

GENUINE FOG LAMP INSTALLATION KIT

Using (Installation) Instructions

Applicable model: MAZDA 5

Part Number : CC43 V7 230F / CD06 V7 230F / CC39 V7 230F / CC38 V7 230F
CC84 V7 230F / CC82 V7 230F / CC66 V7 230F / CC64 V7 230F
CC31 V7 230F / CC30 V7 230F / CC47 V7 230F / CC29 V7 230F
CC90 V7 225F / CC70 V7 225F

Thank you very much for buying the Mazda Genuine Parts.

Before removal and installation, you are expected to carefully read these instructions.

To use it in its best conditions, be sure to read thoroughly read these instructions for full Understanding of the contents and to properly use it.

<Cautions and Requests>

- ⚠ CAUTION and ⚠ WARNING marks shown in these instructions indicate safely precautions, which you are requested to strictly comply with during installation and use.

⚠ 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 in if the caution is ignored.

- Do not install the rear under spoiler in any way other than described in the following instructions.
- Do not modify the rear under spoiler.
- To ensure safety and reliability of the work, installation, removal and disposal work must be carried out by an authorized Mazda Dealership.
- If you have any questions about the use of the accessory, ask your Mazda dealer for proper advice before using it.
- We may not accept the liability for any problems that might have occurred due to incompliance with these instructions.
- Be careful not to lose removed parts, and be sure they are kept free from scratches, grease or other dirt.

To the dealer

Please turn over these instructions to the customer after installation.

To the customer

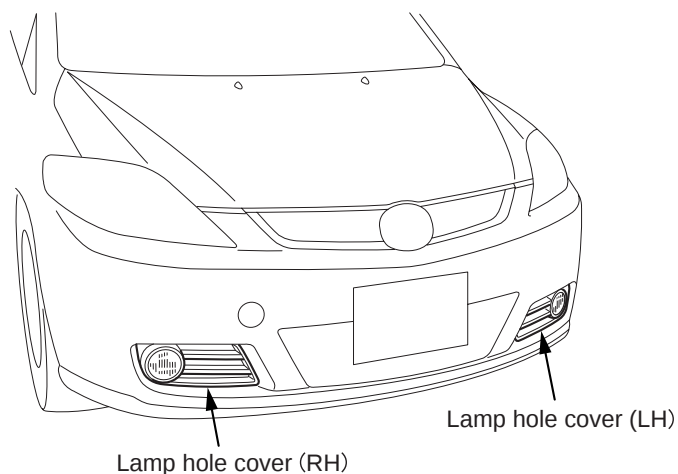
- Keep these instructions after installation. The instructions may be necessary for installing other optional parts or removal of this accessory.
- Should the vehicle or this accessory be resold, always leave these instructions with it for the next owner.

Mazda Motor Corporation

3-1, Shinch, Fuchu-cho, Aki-gun Hiroshima

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AS-COMPLETED VIEW



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COMPONENTS

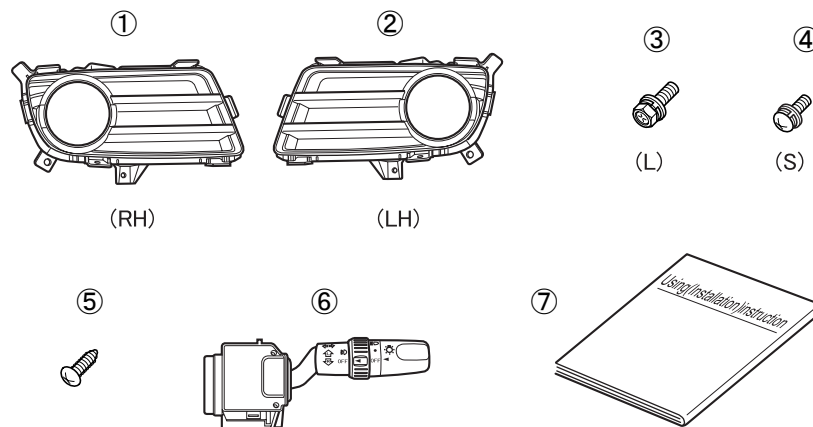


CAUTION

Make sure that there is no missing component based on the following parts list and check the components for any dirt, scratches or other damage.

No.	Part name	Q'ty	Part number
①	Lamp hole cover (RH)	1	_____
②	Lamp hole cover (LH)	1	_____
③	Bolt (L)	2	G22E-516H9
④	Bolt (S)	2	G22E-51695
⑤	Tapping screw	6	99865-0516
⑥	Fog lamp switch	1	_____
⑦	Using (Installation) Instructions	1	_____

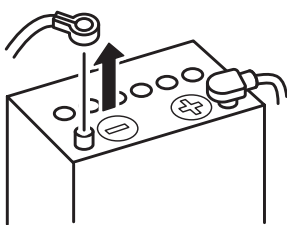
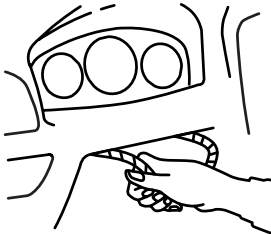
※③④⑤⑥: These parts are not enclosed in the kit of CC90-V7-225F and CC70-V7-225F.
Use the parts that are already installed.



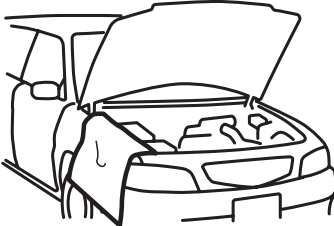
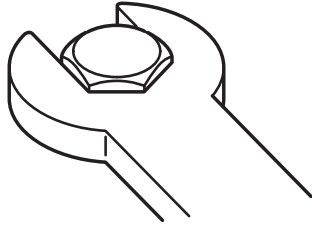
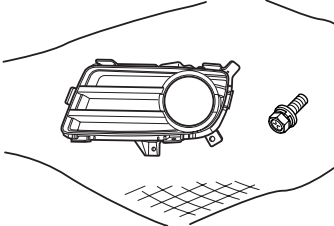
Tools used (Have them ready at hand before starting the work)

- ◆ Phillips type screwdriver
- ◆ Soft cloth.(Clean one)
- ◆ Socket wrench and torque wrench
- ◆ Protective tape (Masking tape)
- ◆ Flat blade screwdriver
- ◆ Protective sheet

WARNING

Disconnect the negative terminal of the battery before starting the work. Otherwise, electrification or injury caused by short-circuit accident may occur.	Hold the connectors when disconnecting/connecting them to ensure the disconnection / connection. Otherwise, accident or fire caused by breaking or contact failure may occur.	Avoid exercising excessive force when pulling a wiring harness. Otherwise, accident caused by breaking or short-circuit, electrification or fire may occur.
		

CAUTION

Use a mat or any other protective material when removing/installing components. Otherwise, breakage of components may occur.	Place the removed parts and components on a protective sheet or equivalent to avoid any damage on such parts / components.	Place the removed parts and components on a protective sheet or equivalent to avoid any damage on such parts / components.
		

Note

- Consult the service manuals for the vehicle for the instructions on the removal and installation of the vehicle components.

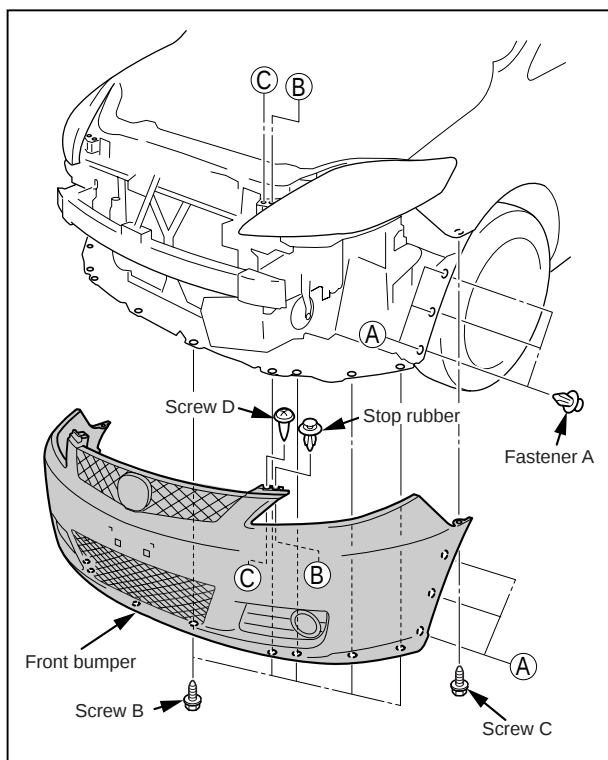
WARNING

- Make sure that operation is carried out on the level ground with the P range, parking brake and chock block set.

CAUTION

- When the negative terminal of the battery gets disconnected, the memory of clock, radio and trip counter will be erased. Record the memory contents before starting the work.
- Make sure to use torque wrench to the specified torque when tightening bolt, nut and screws. Otherwise, failure attachment, breakage or damage to components may occur.

REMOVING THE VEHICLE COMPONENTS

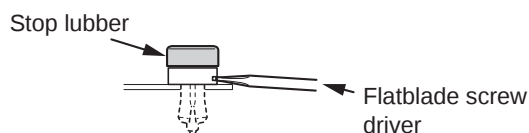


CAUTION

- Since the removed components are to be reused when reassembling, keep them in a manner that will tell where to be reinstalled.
- Place the removed bumper on the protective sheet to avoid any scratches.

Removing the front bumper

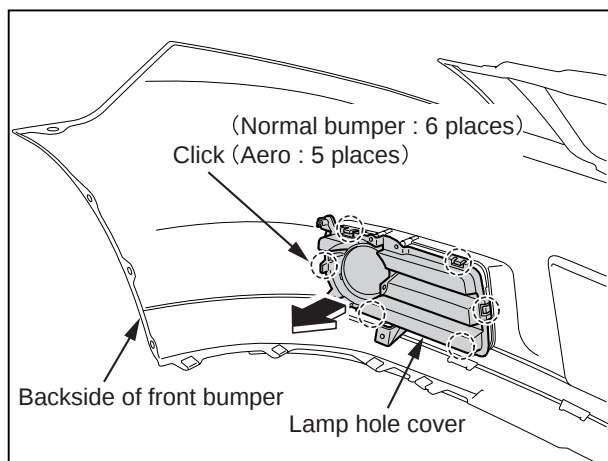
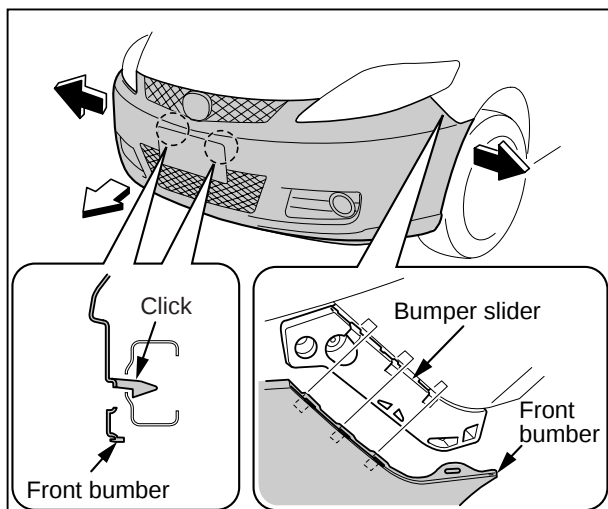
1. Disconnect the – cable of the battery.
2. Remove the fastener A (three for each of the left and right), screw B (five for each of the left and right), screw C (one for each of the left and right) and screw D (one for each of the left and right)
3. Remove the stop rubber (one for each of the left and right) by sliding flat blade screwdriver into the groove under the upper rubber.



4. Pull the rear edge of the front bumper outside to disconnect the front bumper from the bumper slider.
5. Separate the connection of the clicks (two places) of the front bumper

- Be careful not to drop down the front bumper when separate off the connection.

6. Separate off the fog lamp connector attached to hole cover.
7. Pull out the front bumper forward to remove from vehicle body.

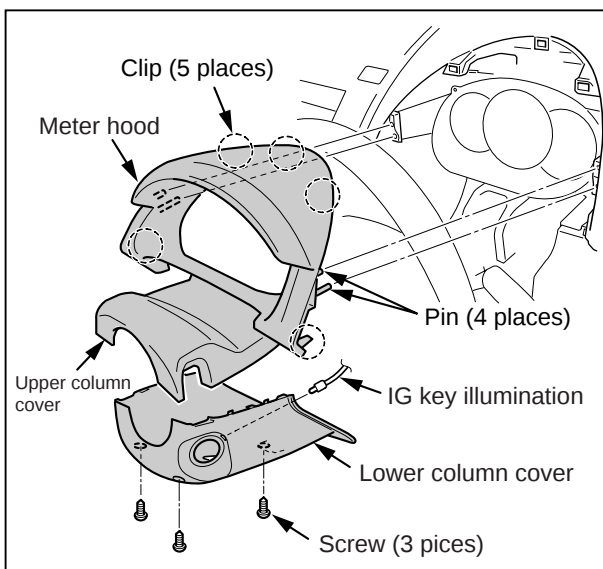


Removing Lamp Hole Cover

1. Separate off the connection of the click of lamp hole cover that is attached to the front bumper to remove the cover. (Use the same procedure for the right side)

Ref.

- The lamp hole cover removed from the vehicle body is not necessary for this kit.



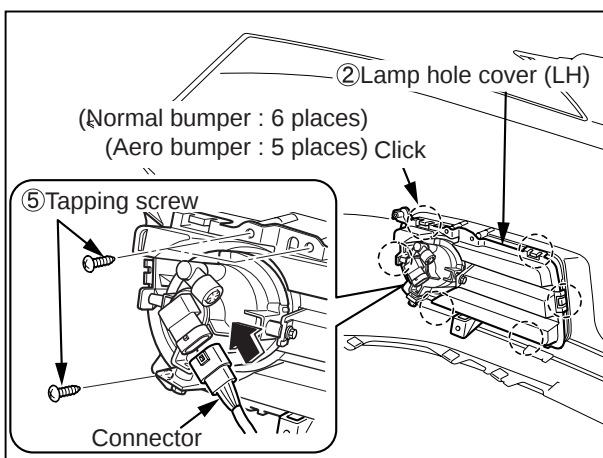
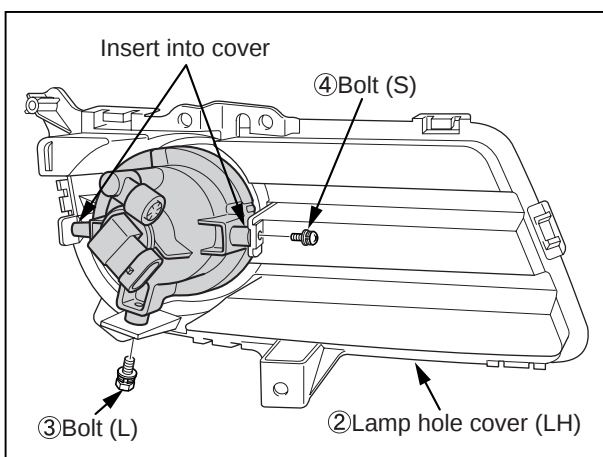
Removing meter hood and column cover

(These procedures are not needed for CC90-V7-225F and CC70-V7-225F)

1. Pull the upper column cover upward to disconnect from the lower column cover.
2. Separate the connection of clips(5 places) and pins(4 places) to separate off the meter hood.
3. Take out the screws (3 pieces) of the lower column cover.
4. Separate off the IG key illumination to remove the lower column cover.

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INSTALLING LAMP HOLE COVER



Ref.

- The procedures shown here is for the left side only. Use the same procedures for the right side.

Installing Fog Lamp

1. Bolt the fog lamp to ②Lamp hole cover using ③bolt (L) and ④bolt (S).

Tightening torque

③bolt (L) : 1.0~3.4N.m

④bolt (S) : 0.3~1.5N.m

2. Slide the click of ②Lamp hole cover (LH) into the clicking place of the front bumper.
3. Install the tapping screw (3 pieces).

Tightening torque

⑤Tapping screw : 0.3~1.5N.m



CAUTION

- Tighten the screws unfailingly to the specified torque. Otherwise, breakage or drop-down of the fog lamp may occur.

4. Install the fog lamp connector to the fog lamp.

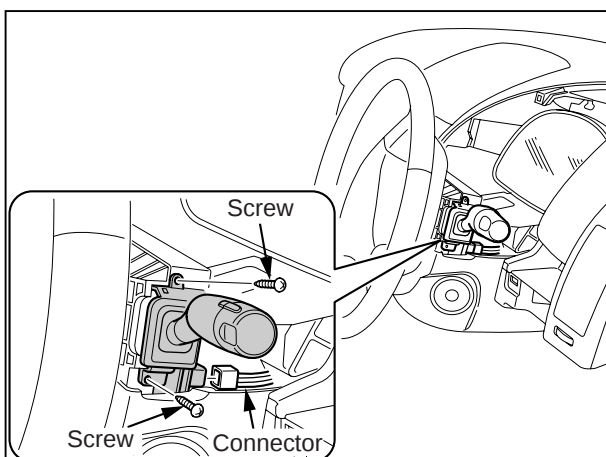


CAUTION

- Make sure there is no backlash between fog lamp and fog lamp valve.
- Insert and connect the harness solidly until the connector is locked.

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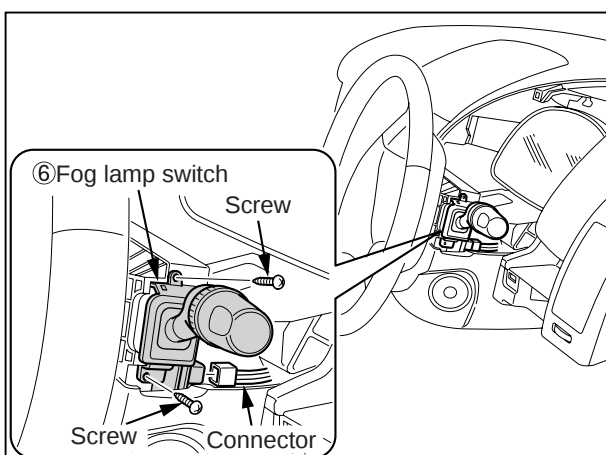
INSTALLING FOG LAMP SWITCH



Removing (existing) Light Switch

(These procedures are not needed for CC90-V7-225F and CC70-V7-225F)

1. Separate off the vehicle connector of light switch.
2. Take out the screws (2 pieces)
(These screws are reused when installing fog lamp switch)
3. Demount the light switch.
(Existing light switch will not be reused.)

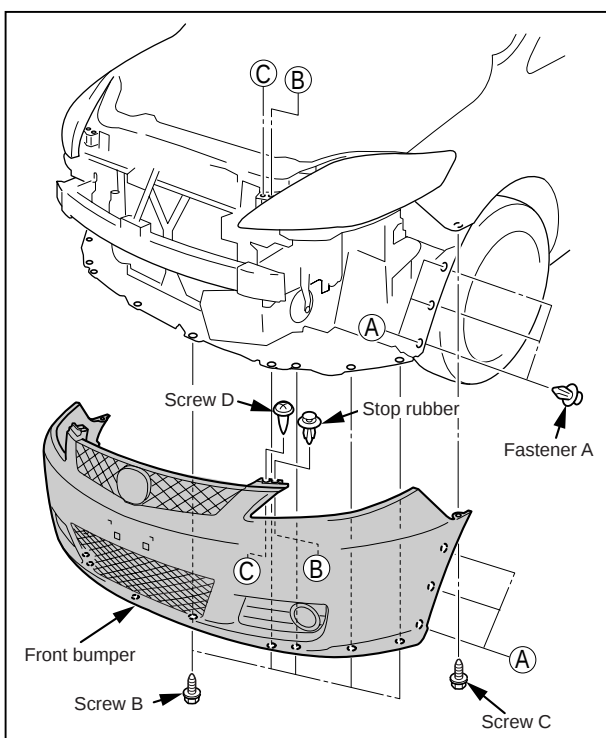


Installing Fog Lamp Switch

1. Connect the ⑥ fog lamp switch and vehicle connector.
2. Install the ⑥ fog lamp switch using screws.(2 pieces)

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RECONSTRUCT THE VEHICLE COMPONENTS



1. Do the reverse of 「4. Removing the vehicle components」 (P4) to install.

1. Meter hood and column cover
2. Front bumper

Tightening torque

Screw B : 1.0~1.5N.m

Screw C : 1.0~1.5Nm

Screw D : 6.9~9.8N.m

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OPERATION CHECK

- Connect the minus terminal after checking the wiring.



CAUTION

- When the connection to the battery is cut off, the electric window cannot open and close automatically. Restore the connection according to the procedures below.
 1. Position the engine switch at ON.
 2. Push the switch to open the window fully.
 3. Pull up the switch to close the window fully and keep pulling up for 2 seconds.

- Check the operation according to the procedures below.

<Procedures of operation check>

1. Position the switch of headlight at ON.
2. When fog lamp switch is on, fog lamp will be lit.
3. When fog lamp switch is off, fog lamp will be turned off.

NO



<Inspecting point in case of malfunction>

- Check for roll-in of harness.
- Check the connection situation of each connector.

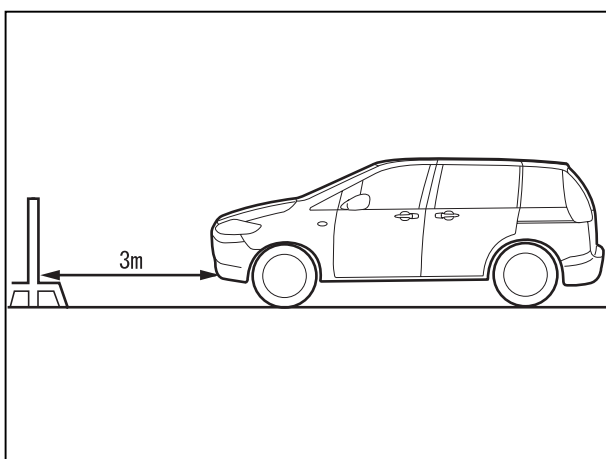


YES

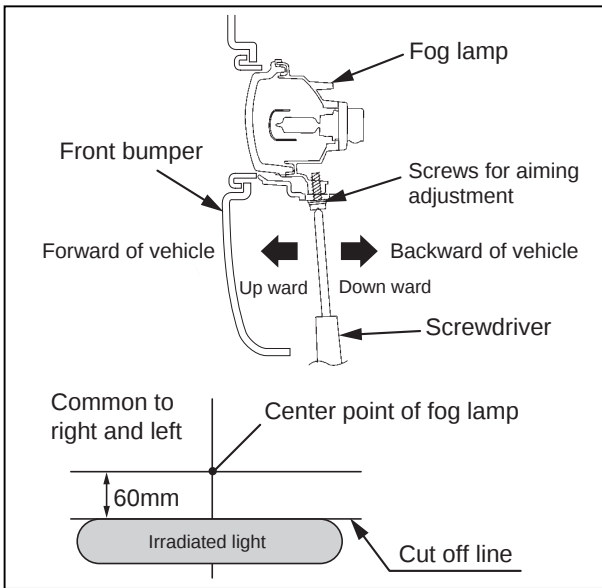
No trouble, the end of the work.

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AIMING ADJUSTMENT



1. Standardize the air pressure of tires.
2. Vacate the vehicle and park on the level ground.
3. One person gets in the car.
4. Confront the vehicle with the screen and set the screen 3 m away from the fog lamp.
5. Block off the light by setting something like partition in front of the fog light that is not adjusted.



6. Light the fog lamp.
7. Flip the mudguard.
8. Make a survey of the center position of mudguard, loosen the screws for aiming adjustment, and then tighten the screws with adjusting the cutoff line of the irradiated light coming to the areas shown in the figure.

Tightening torque

③ Bolt (L) :1.0~3.4N.m

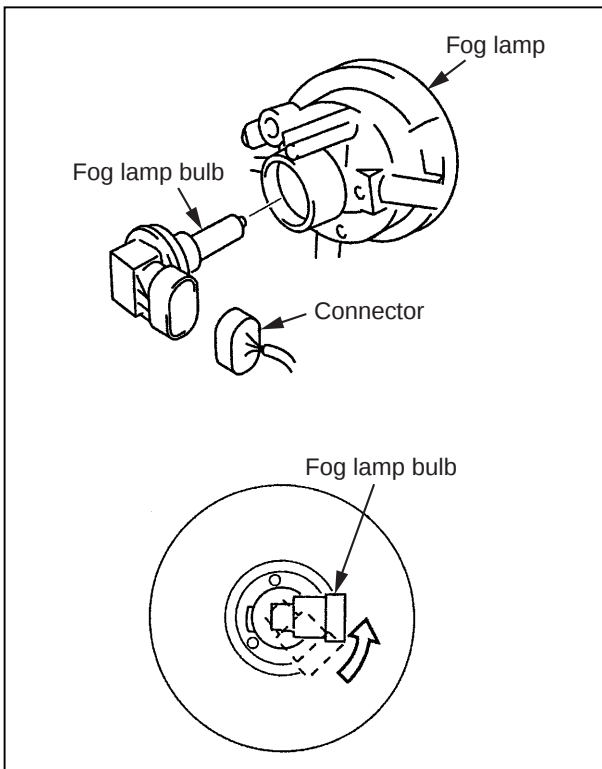


CAUTION

- Tighten the screws unfailingly to the specified torque. Otherwise, breakage or drop-down of the fog lamp may occur.

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HOW TO CHANGE FOG LAMP BULB



WARNING

- Use the specified bulb without fail. Otherwise, vehicle fire may occur.



CAUTION

- Please change the bulb at the specified agent.
- Use the fog lamp of part number **99703 7550 [H1112V55W]**
- Please hold the bulb of flange area, but do not touch the glass area of the bulb, which shorten the endurance of the bulb if the grease adheres the surface.

1. Disconnect the minus terminal of the battery.
2. Flip the mudguard.
3. Separate the connector from the fog lamp.
4. Remove the fog lamp bulb by turning it in the direction of arrow shown in the figure.
5. Install the new bulb in the reverse way of removing.
6. Connect the connector to the fog lamp.

Installation Inspection Sheet

[To be used by installation workshop]

MAZDA 5	FOG LAMP INSTALLATION KIT
	CC43 V7 230F / CD06 V7 230F CC39 V7 230F / CC38 V7 230F CC84 V7 230F / CC82 V7 230F CC66 V7 230F / CC64 V7 230F CC31 V7 230F / CC30 V7 230F CC47 V7 230F / CC29 V7 230F CC90 V7 225F / CC70 V7 225F

Inspection items after completion of the work

- Inspect the installed parts and removed and reinstalled parts according to the following items.

Section to be inspected	Inspection item (circle)					
	Gap/Fit & Finish	Scratches, stain and harness interference	Tightening & Engagement	Function of each mode	Aiming adjustment	Operation check
Fog Lamp (RH/LH)	○	○	○	○	○	○
Fog Lamp Switch	○	○	○	○		
Front Bumper	○	○	○			
Meter Hood and Column Cover	○	○	○			
Lamp Hole Cover (RH/LH)	○	○	○			

Fog Lamp Installation Kit installation inspection

Date (year/month/day):					
VIN: No.					
Approved		Checked		Prepared	

※ Retention period of the sheet: 3 months