

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: IMPROPER FRONT PARKING SENSOR OPERATION IN HEAVY RAIN	Bulletin No.: 15-004/19
	Last Issued: 09/27/2019

APPLICABLE MODEL(S)/VINS

2018-2019 Mazda6 vehicles with VINs lower than JM1GL*****510711 (produced before Aug. 6, 2019)

DESCRIPTION

Some customer's may complain that In heavy rain, the front parking sensor system detects objects despite nothing being in front of the vehicle, and no related DTCs are stored. This may be caused by the ultrasonics diffusing inside when the front parking sensors get wet. As a result, the parking assist unit mistakenly detects objects near the front of the vehicle. To correct this issue, the detecting logic in close range has been improved.

Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Replace the parking assist unit with modified one according to the instruction on MGSS (PARKING ASSIST UNIT REMOVAL/INSTALLATION).

NOTE: Explain to the customer that even with the improved parking assist unit, the same symptom may occur during heavy rain due to the characteristics of the sensor. Refer the customer to "Parking Sensor System" in the owner's manual.

3. Verify repair.

PARTS INFORMATION

Parts Number	Description	Qty.
G52M-67-UU0B	Parking Assist Unit	1

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

WARRANTY INFORMATION**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	64
Damage Code	9W
Part Number Main Cause	G52M-67-UU0B
Quantity	1
Operation Number / Labor Hours:	XXR9LXRX / 0.3 Hrs.

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.