

June 14, 2023

Campaign No. 2021070026

CA DMV: 210726

Version 3.0

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 907 Sprinter, Model Year 2020  
Software Update**

MBAG has determined that on certain Sprinter vehicles (platform 907), the Engine Control Unit (ECU) software and Transmission Control Unit (TCU) software does not correspond to current series production specifications.

An authorized Mercedes-Benz Sprinter dealer will update the Engine Control Unit (ECU) software and Transmission Control Unit (TCU) software.

Prior to performing this Recall Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 31,569 vehicles are involved.

Order No. V-RC-2021070026 This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

<b>SM54.21-D-0229SG</b>	<b>Update software of control units (code: VS3MOGE20, acc. no.: 07 972 77)</b>	<b>12.12.2022</b>
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**Model 907**  
 with code XY0 (Model year 0)  
 with code XZ0 (Model generation 0)  
 with code ZU7 (National version for Canada)

**Model 907**  
 with code XY0 (Model year 0)  
 with code XZ0 (Model generation 0)  
 with code ZU8 (National version for USA)

### Modification notes

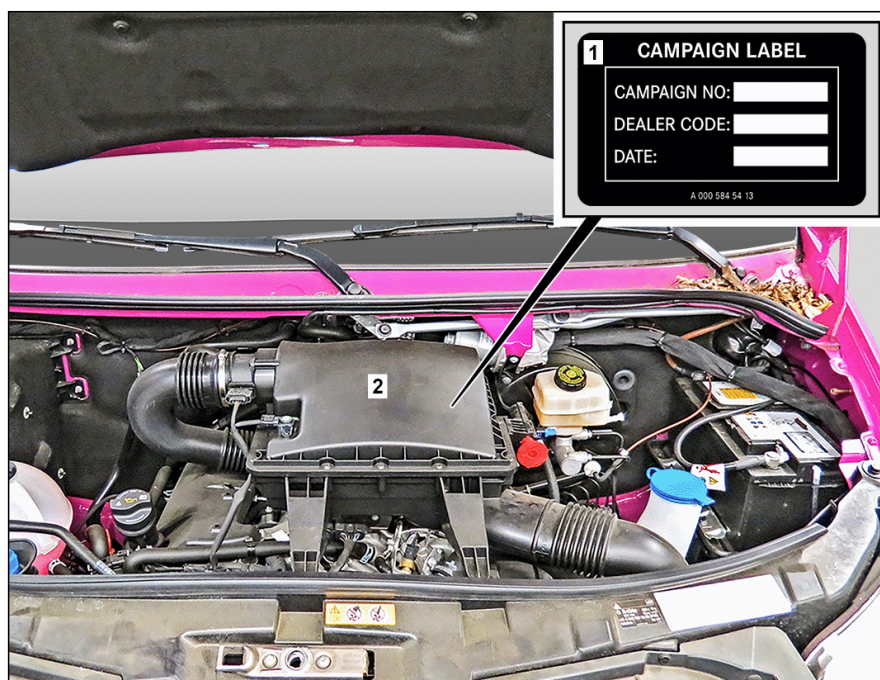
26.07.2021	Special procedure for diagnosis work added.	Operation step 4	
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### Operation no. of the operation texts or standard texts and flat rates










Category	Op. no.	Operation text	Time	Acc. no.	Code
L	02 2443	Operations: Connect/disconnect vehicle diagnosis system	0.1h	07 972 77	VS3MOGE20
L	02 2445	Operations: Connect/disconnect charger (vehicle diagnosis system connected)	0.1h	07 972 77	VS3MOGE20
L	02 2442	Operations: Update ..... control unit software (vehicle diagnosis system connected)	0.1h	07 972 77	VS3MOGE20








### Shown on model 906 with engine 642

- 1 Campaign label
- 2 Air cleaner housing



D54.21-A036-76

	Notes on programming control units		AH54.21-P-0001-03Z
	<b>Check</b>		
1	Check whether vehicle is affected by measure.	 <p>For authorized Mercedes-Benz service partners, only the entry in the Extended VEGA Application (EVA) system, in the "Current" tab, is decisive. There is no need to also check the affected vehicles in the workshop information system (WIS) or vehicle list.</p>	
	<b>Update software</b>		
2 	Connect diagnostic system.	 <p>Always use the latest XENTRY Diagnosis software release.</p>  <p>It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.</p>	AD00.00-D-2000-06TS
3 	Connect charging equipment. Maintaining on-board electrical system voltage when performing test and diagnosis work on vehicle	 <p>During the entire work procedure a sufficiently large voltage supply must be provided for the vehicle's on-board electrical system. Otherwise any undervoltage that occurs may damage the control units.</p>  <p>Follow the operating instructions for the charger.</p>  <p>Use the charger to ensure that an adequate power supply (min. 12.5 V) is provided for the on-board electrical system battery.</p>	AR54.10-D-1127TS

4	Update software for CDI control unit (N3/28 – Engine electronics 'CDI61NFZ' for combustion engine 'OM642' (CDI)).	<p> It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.</p> <p> To do this, select the following menu items: Control units view → N3/28 – Engine electronics 'CDI61NFZ' for combustion engine 'OM642' (CDI) → Special procedures → <b>Service measure "Exhaust gas aftertreatment"</b></p>	
5  AD	Disconnect diagnostic system.		AD00.00-D-2000-06TS
6  AR	Remove charger from vehicle.		AR54.10-D-1127TS
7	Fill out campaign label (1) and attach to air filter housing (2).	<p>Only applies for vehicles in State of California.</p> <p> Bonding surface must be absolutely free of dust and grease. Otherwise, a sufficient degree of adhesion cannot be assured.</p> <p> To do so, enter 6-digit campaign number, dealer code and date. Cleaner</p>	<a href="#">BR00.45-Z-1025-04A</a>
8	Fill out certificate and hand over to customer.	<p>Only applies for vehicles in State of California.</p> <p> Apply number from campaign label (1).</p>	

**Repair materials**

Number	Designation	Order number
BR00.45-Z-1025-04A	Cleaner	A 005 989 19 71

**Parts ordering note**

Part no.	Designation	Quantity
A 000 584 54 13	Campaign label (California only)	1
A 000 584 42 14	Certificate (California only)	1