

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

Service Campaign Notification

April 17, 2025

Update Engine Control Unit Software

Campaign #	Description
2025040004	24P5496440

Campaign Details

Total Recall Population	83	Model(s)/ Platform(s)	C-Class, SL (206, 232 platforms)
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 unit software may not correspond with current production specifications. There is a possibility that the dynamic driving profile may not be accurately calculated, which could possibly lead to an unsuccessful diagnostic routine for the lambda sensors.		
Remedy	MBUSA will conduct a service campaign. An authorized Mercedes-Benz dealer will update the engine control unit software.		
Launch Date	Affected VINs will be flagged as "OPEN" in VMI on Thursday, April 17, 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.		

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.



Service Campaign Bulletin



Mercedes-Benz

April 2025

TO: ALL MERCEDES-BENZ CENTERS

CAMPAIGN NO.	2025040004
CAMPAIGN DESC.	24P5496440
SUBJECT	Update Engine Control Unit Software
MODEL(S)	C-Class and SL (206 and 232 platform)
MODEL YEAR(S)	2023 – 2024
CAMPAIGN POPULATION	83

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-SC-2025040004

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- 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 battery system** (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 **Engine Control Unit** software.

i To do this, select menu item "Quick test view → **N3/10 – Motor electronics 'MRG2AMG' for combustion engine 'M139' (ME)** → Adaptations → Control unit update → Updating of 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.)
54 964 40	02-9334	Update N3/10 – Motor electronics (ME) control unit software (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 item only once for each workshop 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.*