

ATTENTION: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers & Parts Managers

Recall Launch Notification

June 12, 2025

Campaign #	CA DMV #	Description	Update Engine Control Unit Software (Air-to-Fuel Ratio)
2025040001	250401	25P5496502	

Campaign Details

Total Recall Population	9,483	Model(s)/ Platform(s)	C-Class, G-Class (206, 463)
Vehicles in Dealer Inventory	N/A		
Model Year(s)	2023 - 2024		
Issue	Mercedes-Benz AG, the manufacturer of Mercedes-Benz vehicles, has determined that on certain subject vehicles, the engine control software might not meet current specifications. As a result, the diagnosis routine for monitoring the air-fuel ratio might not be activated as intended and a malfunction in the oxygen sensor could be erroneously detected causing the “check engine” Malfunction Indicator Lamp (“MIL”) to illuminate.		
What We’re Doing	MBUSA will conduct a voluntary emissions recall. An authorized Mercedes-Benz dealer will update the engine control unit software.		
Remedy	The remedy software is available and can be performed at this time.		
Launch Date	Affected VINs will be flagged in VMI as “OPEN” on Friday, June 13, 2025.		
Approximate Customer Notification Date	Friday, June 27, 2025		
Warranty Claim Notice	Please note the campaign will close after the warranty claim has been submitted. This change can take at least one-day to reflect in NetStar VMI.		

Notice to California Dealers: As required by 13 CCR 2117, a proof of correction (“POC”) certificate showing that the vehicle has been repaired under this recall must be issued by the authorized service facility, and that such a certificate may be required by California as a condition of vehicle re-registration or operation. Please reference this POC in the attached work instructions. Failure to complete this step may result in fines and penalties and lead to customer dissatisfaction.

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 Care Center at 1-800-FOR-MERCEDES.



Recall Campaign Bulletin



Mercedes-Benz

June 2025

TO: ALL MERCEDES-BENZ CENTERS

CAMPAIGN NO.	2025040001
CAMPAIGN DESC.	24P5496502
NHTSA ID	250401
SUBJECT	Update Engine Control Unit Software (Air-to-Fuel Ratio)
MODEL(S)	C-Class and G-Class (206 and 463 platform)
MODEL YEAR(S)	2023
CAMPAIGN POPULATION	9,483

Campaign Technical Instructions

Prior to performing this Campaign:

Check the Vehicle Master Inquiry (VMI) to verify this campaign applies to the specific vehicle.

Always check for other open campaigns and perform them accordingly!

Review the entire campaign bulletin first, and perform the procedures exactly as described.

Order No. P-RC-2025040001

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- 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 battery system** (greater than 12.5 V).
- If XENTRY Diagnosis is already connected to the vehicle, start with **Work Procedure Step 2**.

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 **Engine Control Unit** software.

i To do so, select menu item "Quick test view → **N3/10 – Motor electronics ‘MED1775’ for combustion engine ‘M176’ or ‘M177’ (ME)** → Adaptations → Control unit update → Updating of the control unit software".

i Then follow the user guidance in XENTRY Diagnosis.

3. Disconnect XENTRY Diagnosis.

Warranty Information

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

Damage Code	Operation Number	Description	Labor Time (hrs.)
54 965 02	02-9334	Update N3/10 – Motor electronics (ME) control unit software (with XENTRY Diagnosis connected)	0.1
	02-4762*	Connect/disconnect diagnosis system (XENTRY Diagnosis)	0.1
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1

* Invoice operation item only once for each Repair Order (RO).

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.

i The following step applies to California dealers only.

Apply Proof of Correction Label (A 000 584 54 13) to area identified in **Figure 1**. Fill in the blank areas of the label. The “**Campaign No.**” for the California Proof of Correction is unique and must be entered as such (250401), your “**Dealer Code**”, and the “**Date**” of the repair, using a black permanent marker.

i Note: Clean bonding surface prior to affixing label.



Figure 1

i The following step applies to California dealers only.

Provide the owner with the completed and signed Proof of Correction Certificate (A 000 584 42 14) (**Figure 2**), after you scan a completed form and attach to the RO. The recall number for the California Proof of Correction Certificate is unique and must be entered as such (250401).

Figure 2

California Proof of Correction Parts Information

Qty.	Part Name	Part Number
1	Proof of Correction Certificate (CA Dealers Only)	A 000 584 42 14
1	Proof of Correction Label (CA Dealers Only)	A 000 584 54 13

Warranty Information (California dealers please submit claim on a separate line of the same RO as the campaign)

Damage Code	Operation Number	Description	Labor Time (hrs.)
212CA 00	02-0001	Apply Proof of Correction Label and completed Proof of Correction Certificate	0.1