

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: Emission Service Campaign 2023060006 Launch Notification Perform Injector Coding	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



Service Campaign Launch Notification		December 12, 2023	
Campaign No. :	Campaign Desc. :	Perform Injector Coding	
2023060006	23P5492018		
<p>This is to notify you of an Emission Service Campaign launch to update the SCN coding for SCR and VGS on 570 Model Year ("MY") 2012 S-Class (221 platform) vehicles. The vehicles will be visible and flagged in VMI as "OPEN" on December 12, 2023.</p>			
Background			
Issue	Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2012 S-Class (221 platforms) vehicles, the injector codes might no longer be stored in the engine control unit software after installation of the Approved Emission Modification (AEM). The cached injector code may have been lost due to a communication error during installation of the AEM. Customers may experience the MIL illumination or in rare cases, increased engine noise or rough running.		
What We're Doing	MBUSA will conduct an Emission Service Campaign in which an authorized Mercedes-Benz dealer will recode the correct injector codes to the engine control unit on the affected vehicles		
Parts	Parts are not required for this campaign since the remedy is software based		
Vehicles Affected			
Vehicle Model Year(s)	2012		
Vehicle Model	S-Class		
Vehicle Population			
Total Campaign Population	570		
<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. 2023060006, December 2023

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class (221 platforms)**
Model Year 2012

Perform Injector Coding

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2012 S-Class (221 platforms) vehicles, the injector codes might no longer be stored in the engine control unit software after installation of the Approved Emission Modification (AEM). The cached injector code may have been lost due to a communication error during installation of the AEM. Subsequently, during the renewed run of the AEM, no injector code could be read and therefore no code was stored in the engine control unit.

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 570 vehicles are affected.

Order No. P-SC-2023060006

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Perform Injector Coding

- 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**.

Check/test procedure

1. Connect XENTRY/DAS Diagnosis.
2. Check the injection quantity adjustment values of fuel injectors.
 - i** To do this, select menu item "Control units – Drive – CDI 60LS–Common Rail Diesel Injection - Actual values – Fuel system – “Adjustment of Injector injection quantity ”.
 - i** The injection quantity adjustment values of fuel injectors in XENTRY may **not** start with "**AAAA....**".
 - a. Entries start with "**AAAA....**": Carry out **work procedure**.
 - b. Entries do **not** start with "**AAAA....**": **End measure**.

Work Procedure

1. Remove air filter housing on left and right.
For basic data, see AR09.10-P-1150SXI.
2. Read off injection quantity adjustment values (codings) at all six fuel injectors (**Figure 1**) and enter adjustment values in the respective field (**Figure 2**).

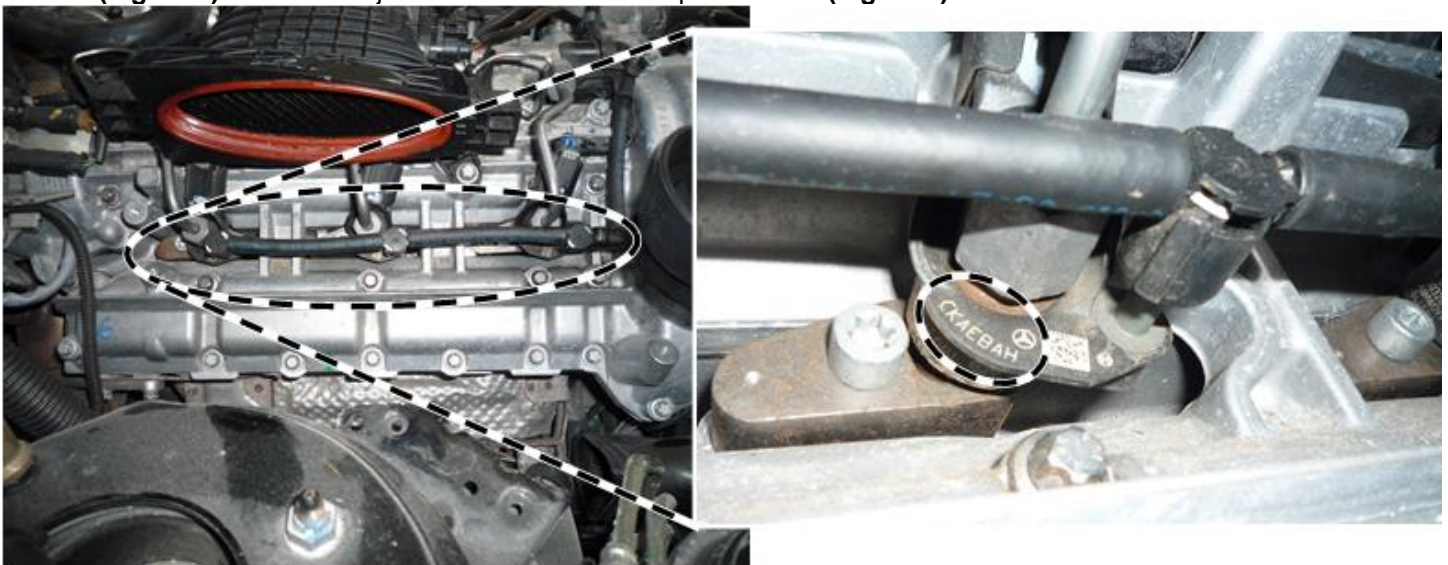


Figure 1

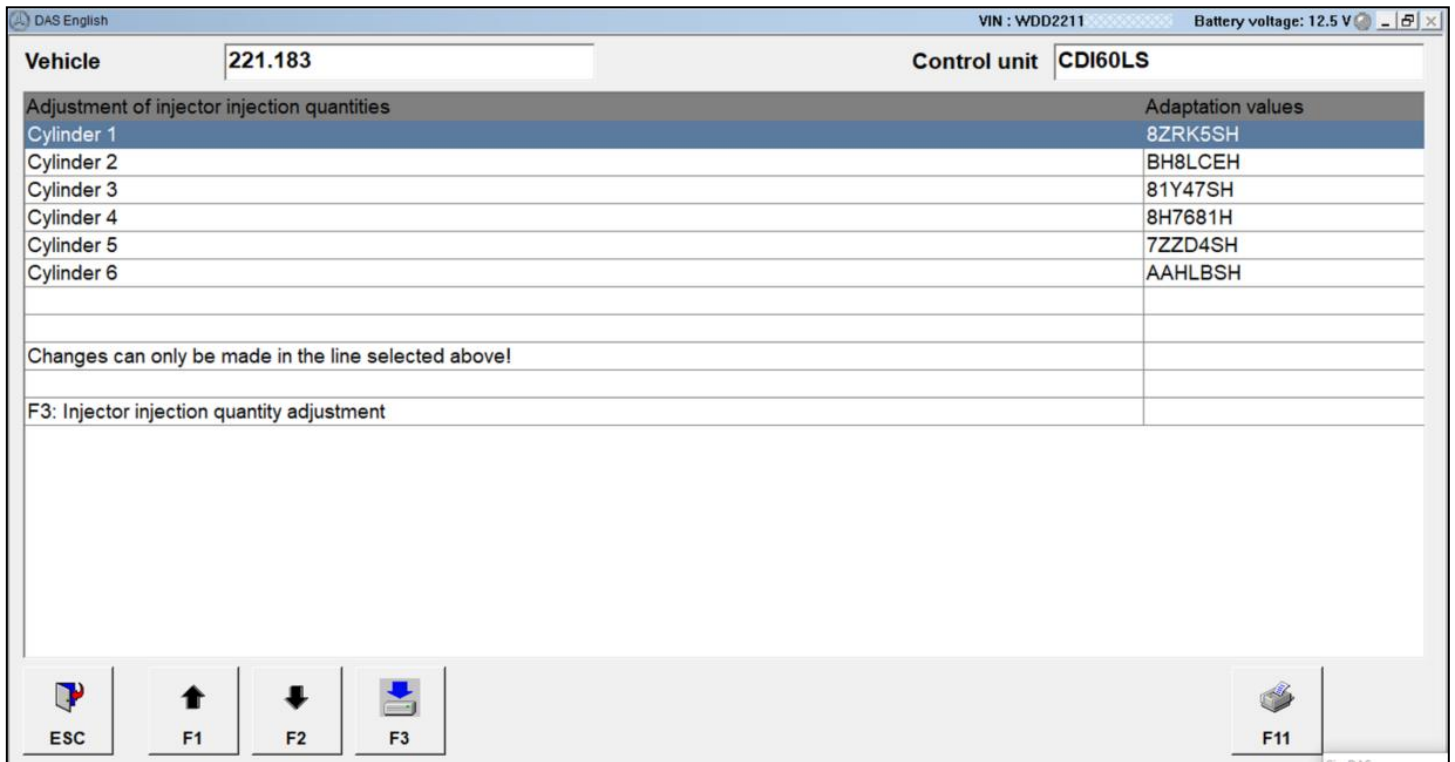


Figure 2

3. Disconnect XENTRY Diagnosis.
4. Assemble in reverse order.

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 18	02-4762*	Connect/disconnect diagnostic system (XENTRY Diagnosis)	0.1
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1
	12-1717	Check fuel injectors (with XENTRY Diagnosis connected) Includes: Check injection quantity adjustment values of fuel injectors	0.1
	12-1718	Remove/install air filter housing (after check) Includes: Correct the injection quantity adjustment values of fuel injectors	0.6

* 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.