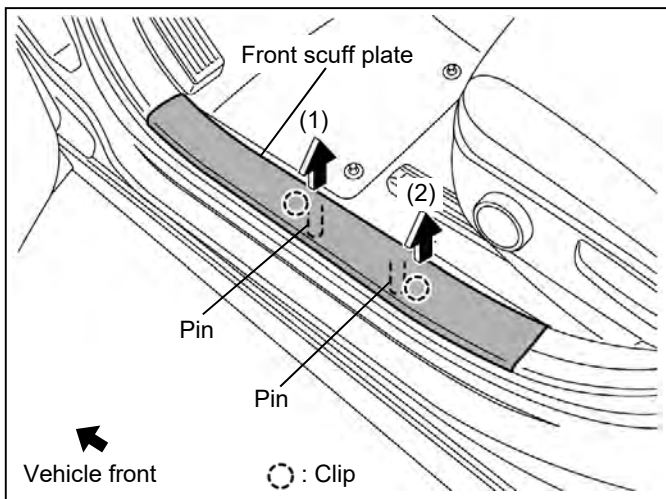


Driver-side/passenger-side front scuff plate removal

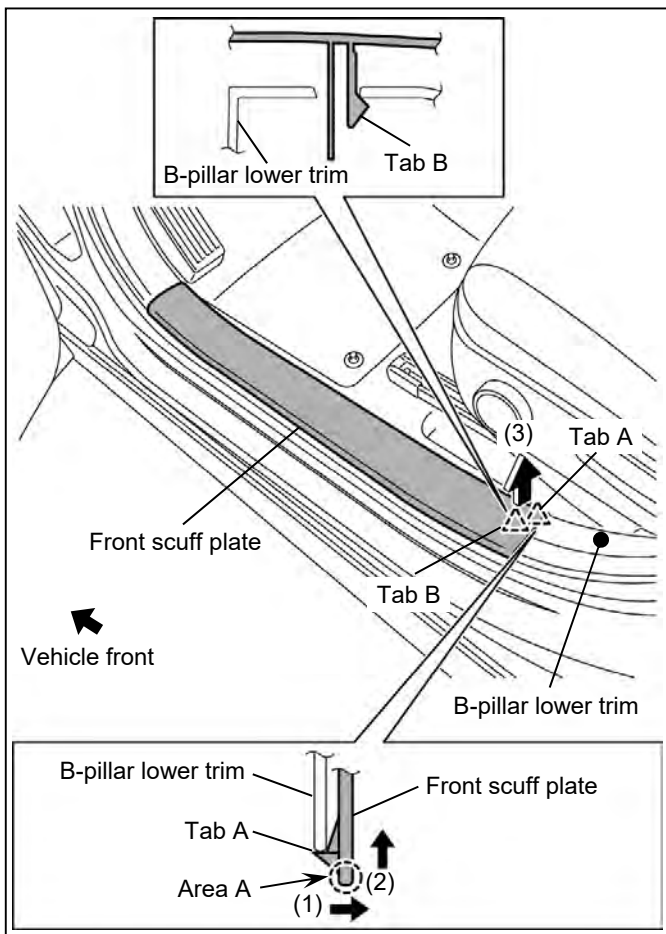
⚠ CAUTION

- Illustration indicates driver-side.
(Passenger-side identical)

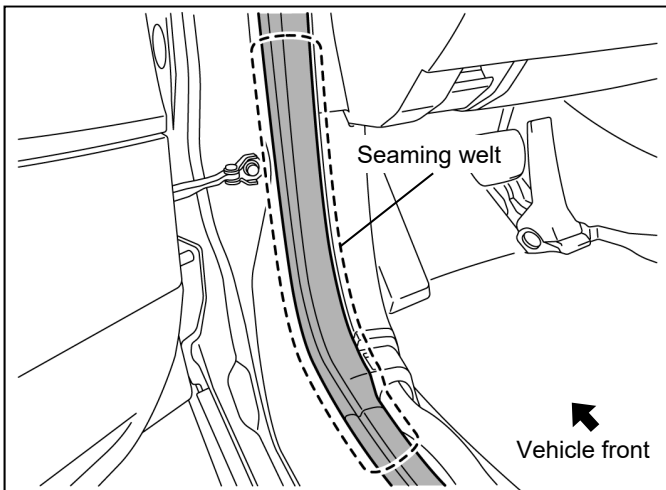
1. Hold area A shown in the figure, open the front scuff plate in the direction of arrow (1), move it in the direction of arrow (2), and detach tab A of the front scuff plate from the front side trim.
2. Move the front scuff plate in the direction of arrow (3), and detach tab B of the front scuff plate from the front side trim.



3. Move the front scuff plate in the direction of the arrow in the order of (1), (2) and remove it while detaching clips from the inner panel, and pull out the pins.



4. Hold area A shown in the figure, open the front scuff plate in the direction of arrow (1), move it in the direction of arrow (2), and detach tab A of the front scuff plate from the B-pillar lower trim.
5. Move the front scuff plate in the direction of arrow (3), and detach tab B of the front scuff plate from the B-pillar lower trim.

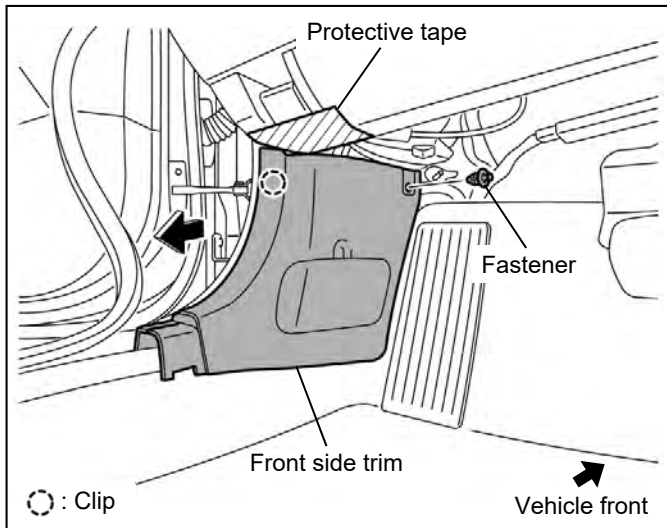


Driver-side/passenger-side front side trim removal

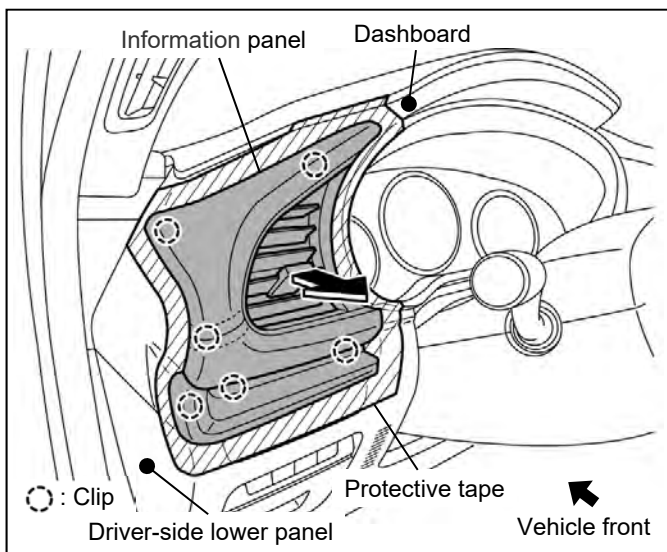
⚠ CAUTION

- Illustration indicates driver-side. (Passenger-side identical)

1. Partially peel back the seaming welt.

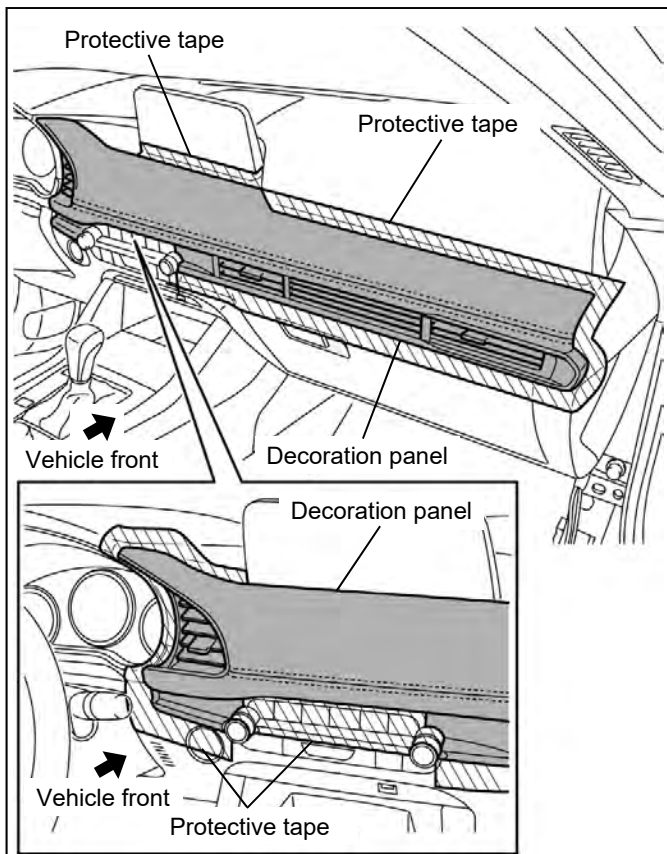


2. Affix protective tape to the position shown in the figure.
3. Remove the fastener.
4. Move the front side trim in the direction of the arrow shown in the figure and detach the clip from the body panel.



Information panel removal

1. Affix protective tape to the position shown in the figure.
2. Move the information panel in the direction of the arrow shown in the figure and detach the clips from the dashboard and driver-side lower panel.

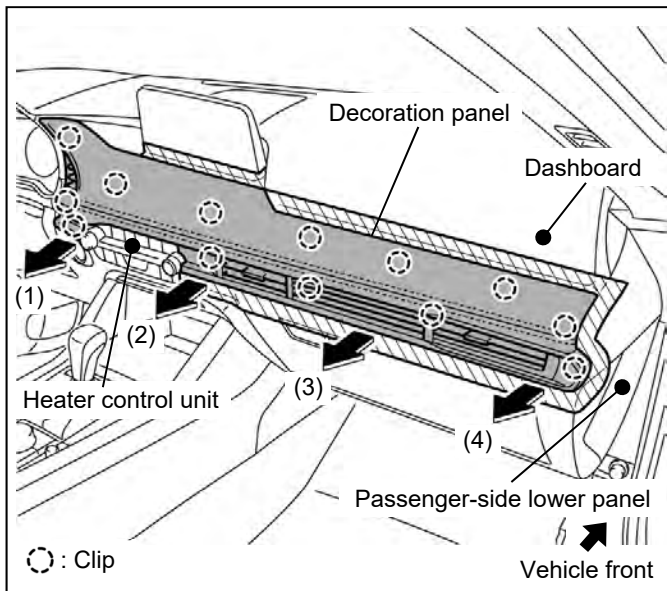


Decoration panel removal

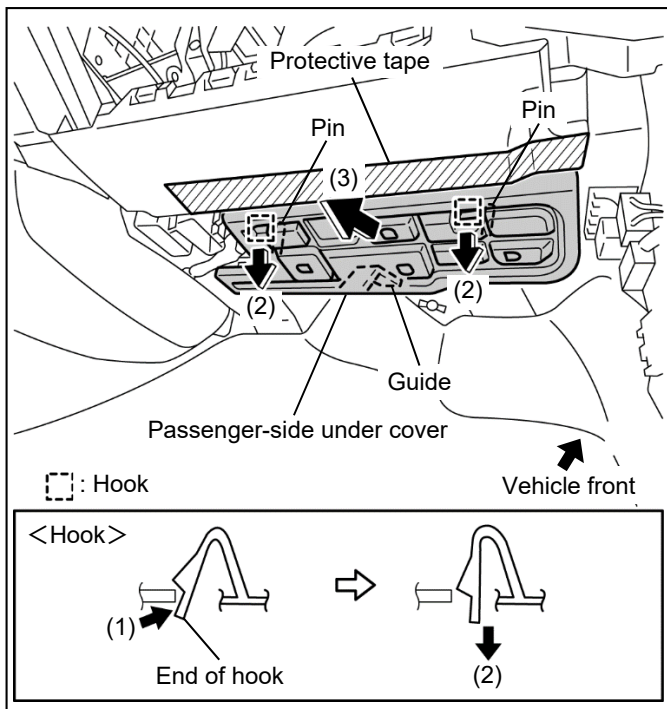
1. Affix protective tape to the position shown in the figure.

⚠ CAUTION

- If work using protective tape is performed in an area where the temperature can increase drastically or the protective tape is left adhered for a long period of time, tape adhesive could remain on the area where the protective tape was applied when it is peeled off. When applying protective tape, avoid areas where the temperature of the tape can increase drastically and peel off the protective tape soon after the work is completed.



2. Move the information panel in the order of arrows (1), (2), (3), and (4) shown in the figure, and detach the clips from the dashboard, heater control unit and passenger-side lower panel.



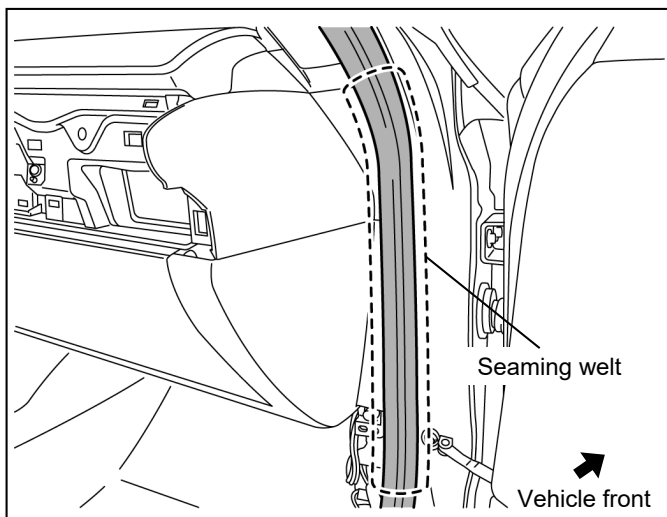
Passenger-side under cover removal

1. Affix protective tape to the position shown in the figure.
2. With the end of the hook pressed out in the direction of arrow (1) shown in the figure, move the passenger-side under cover in the direction of arrow (2) and detach the hooks and pins.

⚠ CAUTION

- When detaching the hooks and pins, if the passenger-side under cover is moved downward forcefully, the guide may be damaged. Be careful not to damage the guide when detaching the hooks and pins.

3. Remove the passenger-side under cover in the direction of the arrow (3) shown in the figure while detaching the guide.

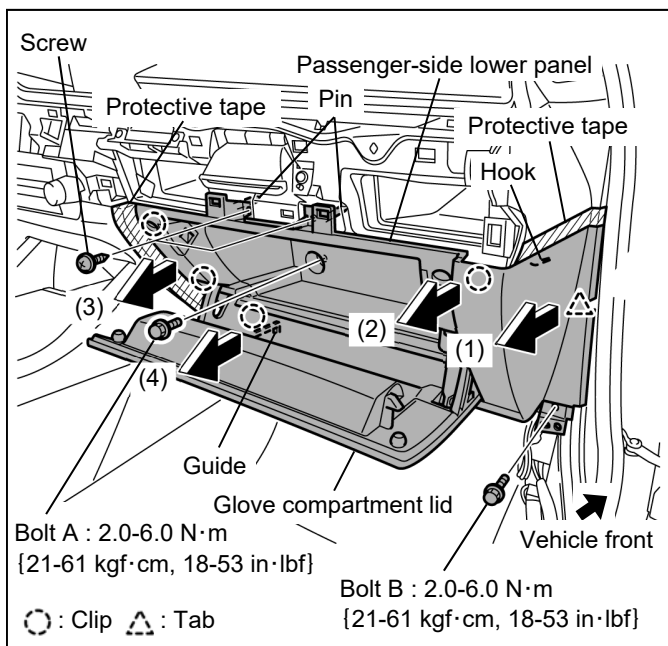


Passenger-side lower panel removal

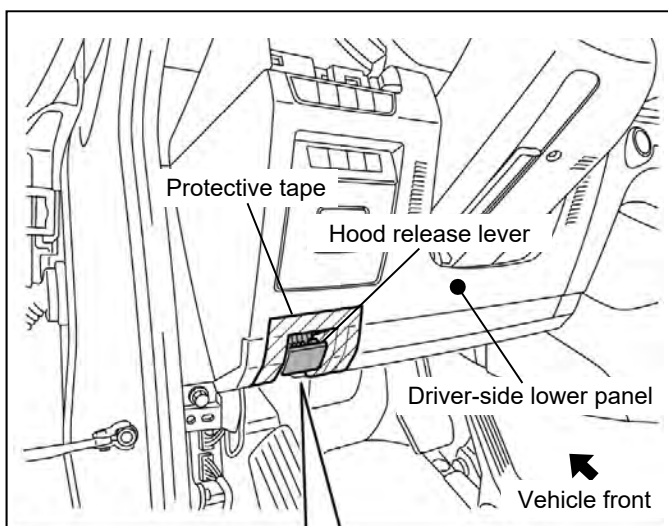
⚠ CAUTION

- Remove the glove compartment lid together with the passenger-side lower panel.

1. Partially peel back the seaming welt.



2. Affix protective tape to the position shown in the figure.
3. Open the glove compartment lid.
4. Remove the screws, bolt A and bolt B.
5. Move the passenger-side lower panel in the order of arrows (1), (2), (3), and (4) shown in the figure, and detach the clips, tab, pins, hook and guide from the dashboard.

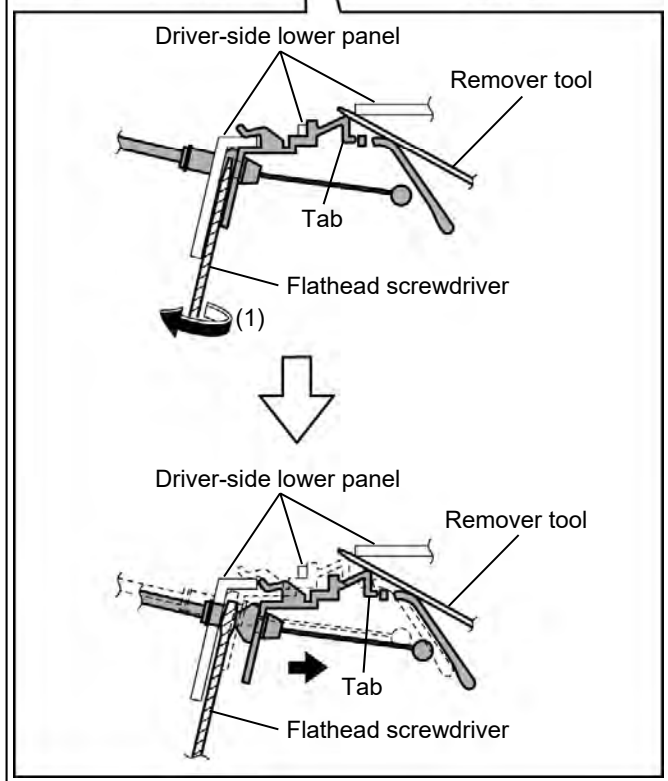


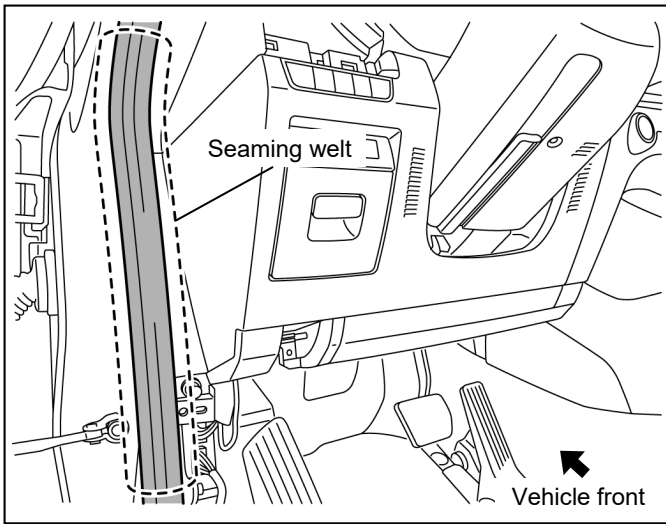
Hood release lever removal

1. Affix protective tape to the position shown in the figure.
2. While pulling the hood release lever, insert a remover tool into the position shown in the figure.
3. Insert a tape-wrapped flathead screwdriver into the position shown in the figure and rotate it in the direction of arrow (1) to detach the hood release lever from the driver-side lower panel.

⚠ CAUTION

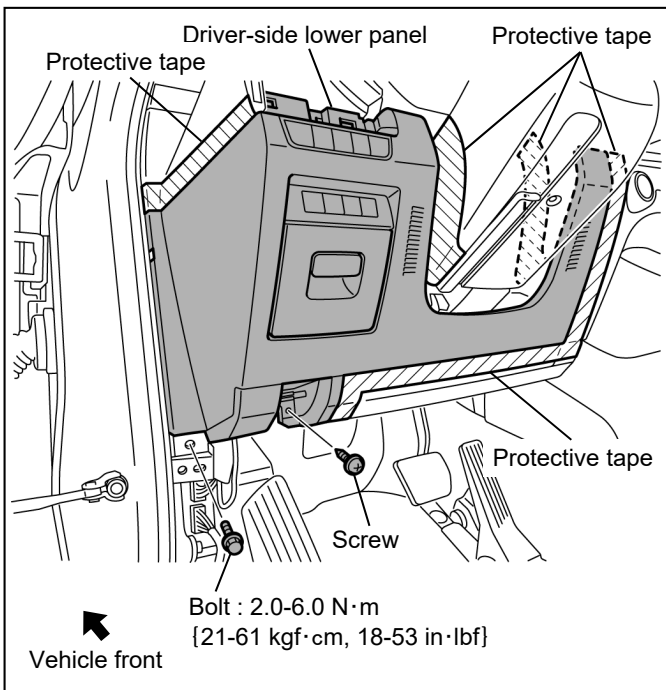
- Be careful not to damage the hood release lever with the flathead screwdriver.





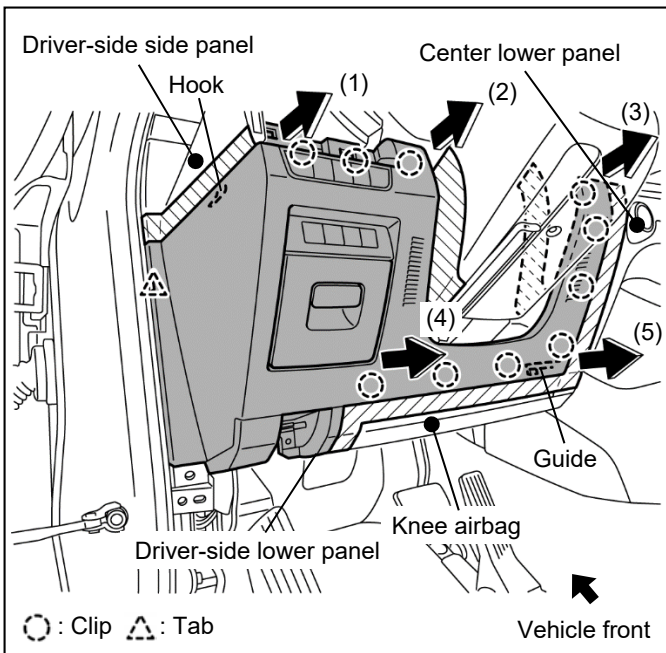
Driver-side lower panel removal

1. Partially peel back the seaming welt.

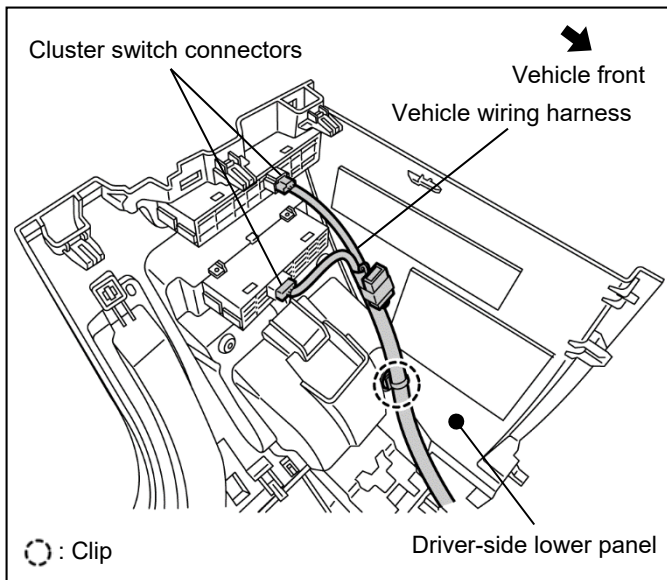


2. Affix protective tape to the position shown in the figure.

3. Remove the screw and bolt.



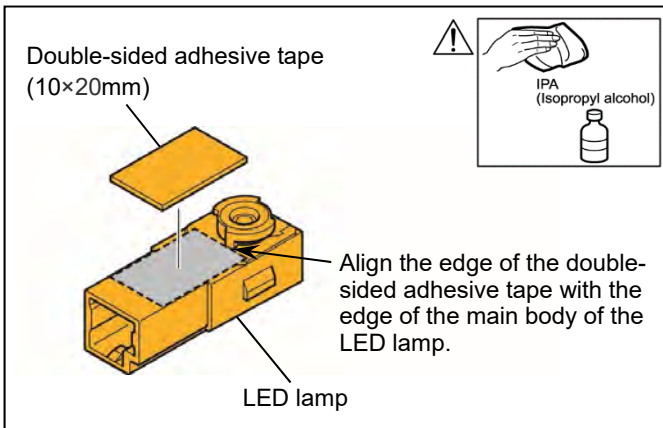
4. Move the driver-side lower panel in the order of arrows (1), (2), (3), (4), and (5) shown in the figure, and detach the clips, tab, hook, and guide from the dashboard, driver-side side panel, knee airbag and center lower panel.



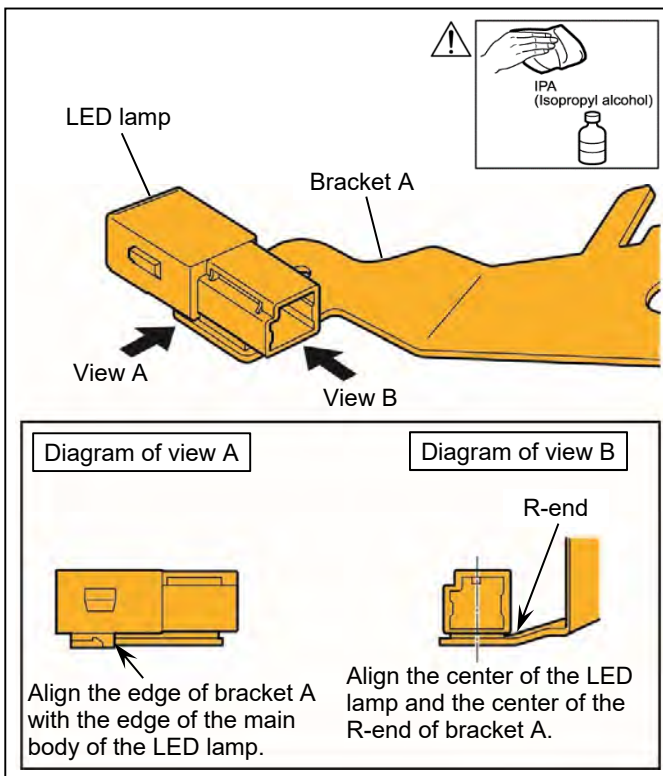
5. Remove the vehicle wiring harness clip and disconnect the cluster switch connectors.
6. Remove the driver-side lower panel.

6. PREPARATION FOR LED LAMP INSTALLATION

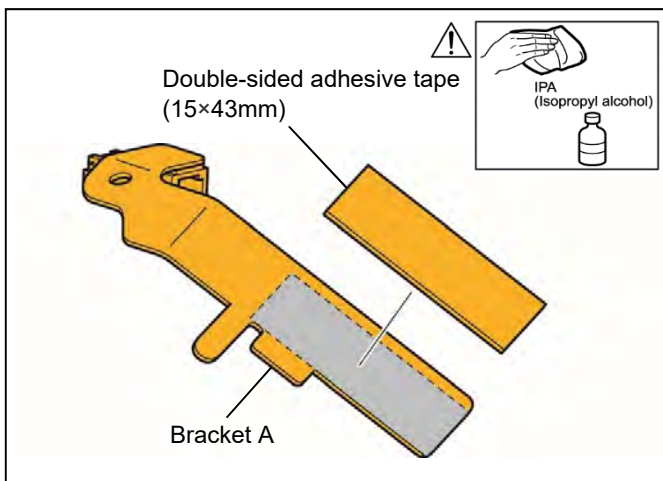
■ LED lamp (driver-side)



1. Affix the double-sided adhesive tape to the LED lamp as shown in the figure.

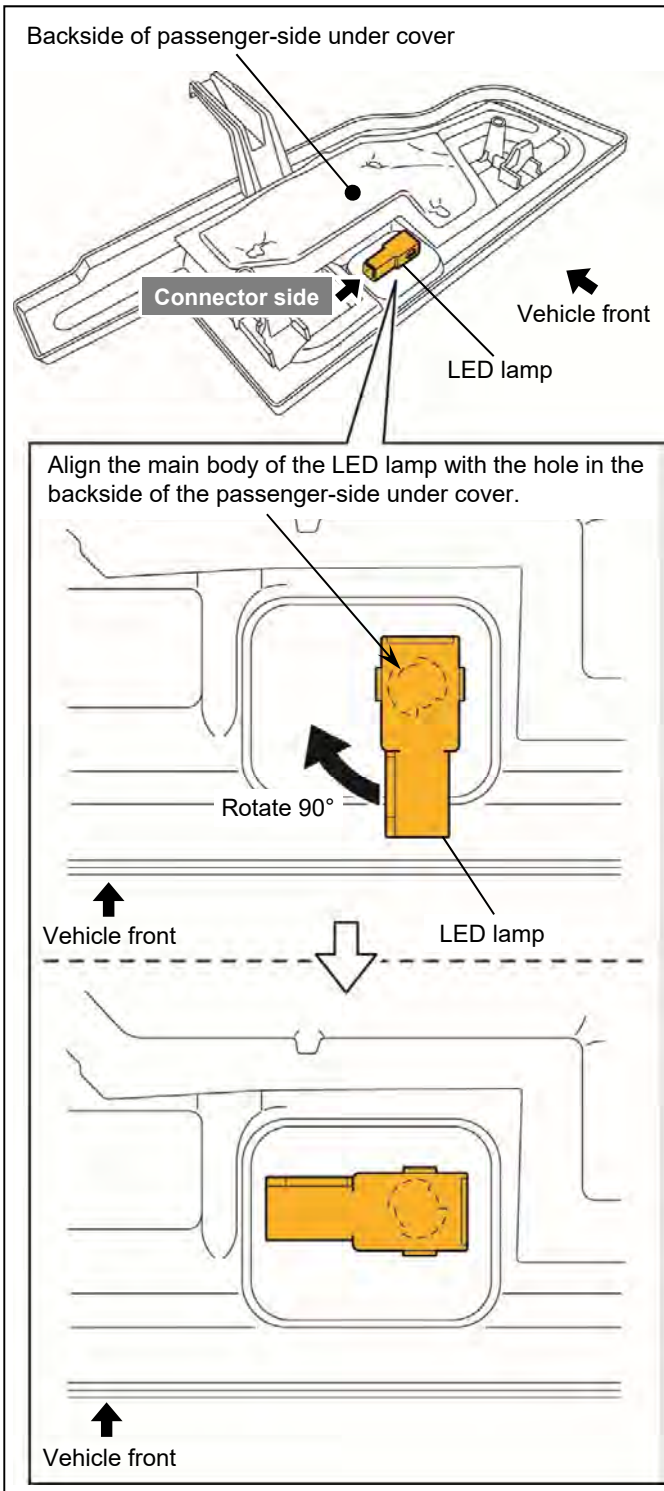


2. Peel off the backing paper from the double-sided adhesive tape, and attach the LED lamp to bracket A.



3. Affix the double-sided adhesive tape to the bracket A as shown in the figure.

■ LED lamp (passenger-side)

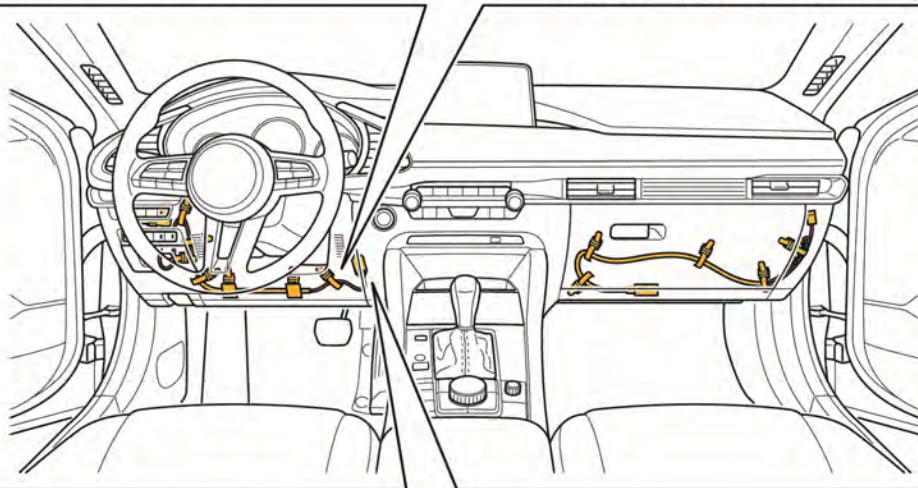
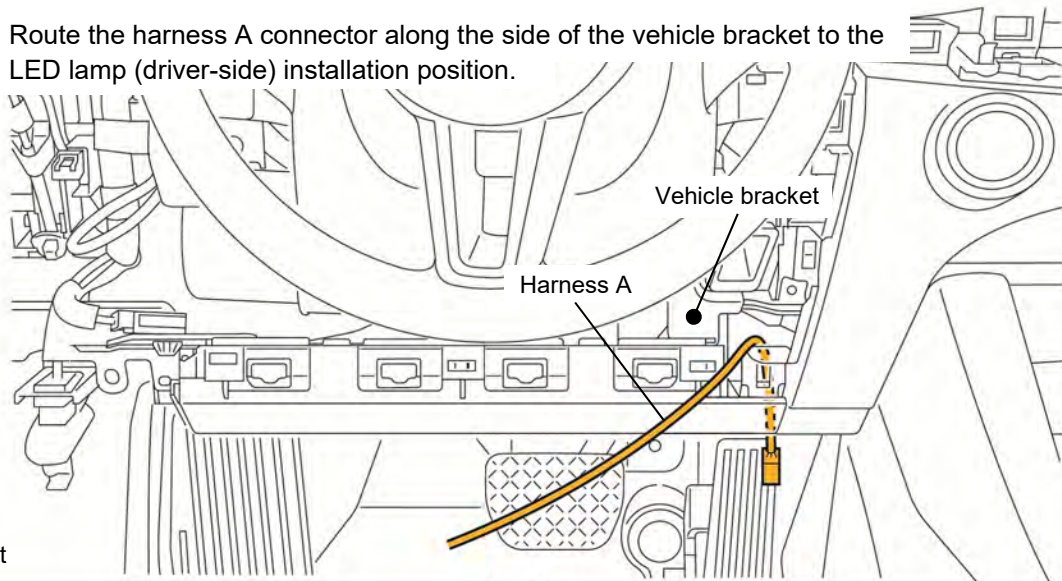


1. Align the main body of the LED lamp with the hole in the backside of the passenger-side under cover.
2. Rotate the LED lamp 90° centering on the main body to secure it to the passenger-side under cover.

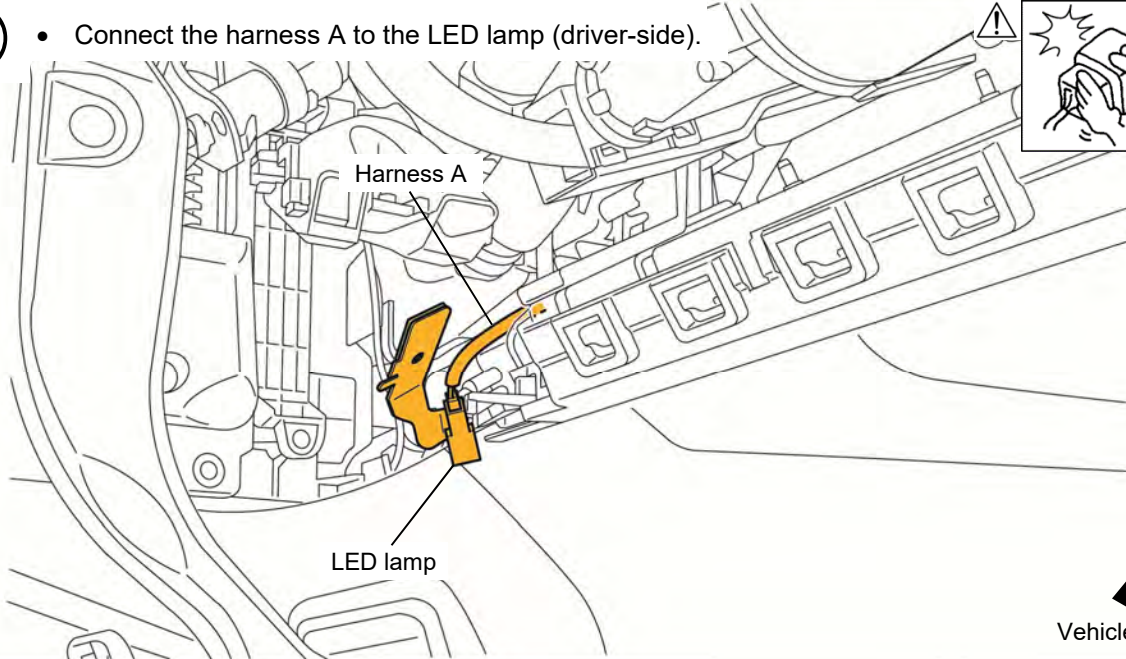
7. INSTALLATION OF THE HARNESSES

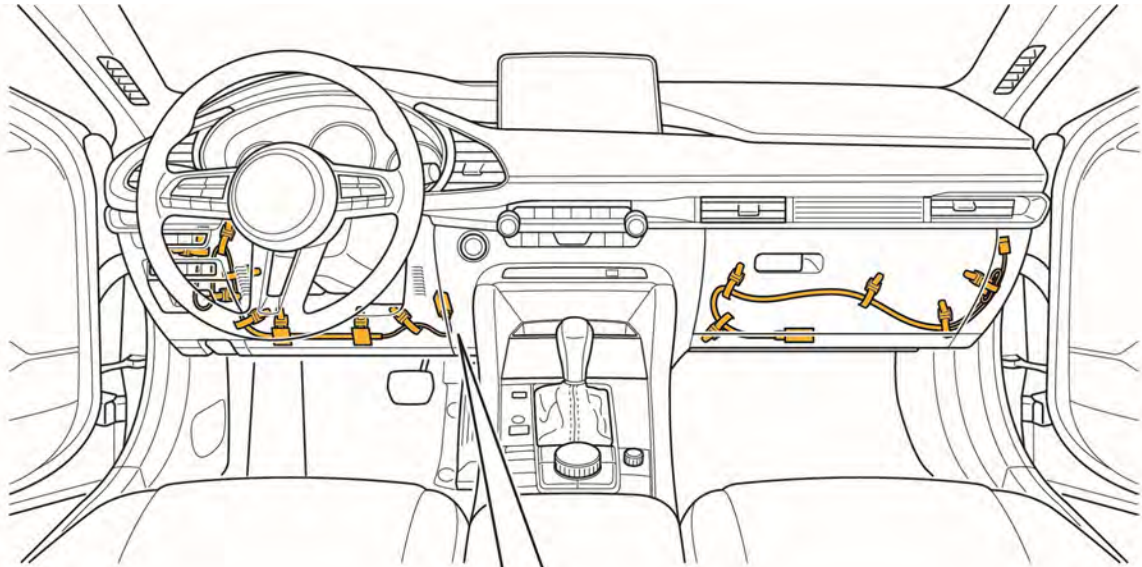
■ Harness A (Driver-side)

- (1) • Route the harness A connector along the side of the vehicle bracket to the LED lamp (driver-side) installation position.

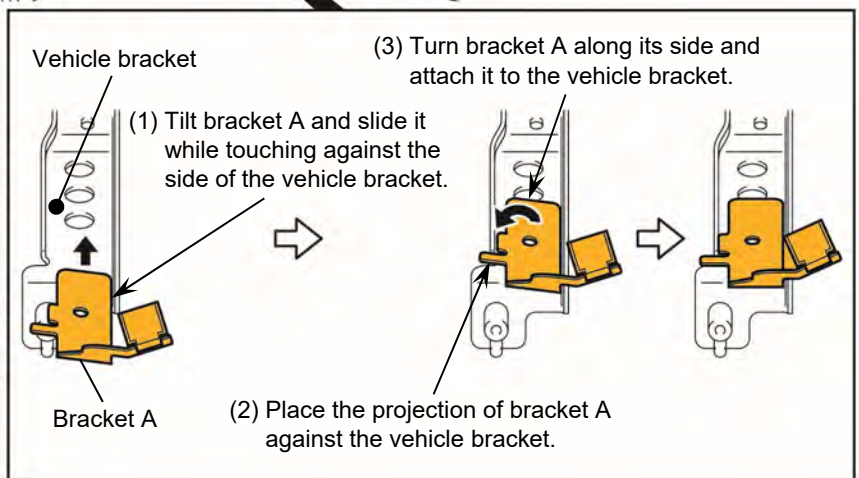
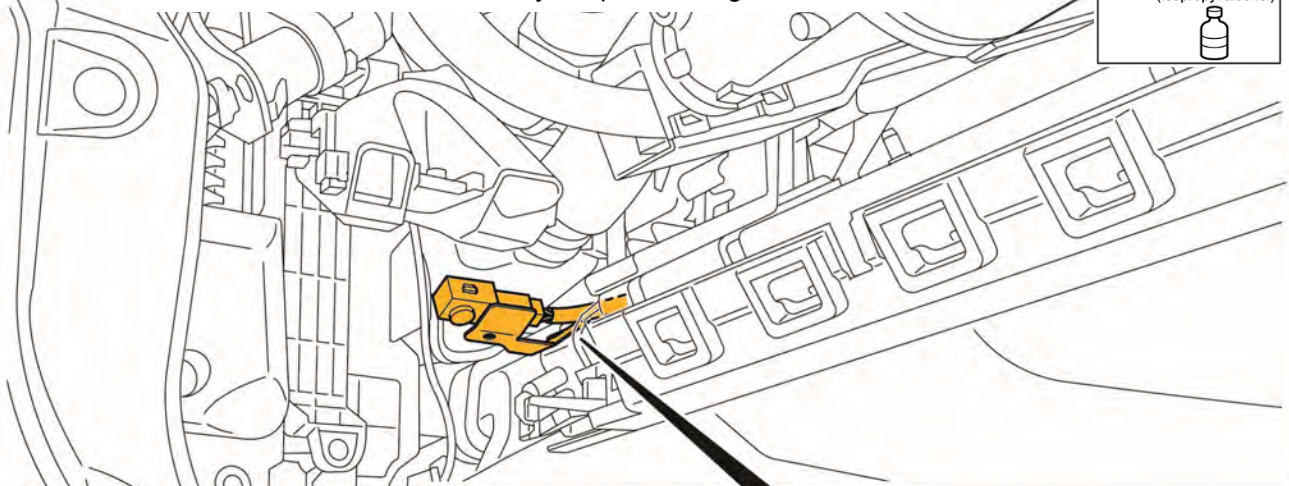
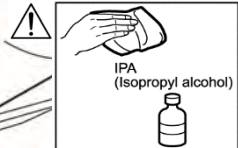


- (2) • Connect the harness A to the LED lamp (driver-side).

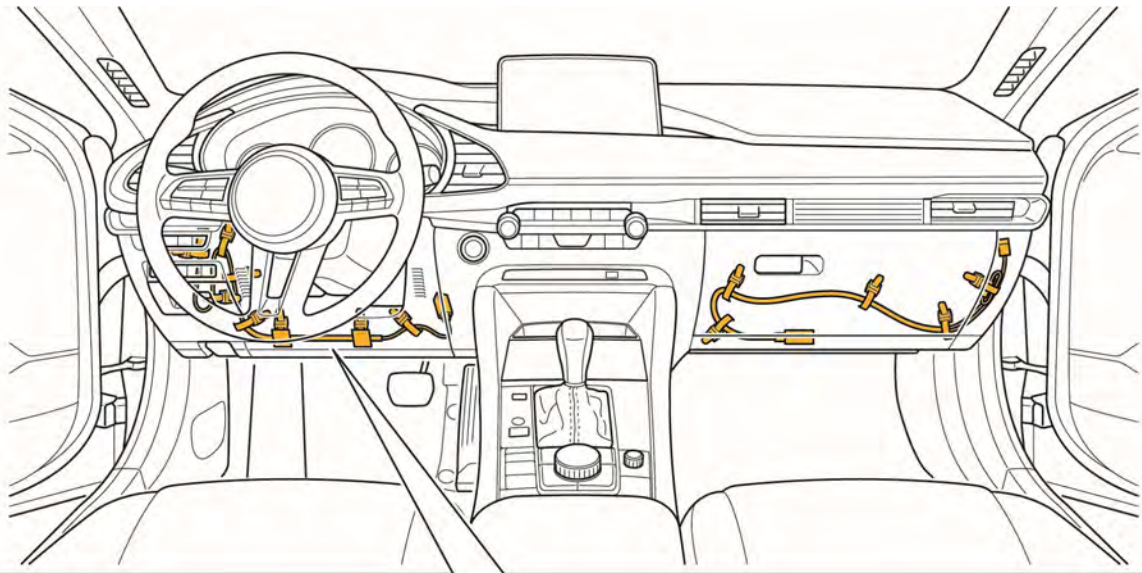




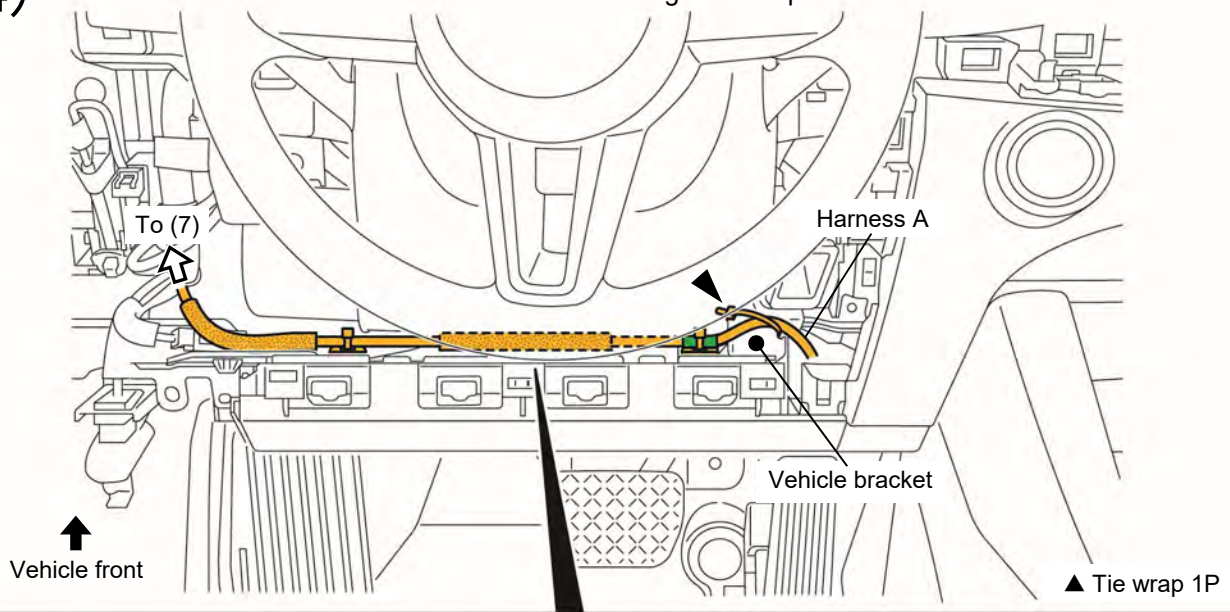
- (3)** • Peel off the backing paper of the double-sided adhesive tape, and attach bracket A to the vehicle bracket by the procedure given below.



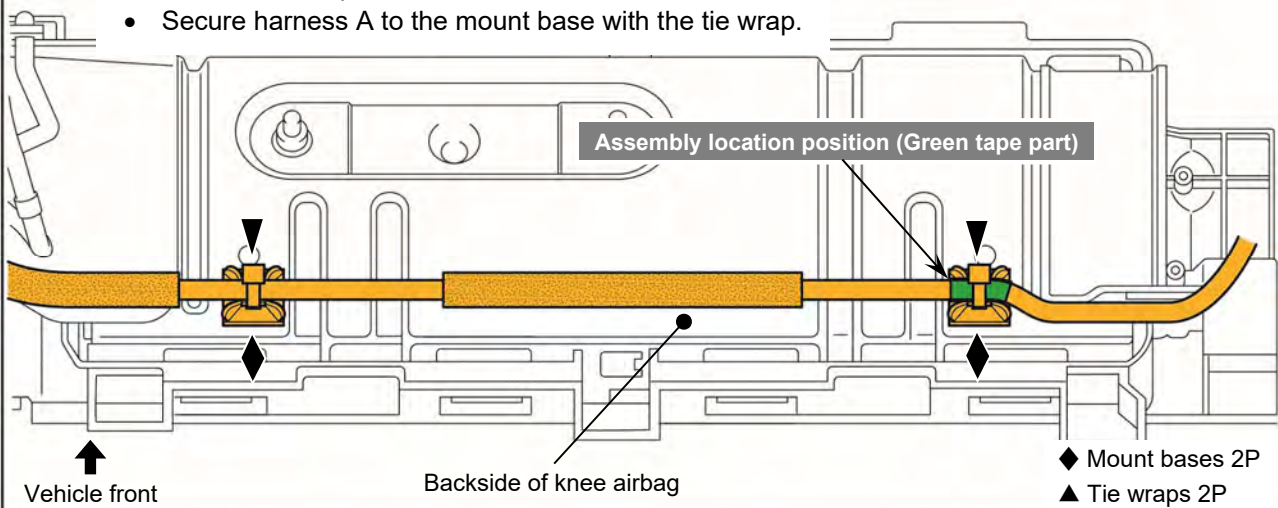
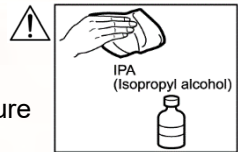
← Vehicle front

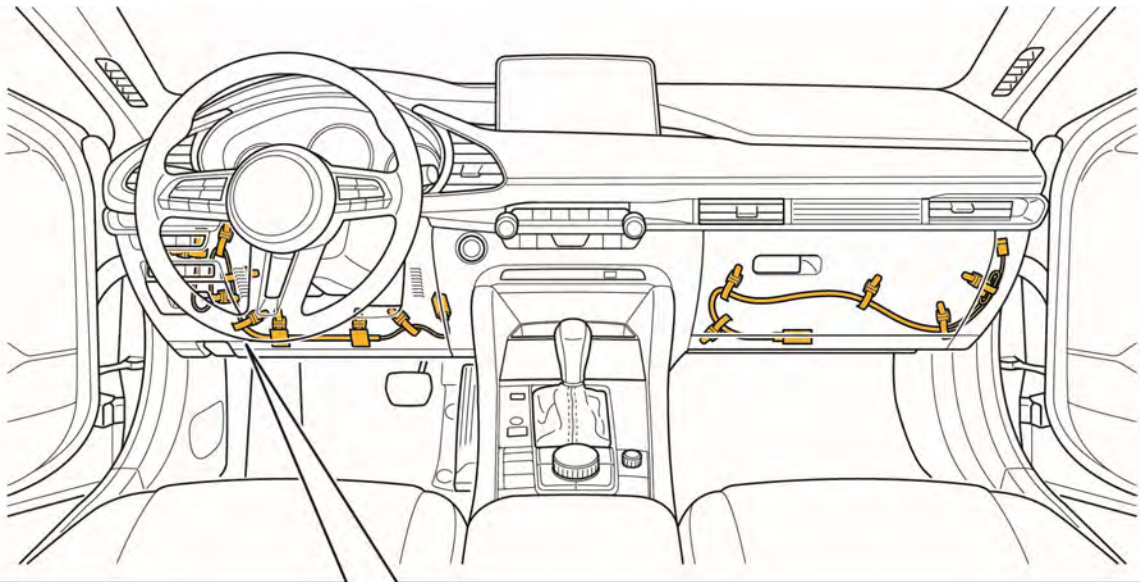


- (4) • Secure the harness A to the vehicle bracket using a tie wrap.

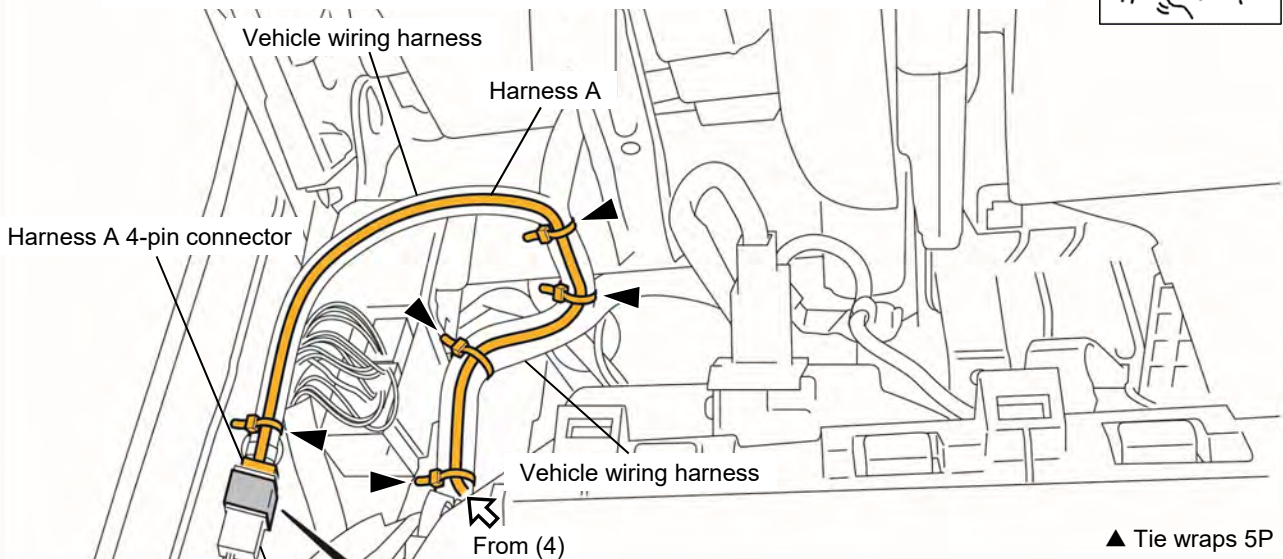


- (5) • Attach the mount bases to the metal plates underneath the knee airbag.
 • With the green tape part of harness A as the position reference, align the middle of the green tape with the middle of the mount base, and then secure with the tie wrap.
 • Secure harness A to the mount base with the tie wrap.

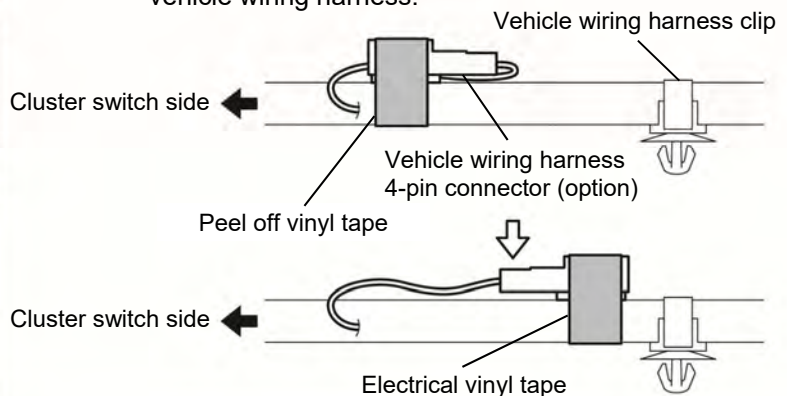




- (7)**
- Connect the harness A 4-pin connector to the vehicle wiring harness 4-pin connector (option).
 - Secure the harness A to the vehicle wiring harness using tie wraps.

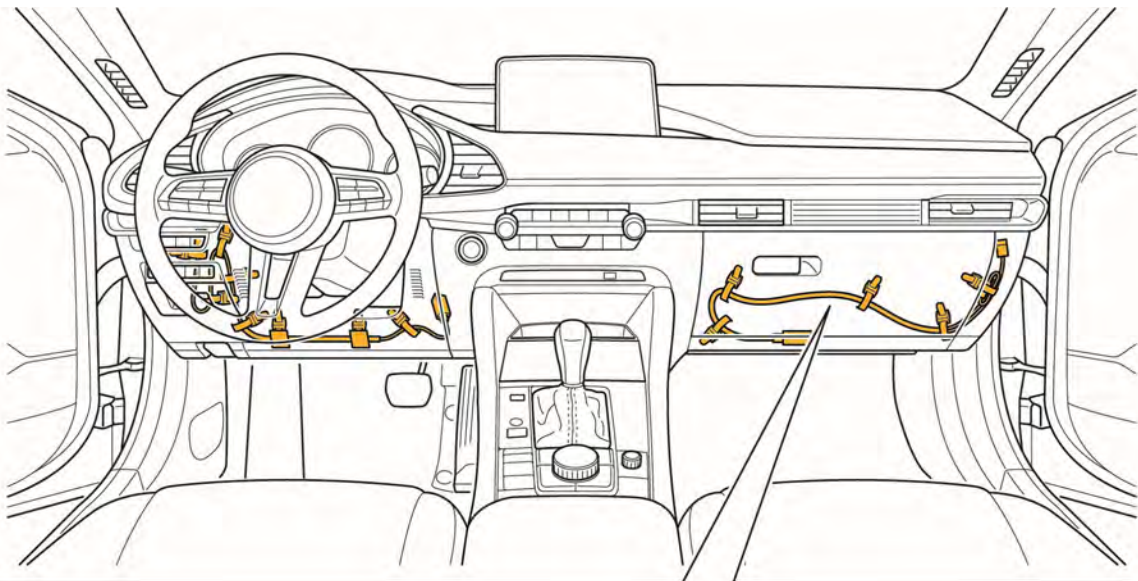


- (6)**
- Peel off the vinyl tape which is wrapped around the vehicle wiring harness 4-pin connector (option).
 - Bend back the vehicle wiring harness 4-pin connector (option) 180 degrees in the opposite direction, and use electrical vinyl tape to bind it together with the vehicle wiring harness.



↓
Vehicle front

■ Harness B (Passenger-side)



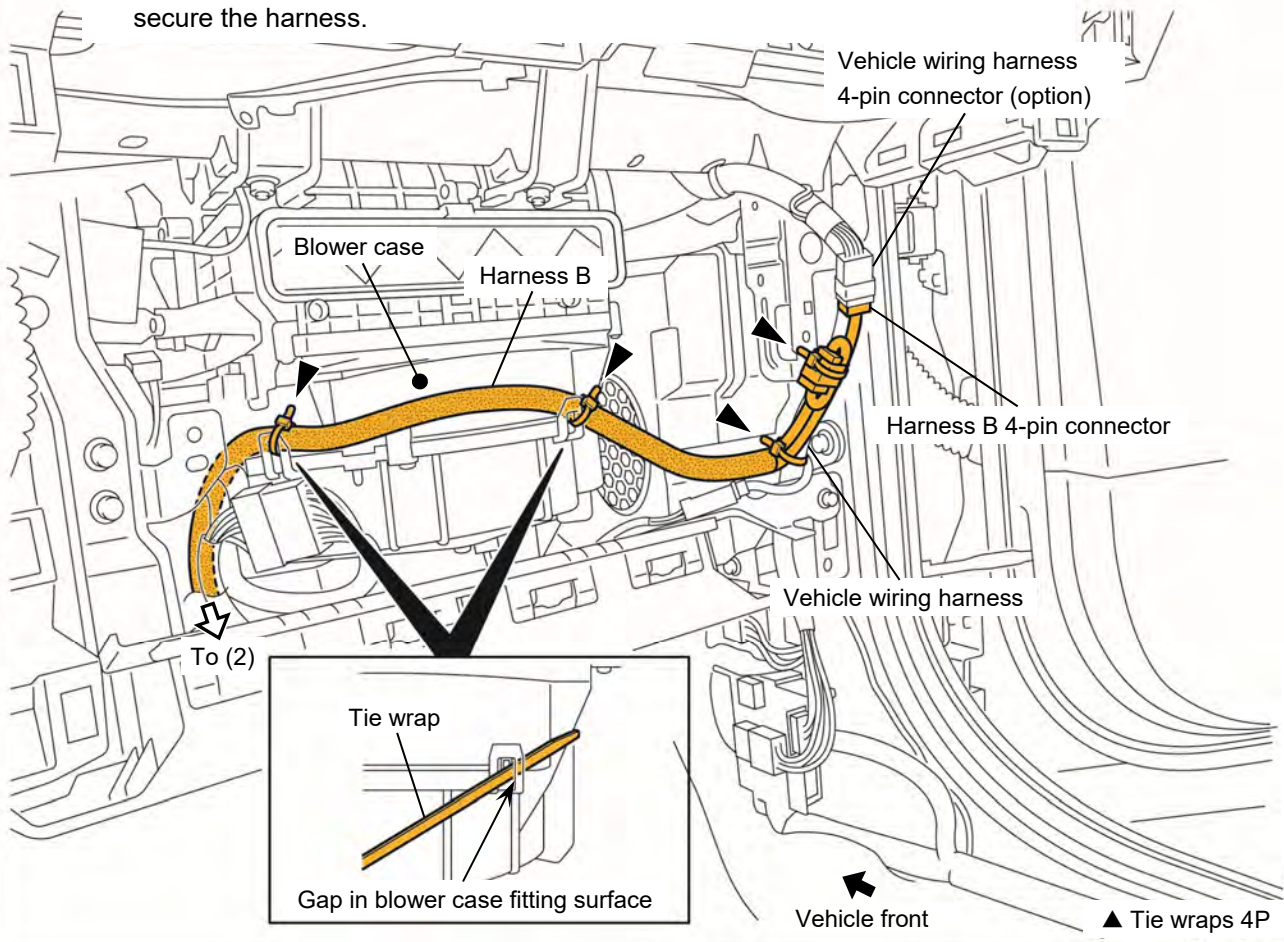
- (1) • Connect the harness B 4-pin connector to the vehicle wiring harness 4-pin connector (option).



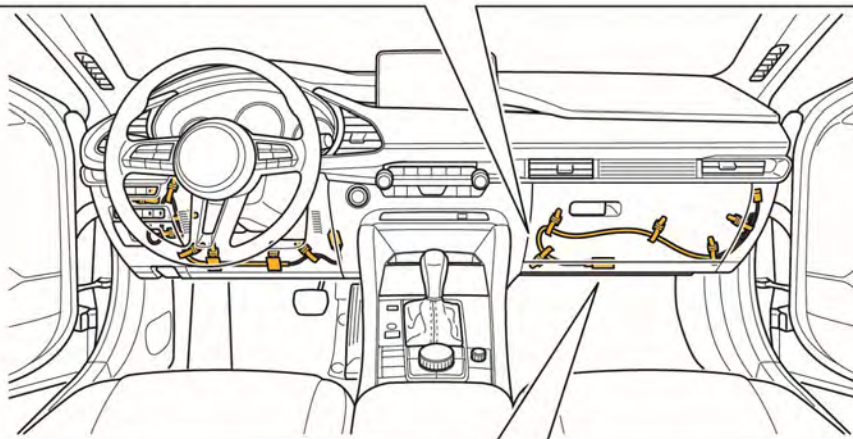
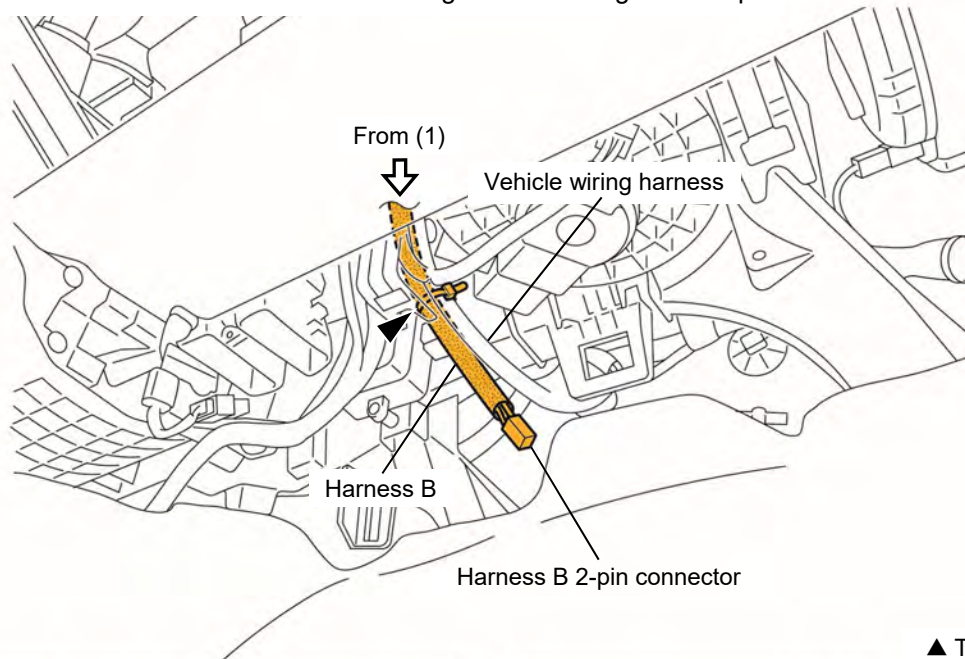
⚠ **CAUTION**

- If installing a genuine remote engine start, refer to "When installing the genuine remote engine start at the same time" on page 20.

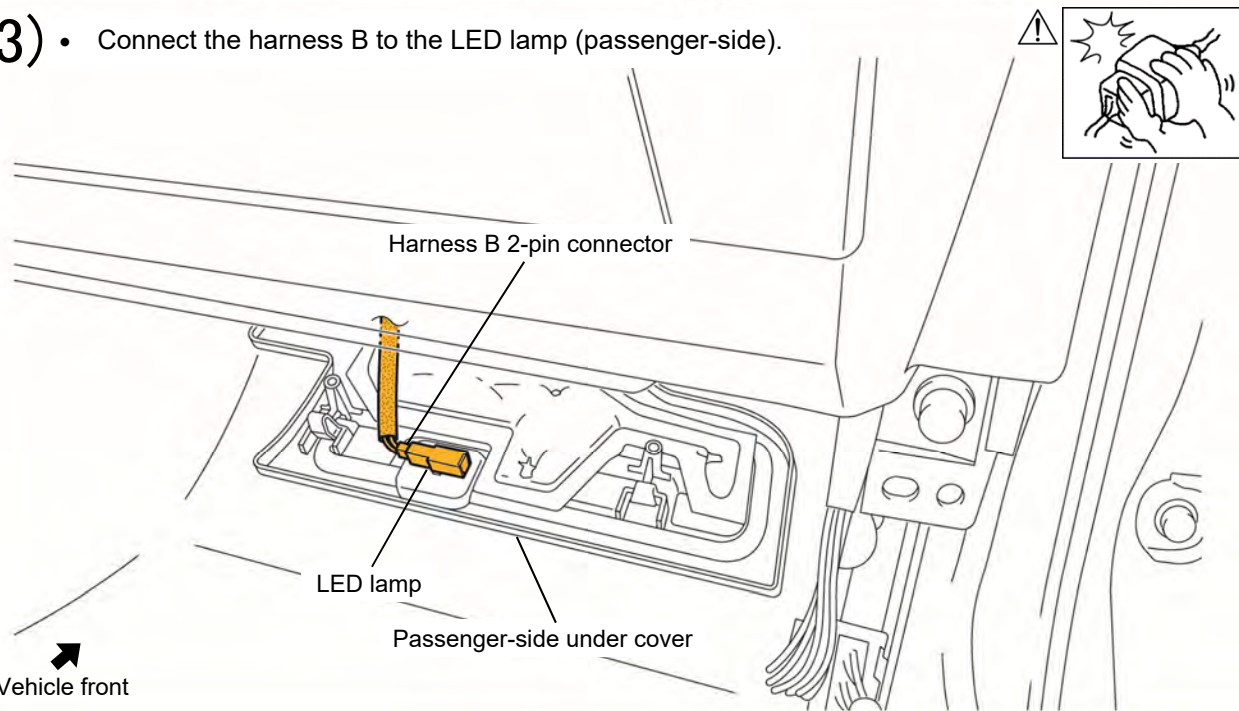
- Secure the harness B to the vehicle wiring harness using tie wraps.
- Pass the tie wraps through the gap in the blower case fitting surface, and then secure the harness.



- (2) • Secure the harness B to the vehicle wiring harness using a tie wrap.



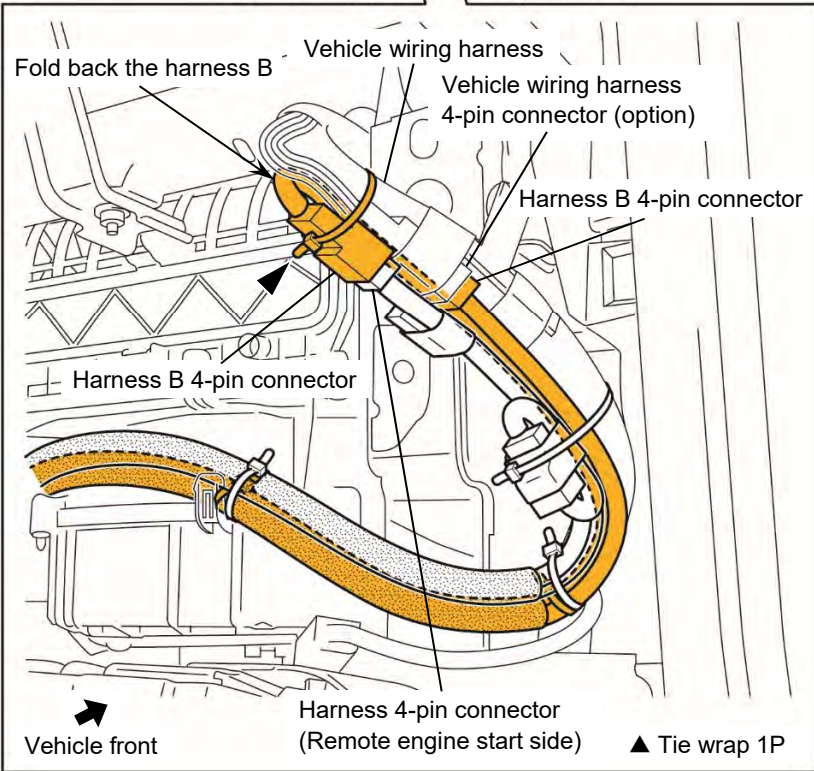
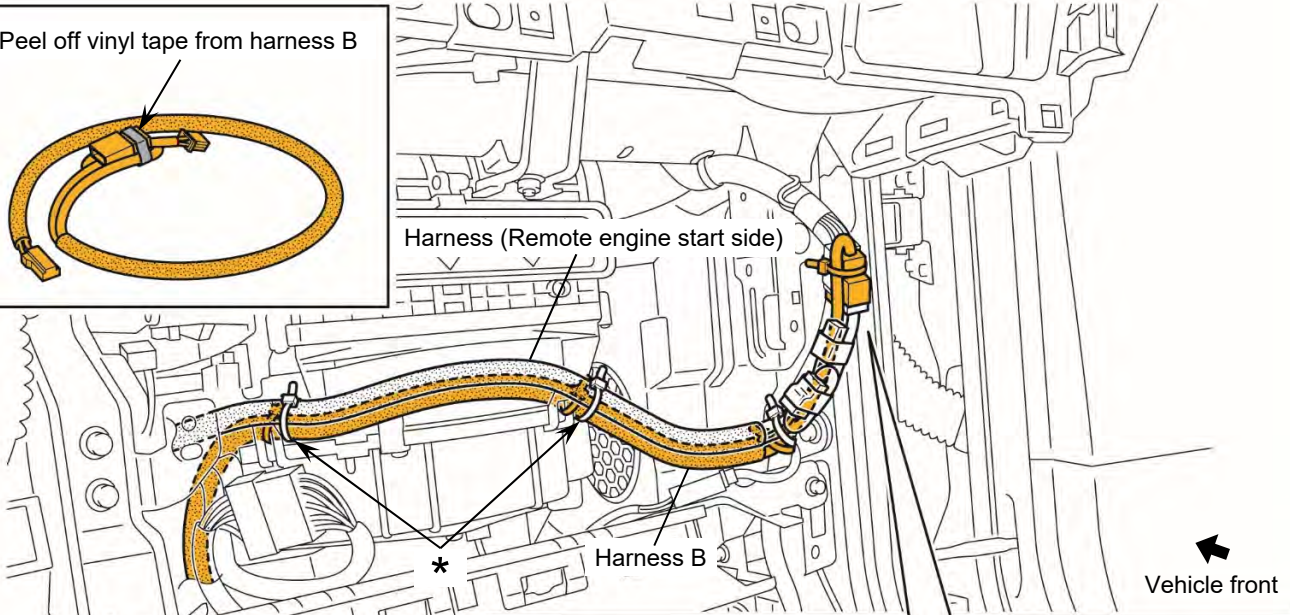
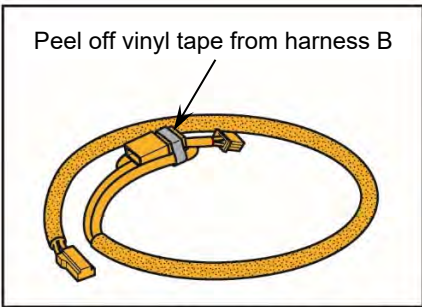
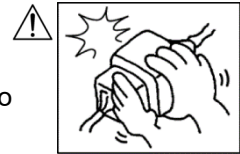
- (3) • Connect the harness B to the LED lamp (passenger-side).



<When installing the genuine remote engine start at the same time>

- Either the interior lighting kit or the remote engine start can be installed first.

- (1) Peel off the vinyl tape which has been wound around the harness 4-pin connector of either the interior lighting kit or the remote engine start.
- (2) Connect the harness 4-pin connector which has had the vinyl tape removed in step (1) to the kit side of the harness 4-pin connector which has not had the vinyl tape removed.
- (3) Bend back the harness 4-pin connector, and use a tie wrap to secure it together with the vehicle wiring harness or vehicle wiring harness connector (option).



CAUTION

- * When securing using tie wraps, place the harness of the remote engine start on top of harness B so that it does not cause an obstruction when replacing the passenger-side lower panel.

8. CAUTIONS WHEN RE-INSTALLING

1. Reinstall parts in the reverse order of the installation procedure in **[5.VEHICLE PART REMOVAL]**.
2. Refer to “Required servicing after disconnecting/connecting negative battery cable” in the vehicle workshop manual or the owner’s manual to restore the vehicle functions.
3. Perform reinstallation and inspection of the vehicle parts.

9. ACTIVATION

1. **The M-MDS must be used to set the interior lighting kit to enabled before the interior lighting kit can be used.**
Refer to the "Genuine Interior Lighting Kit Activation procedure TYPE.A" for details on the setting procedure using the M-MDS.

Please refer to the specific location below to retrieve the step-by-step "Genuine Interior Lighting Kit Activation procedure TYPE:A" for the appropriate part number(s) indicated on this document.



For USA dealers

Please visit the Accessory eCatalog located on MXConnect. The Accessory eCatalog can be found by visiting **MXConnect ⇒ Accessories ⇒ Accessory eCatalog**

For CANADIAN dealers

Please review the Activation Procedure document on the Mazda Document Library and/or One Mazda portal.

10. OPERATION CHECK

1. First, close all of the doors (including the trunk lid and liftgate).
2. Interior lighting function (Door-linked)
Check that the LED lamp turns on and off respectively when a door is opened or closed.
3. Headlight function (Headlight switch-linked)
Close the doors and turn off the map light, and then check that the vehicle headlight switch is “ ” or “ ” and that the LED lamp turns on/off.
4. Turn on the ignition, close the doors and turn on the position lamp, and then check that switching the foot lamp brightness (Dark, Mid, Bright, OFF) can be carried out in the Mazda Connect screen.
5. After checking, return the setting to "Mid".