

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Senior Manager, Vehicle Compliance and Analysis, Engineering Services
RE: Service Campaign Launch Notification Update Power Electronics Control Unit Software - Front Axle MY22-24 EQB (243 platform)	DATE: November 17, 2023

IMPORTANT SERVICE CAMPAIGN LAUNCH

Please note that all customer inquiries should be directed to the Customer Assistance Center at 1-800-FOR-MERCEDES (1-800-367-6372).

Sincerely,

Gregory Gunther

Senior Manager, Vehicle Compliance & Analysis



Service Campaign Launch Notification		November 17, 2023
Campaign No. :	Campaign Desc. :	Update Power Electronics Control Unit Software - Front Axle
2023110004	23P3490004	
<p>This is to notify you of the Service Campaign Launch to update the Power Electronics Control Unit Software - Front Axle, in 11,040 Model Year (“MY”) 2022-2024 EQB (243 platform) vehicles. The vehicles will be visible and flagged in VMI as “OPEN” on November 17, 2023.</p>		
Background		
Issue	Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has released a software update for certain MY 2022-2024 EQB (243 platform) vehicles that increases the robustness of the electronic drive unit (eATS), the battery management system (BMS), and DC charging (DCB).	
What We’re Doing	MBUSA will conduct a service campaign. An authorized Mercedes-Benz dealer will update the Power Electronics Control Unit software - Front Axle, on the affected vehicles.	
Parts	The remedy is available and can be performed as necessary.	
Vehicles Affected		
Vehicle Model Year(s)	2022-24	
Vehicle Model	EQB	
Vehicle Populations		
Total Campaign Population	11,040	
Next Steps/Notes		
Customer Notification Timeline	Customer will receive a notification.	
AOMS/SOMS	AOMs – This campaign may generate questions from your dealers.	
<p>While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.</p>		



Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2023110004, November 2023

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model EQB (243 platform)**
Model Year 2022-2024

Update Power Electronics Control Unit Software - Front Axle

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has released a software update for certain MY 2022-2024 EQB (243 platform) vehicles that increases the robustness of the electronic drive unit (eATS), the battery management system (BMS), and DC charging (DCB). An authorized Mercedes-Benz dealer will update the Power Electronics Control Unit software.

Prior to performing this Campaign:

- **VMI must be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.**
- Please review the entire Campaign bulletin and follow the repair procedure exactly as described.

Approximately 11,040 vehicles are affected.

Order No. P-SC-2023110004

Service Campaign Bulletin

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Update Power Electronics Control Unit Software - Front Axle

- i** • Always use the **latest** XENTRY Diagnosis software release with all available add-ons.
 - Follow the operation steps exactly as described in XENTRY Diagnosis.
 - Use a charger to ensure sufficient power supply to the vehicle's **on-board electrical system battery** (greater than 12.5 V).
 - If XENTRY Diagnosis is already connected to the vehicle, start with **Work Procedure - Step 2**.
- i** If two or more software updates or SCN codings are performed during a single workshop visit, operation items **02-4762** and **02-5058** may be invoiced **only on one of the workshop orders**.

Work Procedure

1. Connect XENTRY Diagnosis.
2. Update **power electronics control unit software at front axle (SG-LE-VA)**.
 - i** To do this, select menu item "Quick test view → **Control unit N129/1 - power electronics of front axle (SG-LE-VA)** → Adaptations → Control unit update → Update of control unit software".
 - i** Then follow the user guidance in XENTRY Diagnosis.
3. Disconnect XENTRY Diagnosis.

i **Note:** *The following allowable labor operation should be used when submitting a warranty claim for this repair:*

Warranty Information

Damage Code	Operation Number	Description	Labor Time (hrs.)
34 900 04	02-9334	Update power electronics control unit software at front axle (SG-LE-VA) (with XENTRY Diagnosis connected)	0.1
	02-4762*	Connect/disconnect diagnostic system (XENTRY Diagnosis)	0.1
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1

* Invoice operation items only on one of the workshop orders, if two or more software updates or SCN codings are performed during a single workshop visit.

i **Note:** *Always check Xentry Operation Time (XOT) for the current OP-Code times. Labor times are subject to change and updates may not be reflected in this document.*