

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: INTERMITTENT BATTERY DISCHARGE CAUSED BY C-22/C-23 CONNECTOR CORROSION FROM WATER	Bulletin No.: 09-014/26
	Last Issued : 04/29/2026

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2023-2026 CX-50 (All)

DESCRIPTION

Some vehicles may experience intermittent battery discharge. This may be caused by improperly installed door boots allowing water to enter into the central connectors C-22/C-23 (located near the A-pillar at the base of the left and right front doors), leading to corrosion in the connector.

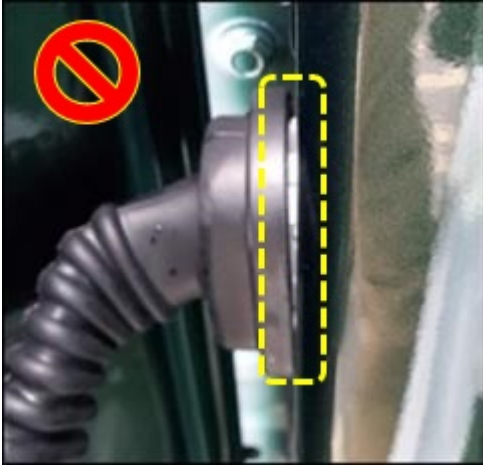
Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Check the following status and follow the procedures in the table below.

I. Are the door boots installed properly? NOTE: Refer to Figure 1 (improperly installed door boot).	YES: This TSB does not apply. Look for other issues causing battery discharge.
	NO: Go to next step (II).
II. Is there any corrosion or moisture on connector C-22 or C-23? NOTE: Refer to Figure 2.	YES: Go to Step 3.
	NO: Go to next step (III).
III. Is the parasitic draw (dark current) within 60 mA? Refer to Back-up Current Inspection in BATTERY INSPECTION.	YES: Go to Step 4.
	NO: Look for other issues causing excessive parasitic draw.

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.



The boots are lifted off (improperly installed)
Figure 1



Figure 2

3. Replace the rear harness and the affected door harness with new ones, making sure to properly install the door boots. Then go to next step.
4. Verify the repair, then charge the battery and return the vehicle to the customer.

PARTS INFORMATION

Parts Number	Description	D-Code	Qty.	Notes
****-67-050*	Harness, Rear	67050	1	Only the affected side
****-67-190*	Harness, Door-Driver Side	67190J	1	
****-67-200*	Harness, Passenger-Driver Side	67200D	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 California Emission Warranty (Long term), HEV is not applicable. GHG Emissions Regulation Remote Power Window Operation Defect Warranty is applicable for model years 2023 through 2025.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	20
Damage Code	9R
Part Number Main Cause	7777-SP-A17
Quantity	0
Operation Number / Labor Hours:	If the rear harness and the door harness have been replaced; XXX6FARX / 9.9 Hrs. (One side) XXX6FBRX / 10.2 Hrs. (Both sides)

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.