Recall Campaign Bulletin Recall Campaign Bulletin

Campaign No. 2021070027, July, 2022
California Only: 210727

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 907 Sprinter, Model Year 2019**
Software Update

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

An authorized Mercedes-Benz Sprinter dealer will update the Engine Control Unit (ECU) software, Transmission Control Unit (TCU) software and Dosing Control Unit (DCU) 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 **47,599** vehicles are involved.

Order No. V-RC-2021070027 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.

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SM54.21-D-0228SG	Update software of control units (code: VS3MOGED19, acc. no.: 07 972 76)	26.07.2021

Model 907
with code XY9 (Model year 9)
with code XZ0 (Model generation 0)
with code ZU7 (National version for Canada)

Model 907
with code XY9 (Model year 9)
with code XZ0 (Model generation 0)
with code ZU8 (National version for USA)

Modification notes

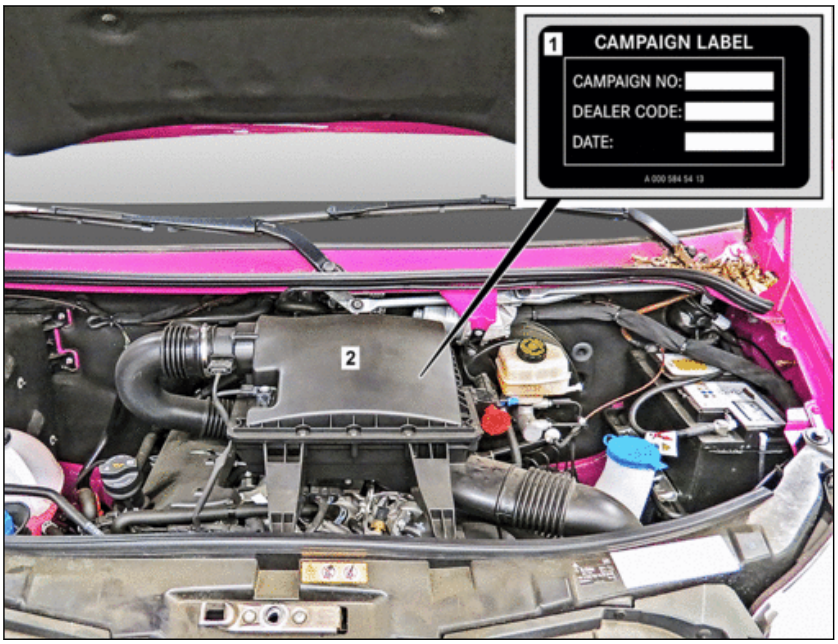
26.07.2021	Operation steps 9, 10 and parts ordering notes added.		

Operation no. of the operation texts or standard texts and flat rates

Category	Op. no.	Operation text	Time	Damage Code	
L	02 2443	Operations: Connect/disconnect vehicle diagnosis system	--- 0.1h	07 972 76	
L	02 2445	Operations: Connect/disconnect charger (vehicle diagnosis system connected)	--- 0.1h	07 972 76	
L	02 2442	Operations: Update ..... control unit software (vehicle diagnosis system connected)	--- 0.1h	07 972 76	
L	02 2442	Operations: Update ..... control unit software (vehicle diagnosis system connected)	--- 0.1h	07 972 76	
L	02 2442	Operations: Update ..... control unit software (vehicle diagnosis system connected)	--- 0.1h	07 972 76	

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
◁	**Check**		
1	Check whether vehicle is affected by measure.	i For authorized Mercedes-Benz service partners, only the entry in the Extended VEGA Application (EVA) system, in the "Current" tab, is decisive. An additional test of the affected vehicles in the workshop information system (WIS) or vehicle list is thereby not necessary.	
	Update software		
2 ☞AD	Connect diagnostic system.	i Always use the latest XENTRY Diagnosis software release. i It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.	AD00.00-D-2000-06TS

3 ☞AR	Connect charging equipment. Maintaining on-board electrical system voltage when performing test and diagnosis work on vehicle	 (!) 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. i Follow the operating instructions for the charger. i Use the charger to ensure that an adequate power supply (min. 12.5 V) is provided for the on-board electrical system battery.	AR54.10-D-1127TS
4	Update software for CDI control unit (N3/28 – Engine electronics 'CDI61NFZ' for combustion engine 'OM642' (CDI)).	i It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.	
5	Update software for fully integrated transmission (VGS) control unit (N15/11).	i It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.	
6	Update software in AdBlue® (SCR) control unit (N118/5).	i It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system.	
7 ☞AD	Disconnect diagnostic system.		AD00.00-D-2000-06TS
8 ☞AR	Remove charger from vehicle.		AR54.10-D-1127TS
9	Fill out campaign label (1) and attach to air filter housing (2).	Only applies for vehicles in State of California. (!) Bonding surface must be absolutely free of dust and grease. Otherwise, a sufficient degree of adhesion cannot be assured. i To do so, enter 6-digit campaign number, dealer code and date. Cleaner	BR00.45-Z-1025-04A

10	Fill out certificate and hand over to customer.	Only applies for vehicles in State of California. i Apply number from campaign label (1).	

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