

Service Information

Mazda Motor Corporation

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Category T	Repair Guidance	Ref. No. R090/13A	Page 1 of 5
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued November 7, 2013	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised July 2, 2014	
Applicable Model Mazda6 (GJ) Sedan		Applicable Countries or Specifications Europe, Russia	

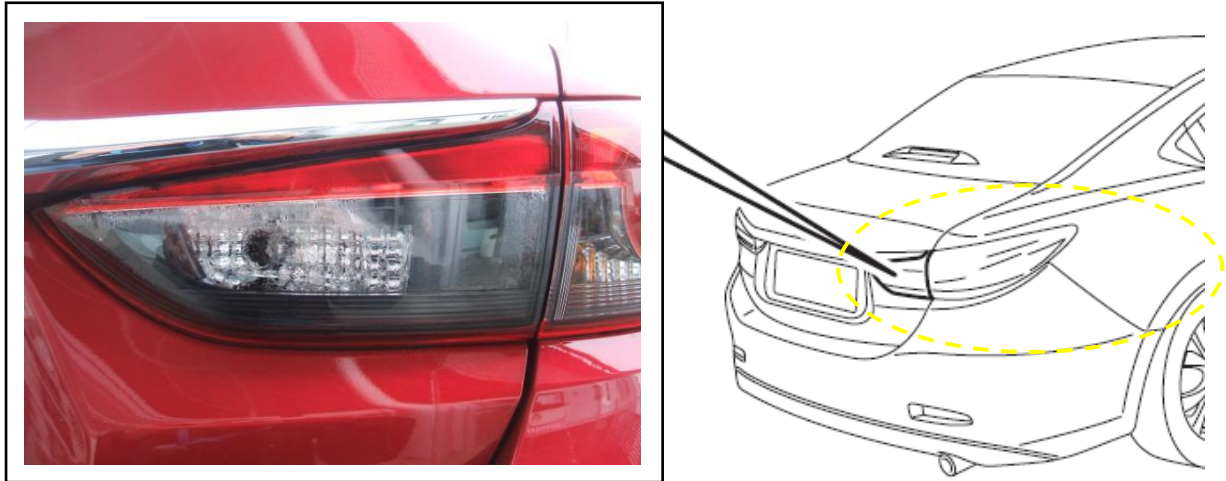
REVISED

Revision Note: MASS PRODUCTION CHANGE, BEGINNING VIN & DATE OF MODIFICATION, REPAIR PROCEDURE, PART INFORMATION, and WARRANTY INFORMATION have been revised.

Subject: Water Entry into Trunk Lid Light at high pressure car washing

DESCRIPTION

Some vehicles may exhibit a condition that water enters into the trunk lid light while washing the vehicle with a high pressure cleaner.



CAUSE

Water enters through the trunk lid light gasket and the body panel due to a lack of sealing performance against the usage of high pressure cleaner.

MASS PRODUCTION CHANGE

To improve sealing performance, the shape of trunk lid light gasket has been changed

BEGINNING VIN & DATE OF MODIFICATION

EU Spec.

JMZ GJ *** 163460 January 9, 2014**

REPAIR PROCEDURE

-OUTLINE-

Remove the trunk lid light and rinse the inner surface of the lens to remove water spots.

Have water spots been removed?

- YES - Install the original trunk lid light with a new modified gasket.
- NO - Replace the trunk lid light with a modified one. Use a new modified gasket.

-DETAILS-

1. Verify the symptom of customer concern whether it is "Water Entry" or "Dew Condensation".
In case of "Dew Condensation"
DO NOT replace the trunk lid light. Explain to the customer that this is a natural phenomenon and not a quality defect. Refer to the Service Information E006/09 "Foggy Lens (Condensation) of Headlight, Rear Combination Light and Other Lamps"
In case of "Water Entry"
Go to step 2.
2. Remove the trunk lid light from the vehicle according to the instructions in the Workshop Manual "TRUNK LID LIGHT REMOVAL/INSTALLATION".
3. Prepare 1.5 liter of hot water (around 40°C) per trunk lid light.
4. From the bulb installation hole, pour in just enough hot water (about 400cc) to cover the half level of trunk lid light.
5. Add one or two drop of neutral detergent in the trunk lid light.
NOTE: Use liquid type neutral detergent for dish/hand etc. washing only. DO NOT use alkali or acid type detergent.
6. Plug the bulb installation hole with your thumb then shake the trunk lid light in all directions as shown in the below figure to remove dirt adhering to the lens.

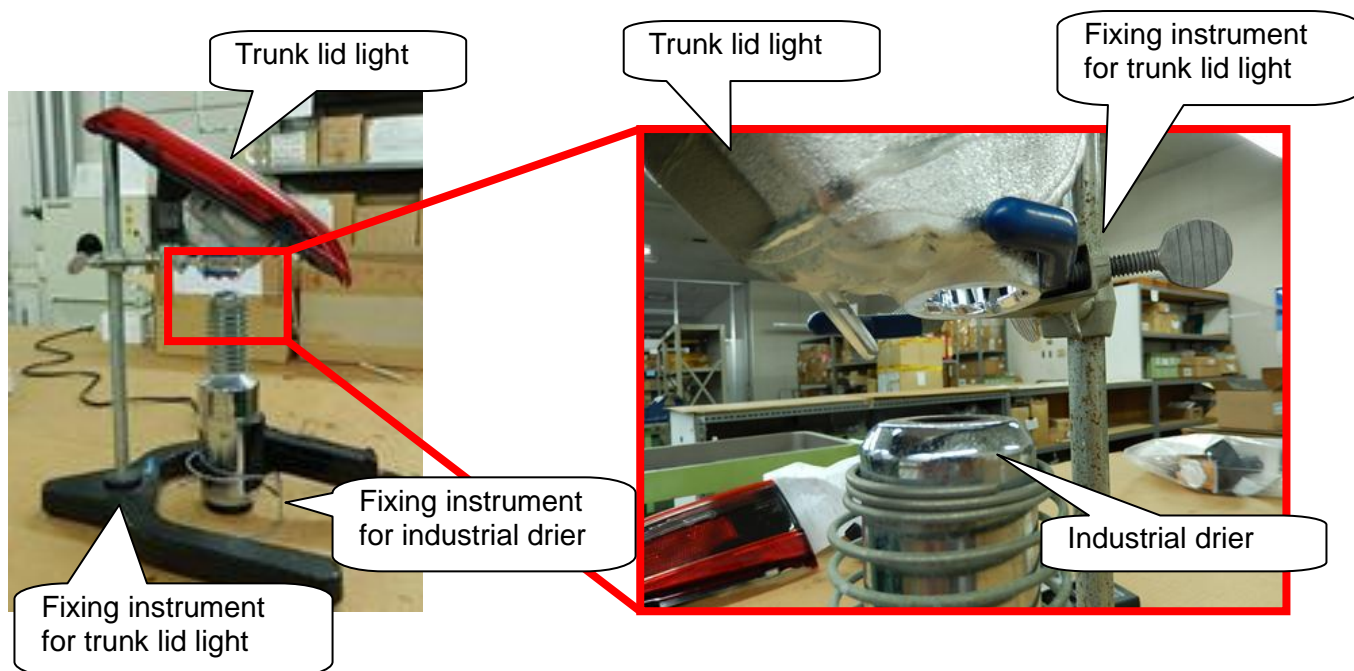


7. Rinse well the inside of the trunk lid light with hot water (around 40°C) until foam has disappeared.
8. Drain off the water and shake the trunk lid light well until there is no drop of water coming out.
9. Are water drops/dirt adhering to the inner surface of the lens removed?
 - YES - Proceed to STEP 10.
 - NO - Replace the trunk lid light with a new one. (Work is complete)

10. Position a drier facing the air outlet to the bulb installation hole of the trunk lid light. The below figures show the setup.

NOTE: Use an industrial drier.

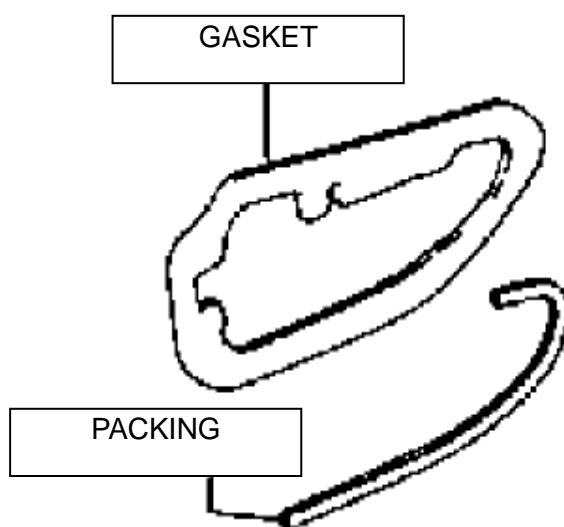
NOTE: In case where the drier and trunk lid light drying setup cannot be arranged due to non-availability of appropriate tools, replace the trunk lid light with a new one.



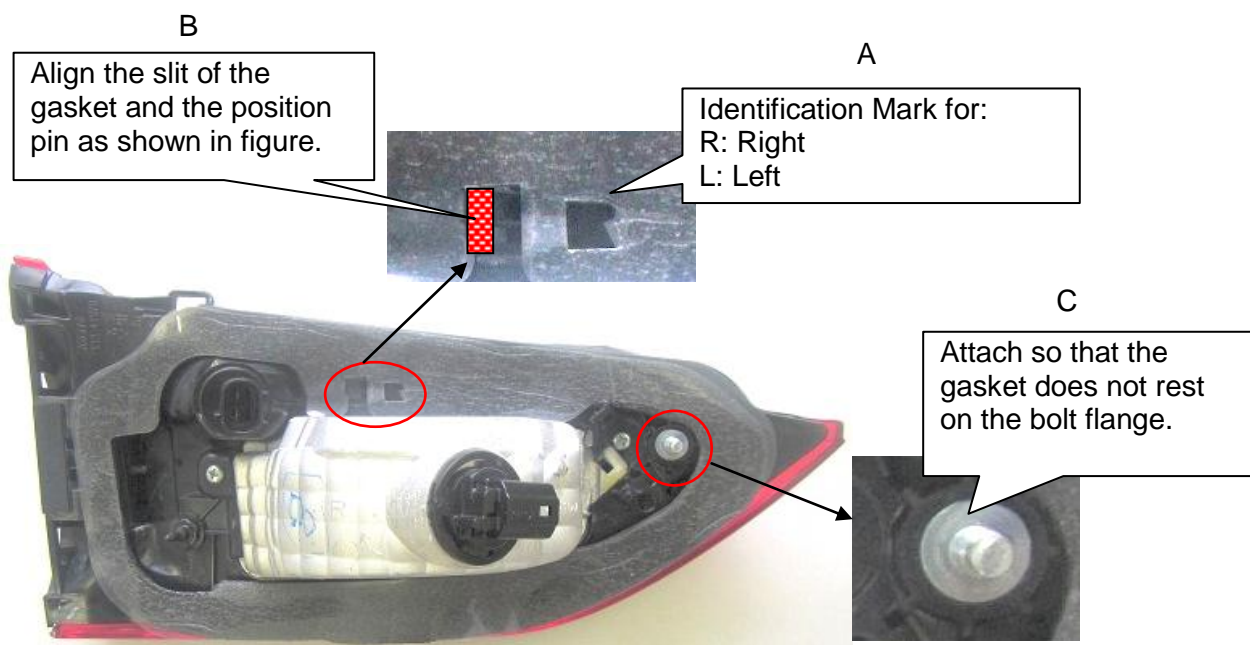
11. Turn on the drier and leave it for an hour blowing **cold** air to the trunk lid light.

NOTE: Use **cold** air only. Using hot air could deform the lens.

12. After the inner surface of the lens is dry, remove the gasket from the removed trunk lid light. Remove the packing as well if attached. Discard them.



13. Attach the gasket (modified service part) to the new trunk lid light.
Note: A double-sided adhesive tape is attached to both sides of the gasket. Peel off the release paper before attaching the gasket.
Note: Attach the gasket taking note of information A to C in the figure.
Note: It is not necessary to install the packing.



14. Peel off the release paper (at body panel side) from the gasket and install the trunk lid light to the vehicle according to the instructions in the Workshop Manual "TRUNK LID LIGHT REMOVAL/INSTALLATION".

PARTS INFORMATION

Part Number	Part Name	Q'ty	Remark
GHY1-51-3H8	GASKET (RH)	1	Newly established Service Part
GHY1-51-3J8	GASKET (LH)	1	
GHK1-51-3F0D	TRUNK LID LIGHT (RH)	1	Replace only when dirt to inner surface of the lens could not be removed by rinsing
GHK2-51-3G0D	TRUNK LID LIGHT (LH)	1	

WARRANTY INFORMATION

Assembly group	T – Body Electrical
Subassembly group	03 - EXTERIOR LIGHTING SYSTEM
Symptom Code	79
Damage Code	9F
Causal Part No.	GHY1-51-3H8 or GHY1-51-3J8
Q'ty	1
Operation No. & Labor Hours	<p>Rinsing and installing gasket</p> <p>XXK7GARX & 0.6H (One side) XXK7GBRX & 0.7H (Both sides)</p> <p>Note: If trunk lid lights (one side or both sides) should be replaced, <u>prior approval</u> is necessary.</p> <p>Rinsing and replacing trunk lid light (Inner surface of the lens could not be removed by rinsing.)</p> <p>with i-stop XXK7GCRX & 0.6H (One side) XXK7GCRX & 0.6H (Both sides)</p> <p>without i-stop XXK7GDRX & 0.5H (One side) XXK7GERX & 0.6H (Both sides)</p> <p>Replacing trunk lid light</p> <p>With i-stop XXJE3XRX & 0.4H (One side) XXJE4XRX & 0.5H (Both sides)</p> <p>Without i-stop XXJE5XRX & 0.3H (One side) XXJE6XRX & 0.4H (Both sides)</p>
Period Covered	Normal warranty period

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2D31212023 (MC Internal Use)