

# Your Ultimate Source for OEM Repair Manuals

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## 2018 MAZDA MX-5 / Miata OEM Service and Repair Workshop Manual

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- (7)Clock spring (See [CLOCK SPRING REMOVAL/INSTALLATION \[STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.\]](#).) (See [CLOCK SPRING REMOVAL/INSTALLATION \[TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA/ISRAEL SPEC.\]](#).)
- (8)Passenger-side lower panel (See [LOWER PANEL REMOVAL/INSTALLATION](#).)
- (9)Dashboard under cover (See [DASHBOARD UNDER COVER REMOVAL/INSTALLATION](#).)
- (10)Glove compartment (See [GLOVE COMPARTMENT REMOVAL/INSTALLATION](#).)
- (11)Climate control unit (See [CLIMATE CONTROL UNIT REMOVAL/INSTALLATION \[FULL-AUTO AIR CONDITIONER\]](#).) (See [CLIMATE CONTROL UNIT REMOVAL/INSTALLATION \[MANUAL AIR CONDITIONER\]](#).)
- (12)Indicator unit (See [INDICATOR UNIT REMOVAL/INSTALLATION](#).)
- (13)Center lower panel (See [CENTER LOWER PANEL REMOVAL/INSTALLATION](#).)
- (14)Knee bolster (With knee bolster) (See [KNEE BOLSTER REMOVAL/INSTALLATION](#).)
- (15)Driver-side lower panel (See [LOWER PANEL REMOVAL/INSTALLATION](#).)
- (16)Fuel-filler lid opener lever (See [FUEL-FILLER LID OPENER AND LEVER REMOVAL/INSTALLATION](#).)
- (17)Hood release lever (See [HOOD RELEASE LEVER AND RELEASE CABLE REMOVAL/INSTALLATION](#).)
- (18)Rear console (See [REAR CONSOLE REMOVAL/INSTALLATION](#).)
- (19)Side wall (See [SIDE WALL REMOVAL/INSTALLATION](#).)
- (20)Front console box (See [FRONT CONSOLE BOX REMOVAL/INSTALLATION](#).)
- (21)Shift panel (See [SHIFT PANEL REMOVAL/INSTALLATION](#).)
- (22)Selector lever knob (See [SELECTOR LEVER COMPONENT REMOVAL/INSTALLATION](#).)
- (23)Cup holder (See [CUP HOLDER REMOVAL/INSTALLATION](#).)
- (24)Switch panel (See [SWITCH PANEL REMOVAL/INSTALLATION](#).)
- (25)Console side panel (See [CONSOLE SIDE PANEL REMOVAL/INSTALLATION](#).)
- (26)Active driving display (With active driving display) (See [ACTIVE DRIVING DISPLAY REMOVAL/INSTALLATION](#).)
- (27)Meter hood No.2 (With active driving display) (See [METER HOOD REMOVAL/INSTALLATION](#).)
- (28)Instrument cluster (See [INSTRUMENT CLUSTER REMOVAL/INSTALLATION](#).)
- (29)Center display component (See [CENTER DISPLAY REMOVAL/INSTALLATION](#).)
- (30)Meter hood No.1 (See [METER HOOD REMOVAL/INSTALLATION](#).)
- (31)Driver-side decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION](#).)
- (32)Upper decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION](#).)
- (33)Lower decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION](#).)
- (34)Lower column cover (See [COLUMN COVER REMOVAL/INSTALLATION](#).)
- (35)Upper column cover (See [COLUMN COVER REMOVAL/INSTALLATION](#).)
- (36)Steering wheel (See [STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION](#).)
- (37)Driver-side air bag module (See [DRIVER-SIDE AIR BAG MODULE INSTALLATION \[STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.\]](#).) (See [DRIVER-SIDE AIR BAG MODULE INSTALLATION \[TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA/ISRAEL SPEC.\]](#).)
- (38)A-pillar trim (See [A-PILLAR TRIM REMOVAL/INSTALLATION](#).)
- (39)Front side trim (See [FRONT SIDE TRIM REMOVAL/INSTALLATION](#).)
- (40)Front scuff plate (See [FRONT SCUFF PLATE REMOVAL/INSTALLATION](#).)

14	Screw
15	Center duct
16	Dashboard

3. Assemble in the reverse order of disassembly.

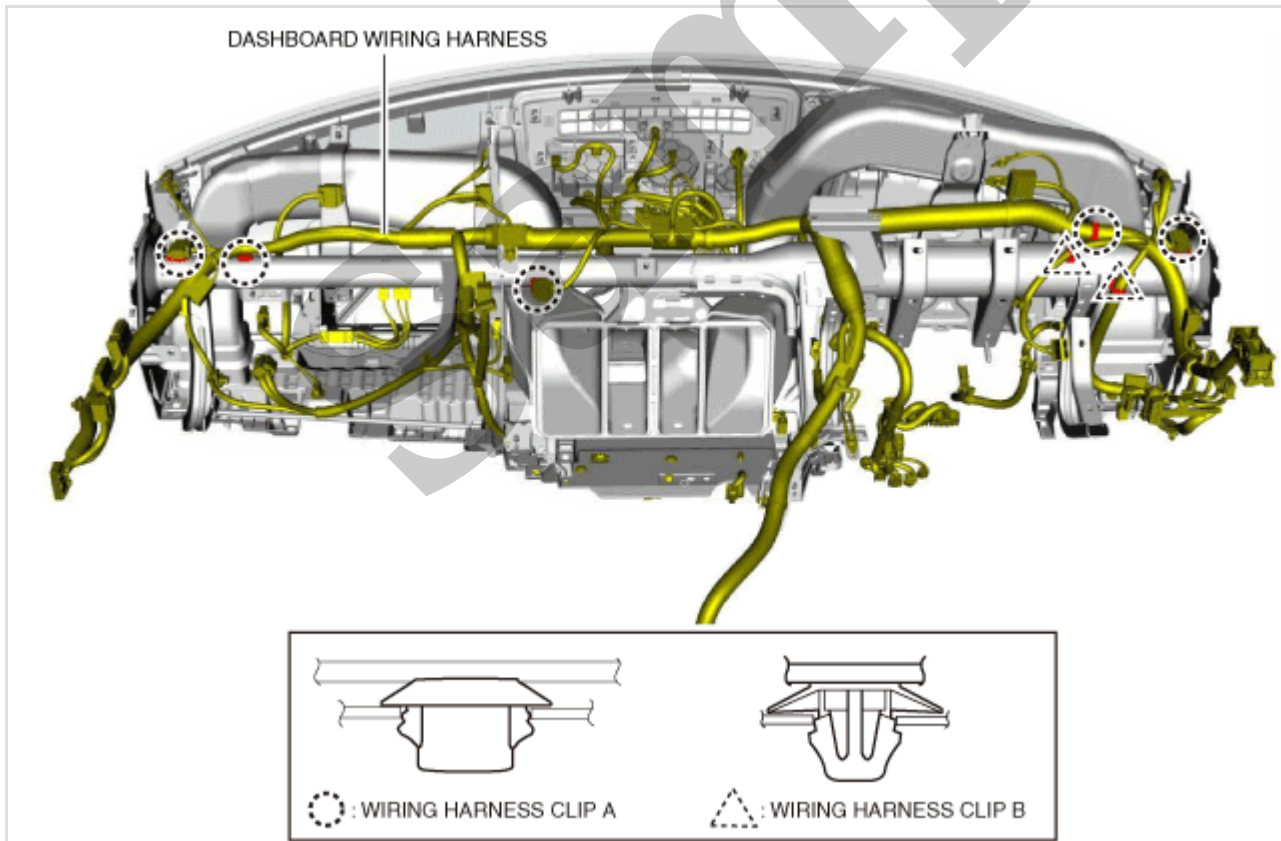
#### Note

• When replacing the dashboard, remove the following parts:

1. Center speaker grille (See **SPEAKER GRILLE REMOVAL/INSTALLATION.**)
2. Front center speaker (With Bose<sup>®</sup>) (See **FRONT CENTER SPEAKER REMOVAL/INSTALLATION.**)
3. Global positioning system (GPS) antenna (See **GLOBAL POSITIONING SYSTEM (GPS) ANTENNA REMOVAL/INSTALLATION.**)
4. Keyless antenna (See **KEYLESS ANTENNA REMOVAL/INSTALLATION.**)
5. Side ventilator grille (See **VENTILATOR GRILLE REMOVAL/INSTALLATION.**)
6. Solar radiation sensor (See **SOLAR RADIATION SENSOR REMOVAL/INSTALLATION [FULL-AUTO AIR CONDITIONER].**)
7. Ambient temperature sensor (See **AMBIENT TEMPERATURE SENSOR REMOVAL/INSTALLATION [FULL-AUTO AIR CONDITIONER].**) (See **AMBIENT TEMPERATURE SENSOR REMOVAL/INSTALLATION [MANUAL AIR CONDITIONER].**)

#### Dashboard Wiring Harness Removal Note

1. The shape of the wiring harness clips at the positions shown in the figure cannot be visually verified. Refer to wiring harness clips A and B shown in the figure when removing the dashboard wiring harness.



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# COLUMN COVER REMOVAL/INSTALLATION

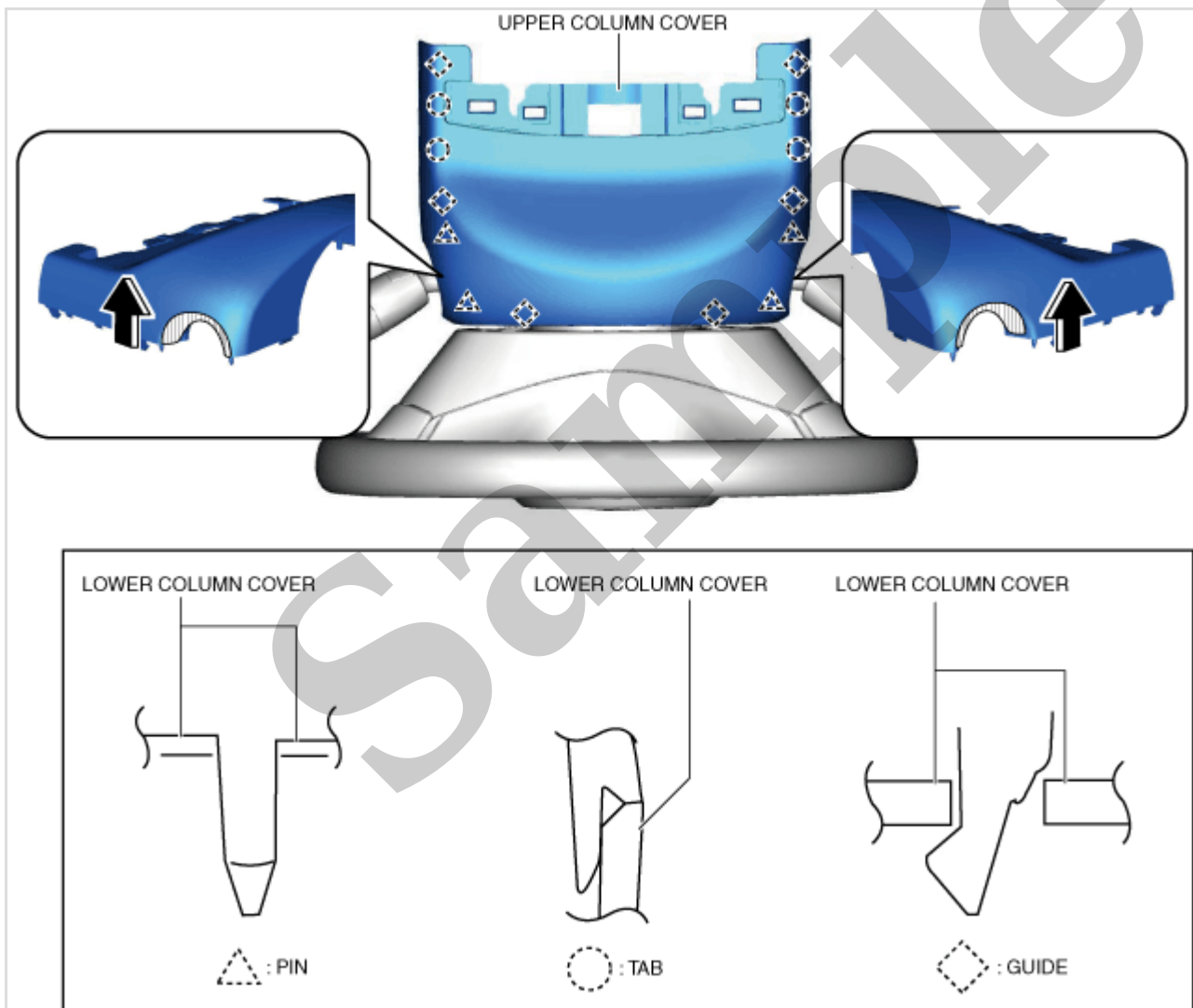
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## Upper Column Cover

1. Lower the steering wheel to the bottommost position.

2. Press the shaded areas shown in the figure, lift the upper column cover in the direction of the arrows, and detach the pins, tabs, and guides from the lower column cover.



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3. While pressing the tabs of meter hood No.1 in the direction of arrow (1) shown in the figure, press them up in the direction of arrow (2) and detach the tabs from the upper column cover.

# METER HOOD REMOVAL/INSTALLATION

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## Meter Hood No.1

1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2. Remove the following parts:

(1) Lower decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))

(2) Upper decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))

(3) Driver-side decoration panel (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))

(4) Upper column cover (See [COLUMN COVER REMOVAL/INSTALLATION.](#))

3. Hold the shaded areas shown in the figure, pull meter hood No.1 in the order of arrows (1) and (2), and remove it while detaching clips A and B.

# SWITCH PANEL REMOVAL/INSTALLATION

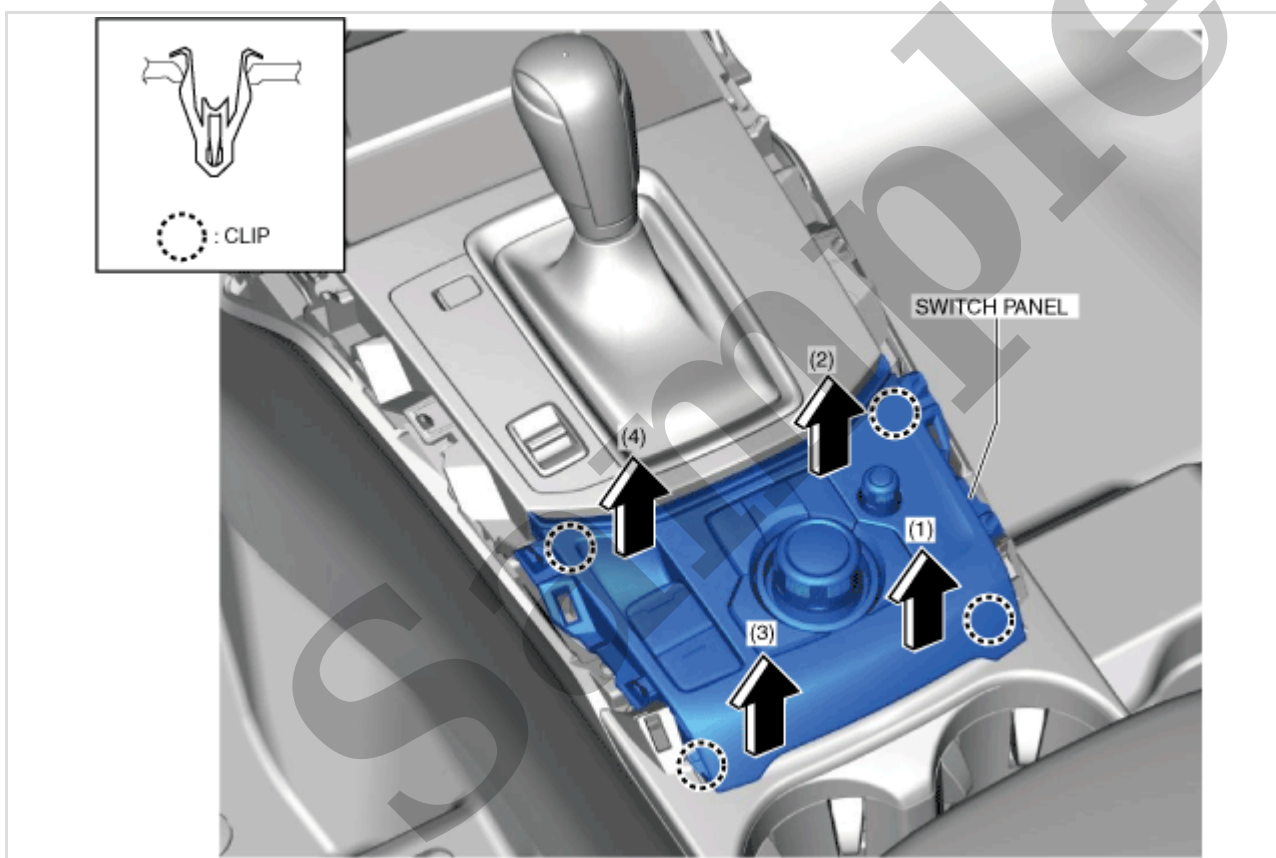
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1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2. Remove the console side panel. (See [CONSOLE SIDE PANEL REMOVAL/INSTALLATION.](#))

3. Using a remover tool, move the switch panel in the order of arrows (1), (2), (3), and (4) shown in the figure, detach the clips, and remove the switch panel.



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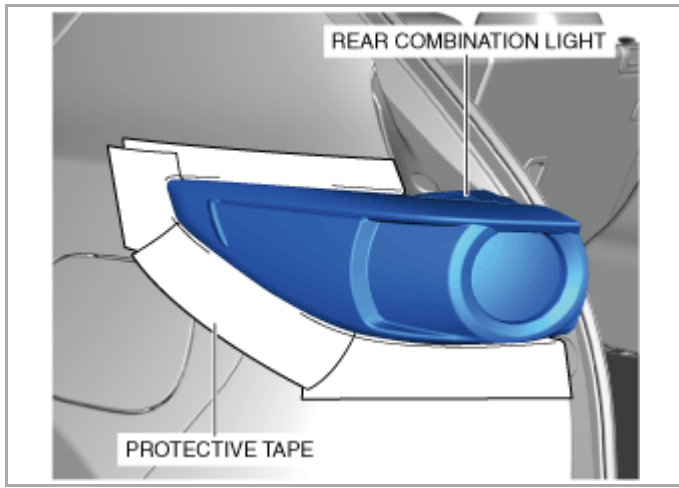
4. Disconnect the commander switch connector.

5. Disconnect the electric parking brake switch connector.

## Note

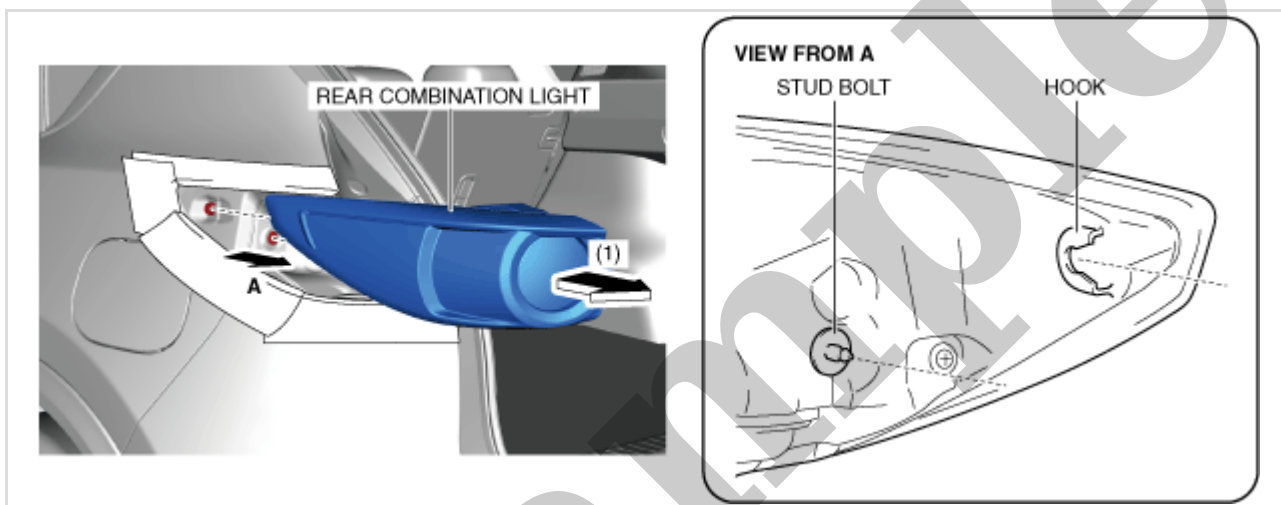
- When replacing the switch panel, remove the electric parking brake switch. (See [ELECTRIC PARKING BRAKE SWITCH REMOVAL/INSTALLATION.](#))
- When replacing the switch panel, remove the commander switch. (See [COMMANDER SWITCH REMOVAL/INSTALLATION.](#))

6. Install in the reverse order of removal.



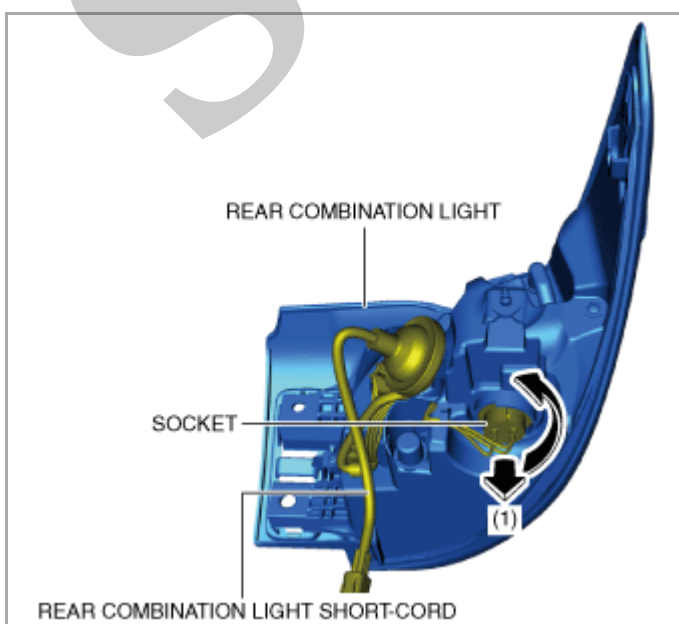
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7. Pull the rear combination light in the direction of arrow (1) shown in the figure and pull out the rear combination light from the body.

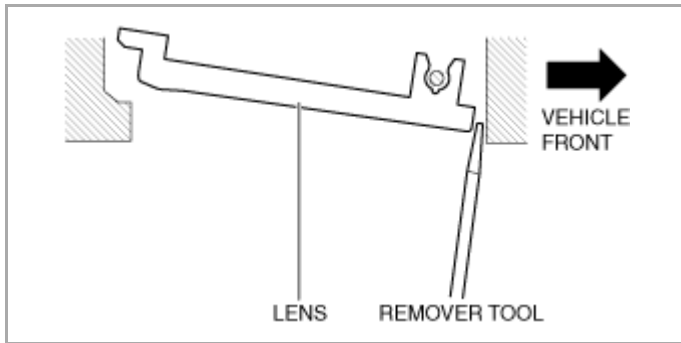


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8. Turn the socket counterclockwise and remove it in the direction of arrow (1) shown in the figure.

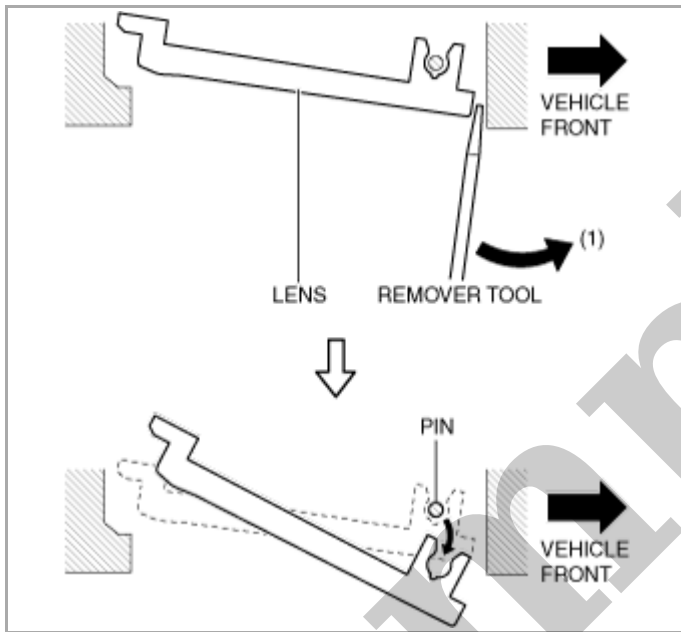


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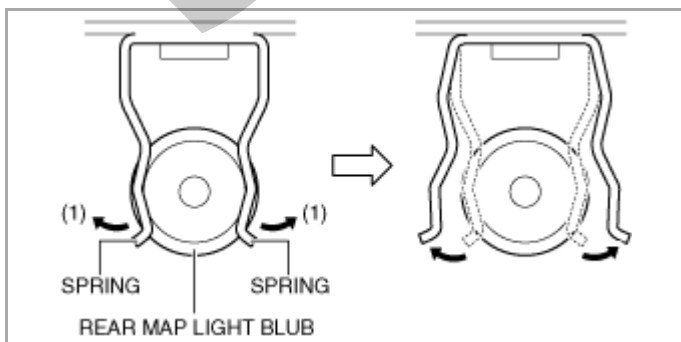
5. Move the remover tool in the direction of arrow (1) shown in the figure, pull out the lens from the pin.



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6. Remove the lens.

7. Widen the rear map light spring in the direction of the arrows (1) shown in the figure to detach the spring from the rear map light bulb.



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**Caution**

- If there is oil or dirt on the surface of the light bulb, excessive heat will build up and the life of the light bulb will be shortened. If the light bulb glass area is touched, wipe off any dirt using a soft cloth dampened with detergent diluted in water ( approx. 5 %).



# FRONT MAP LIGHT BULB REMOVAL/INSTALLATION

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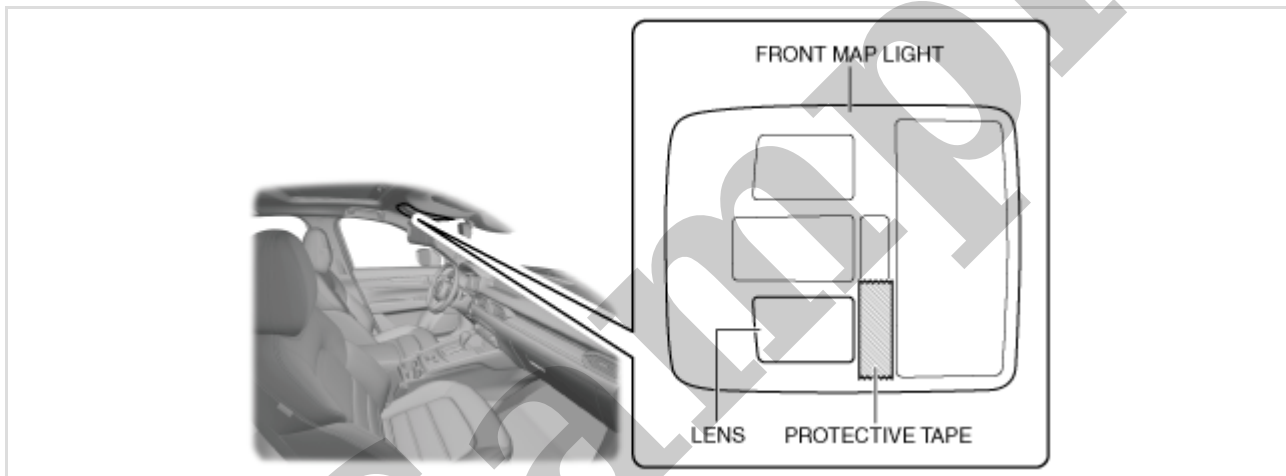
## Bulb Type

1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

### Caution

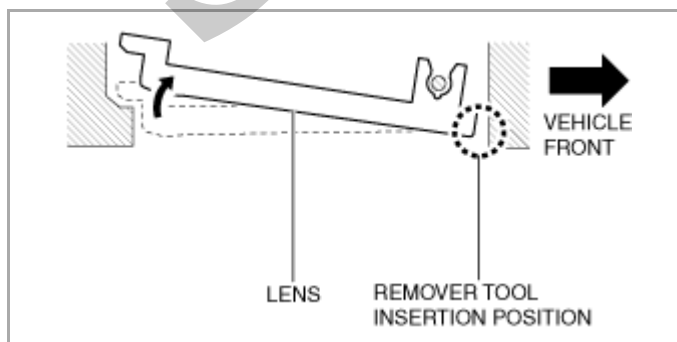
- When inserting the remover tool in the gap between the front map light and the lens, the remover tool could interfere with the front map light and scratch or damage it. When removing the lens from the front map light, apply protective tape to the front map light.

2. To prevent scratches or damage, affix protective tape to the position shown in the figure.



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3. Press the lens to assure a space for inserting the remover tool.



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4. Insert the remover tool into the gap between the front map light and the lens shown in the figure.

# REAR COMBINATION LIGHT SHORT-CORD INSPECTION

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1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

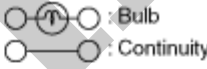
2. Remove the following parts.

1. Rear combination light (See [REAR COMBINATION LIGHT REMOVAL/INSTALLATION.](#))
2. Trunk board (See [TRUNK BOARD REMOVAL/INSTALLATION.](#))
3. Bass-box (with Bose®)(See [BASS-BOX REMOVAL/INSTALLATION.](#))
4. Sub-trunk (See [SUB-TRUNK REMOVAL/INSTALLATION.](#))
5. Trunk end trim (See [TRUNK END TRIM REMOVAL/INSTALLATION.](#))
6. Rear scuff plate (See [REAR SCUFF PLATE REMOVAL/INSTALLATION.](#))

3. Partially peel back the trunk side trim. (See [TRUNK SIDE TRIM REMOVAL/INSTALLATION.](#))

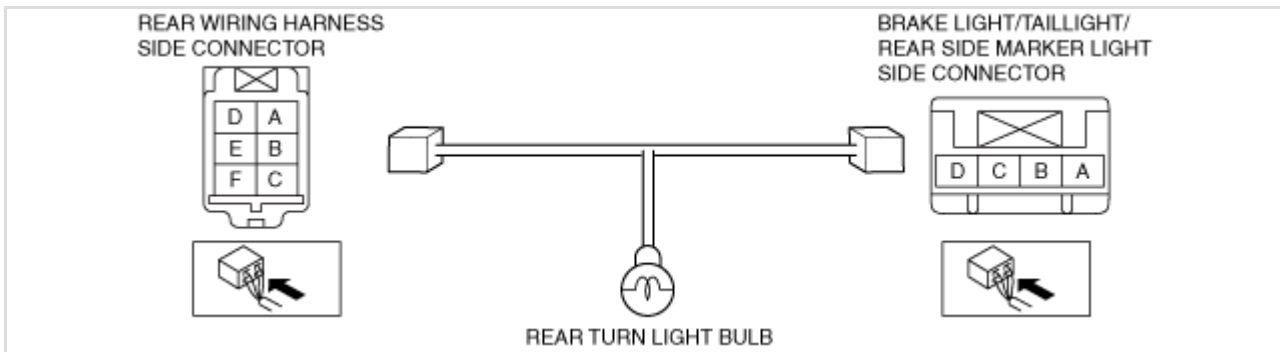
4. Remove the rear combination light short-cord. (See [REAR COMBINATION LIGHT SHORT-CORD REMOVAL/INSTALLATION.](#))

5. Verify that the continuity between the rear combination light short-cord terminals is as indicated in the table.


  
 ○—|—○ : Bulb  
 ○—○ : Continuity

Test condition	Rear wiring harness side connector terminal				Brake light/Taillight/ Rear side marker light side connector terminal			
	A	B	C	F	A	B	C	D
Under any condition	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○
	○	○	○	○	○	○	○	○

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- If not as indicated in the table, replace the rear turn light bulb or the rear combination light short-cord. (See [REAR TURN LIGHT BULB REMOVAL/INSTALLATION.](#)) (See [REAR COMBINATION LIGHT SHORT-CORD REMOVAL/INSTALLATION.](#))