

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Department Manager, Vehicle Compliance and Analysis, Engineering Services
RE: <b>Emission Service Campaign 2023060005 Launch Notification</b> <b>Perform SCN Coding for Engine Control Unit</b>	DATE: December 12, 2023

## IMPORTANT NEW EMISSION SERVICE CAMPAIGN INFORMATION

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

Sincerely,

Gregory Gunther

Department Manager, Vehicle Compliance & Analysis



<b>Service Campaign Launch Notification</b>		<b>December 12, 2023</b>
<b>Campaign No. :</b>	<b>Campaign Desc. :</b>	<b>Perform SCN Coding for Engine Control Unit</b>
<b>2023060005</b>	<b>23P5492019</b>	
<p>This is to notify you of an <b>Emission Service Campaign</b> launch to update the SCN coding for SCR and VGS on <b>3,704</b> Model Year ("MY") 2009-2012 ML-Class, R-Class, and S-Class (164/166, 251, 221 platforms) vehicles. The vehicles will be visible and flagged in VMI as "OPEN" on <b>December 12, 2023</b>.</p>		
<b>Background</b>		
<b>Issue</b>	<p>Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2009-2012 GL-Class, ML-Class, R-Class, and S-Class (164/166, 251, 221 platforms) vehicles, the coding for the engine control unit does not correspond to the specifications as part of the "BlueTEC update" diesel field measure (aka "Emission Modification"). This could result in the VIN number not being read out from the vehicle. This could affect the vehicle smog check.</p>	
<b>What We're Doing</b>	<p>MBUSA will conduct an Emission Service Campaign in which an authorized Mercedes-Benz dealer will update the SCN coding for the engine control unit on the affected vehicles.</p>	
<b>Parts</b>	<p><b>Parts are not required for this campaign since the remedy is software based</b></p>	
<b>Vehicles Affected</b>		
<b>Vehicle Model Year(s)</b>	2009-2012	
<b>Vehicle Model</b>	GL-Class, ML-Class, R-Class, S-Class	
<b>Vehicle Population</b>		
<b>Total Campaign Population</b>	3,704	
<p>While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Approximately two weeks after the posting of this NCU, a letter will be sent to owners notifying them of this emission service campaign. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.</p>		



# Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2023060005, December 2023

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model Various Models**  
**Model Year 2009-2012**

## **Perform SCN Coding for Engine Control Unit**

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2009-2012 GL-Class, ML-Class, R-Class, and S-Class (164/166, 251, 221 platforms) vehicles, the coding of the engine control unit does not correspond to the specifications as part of the "BlueTEC update" diesel field measure. This could result in the VIN number not being read out from the vehicle. This could affect the vehicle smog check. This situation does not have any additional technical implications for the vehicle. MBUSA will conduct an Emission Service Campaign in which an authorized Mercedes-Benz dealer will update the SCN coding for the engine control unit on the affected vehicles.

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 3,704 vehicles are affected.

Order No. P-SC-2023060005

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## Perform SCN Coding for Engine Control Unit

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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 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.

**i** **DAS screen (model 164; 221; 251)**

2. Perform SCN coding in **engine** control unit.

**i** To do this, select menu item "Quick test view – CDI60LS Common rail diesel injection – Control unit adaptations - Variant coding –SCN coding".

**i** Then follow the user guidance in XENTRY Diagnosis.

**i** **XENTRY screen (model 166)**

3. Perform SCN coding in **engine** control unit.

**i** To do this, select menu item "Quick test view - N3/9 engine electronics CDI60LS – Adaptations - Control unit update – Updating of SCN coding".

**i** Then follow the user guidance in XENTRY Diagnosis.

4. Disconnect XENTRY Diagnosis.
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**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.)
54 920 19	02-9446	Perform SCN coding in engine control unit (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 order.

**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.*