

Campaign No. 2021070034, July 2021

### TO: ALL MERCEDES-BENZ and FREIGHTLINER SPRINTER CENTERS

## SUBJECT: Model 906 (Sprinter) Model Year 2014-2016 Modification to the emissions control system

Daimler Vans USA, LLC ("DVUSA") and Mercedes-Benz USA, LLC ("MBUSA") are performing an emissions campaign on certain 906 Sprinter vehicles in order to modify to the vehicles' emissions control system. It has come to our attention that due to a computer error, the Approved Emission Modification software may not have been installed correctly in 5 vehicles. An authorized Mercedes-Benz Sprinter dealer will re-install the Approved Emission Modification software via "Special Procedures Service Measure" on the affected Sprinter vehicles according to the work instructions. This serves to ensure a complete implementation of the Approved Emission Modification.

Prior to performing this Emissions Campaign:

- Please check VMI to determine if the vehicle is involved in the emissions modification campaign and if it has been previously repaired. Always Check VMI for any open campaigns, and perform accordingly.
- Please review the entire Emissions Campaign bulletin and follow the repair procedure exactly as described.

Approximately 5 vehicles are involved.

Order No. V-RC-2021070034

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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Emissions Campaign Bulletin



Work instructions

# Van

Group 54 Campaign: 2021070034 CODE: NC3ID182ND SM54.21-D-0242SG 07.30.2021

# Update control unit software (code: NC3ID182ND, acc. no.: 07 972 82)

Model 906

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SM54.21-D-0242SG	Update control unit software (code:	07.30.2021
	NC3ID182ND, acc. no.: 07 972 82)	

### Warranty Information

Damage Code	Operation No.	Time	Operation Text
07 972 82	02 2443	0.1 hr	Connect/disconnect vehicle diagnosis system
	02 2445	0.1 hr	Connect/disconnect charger (vehicle diagnosis system connected)
	02 2442	0.1 hr	Update Control unit software (vehicle diagnosis system connected)
	02 2457	0.2 hr	Extra work for: Update control unit software with increased data volume

	Check		
1	Check whether vehicle is affected by Campaign.	<ul> <li>i</li> <li>Check Vehicle Master Inquiry (VMI) in Netstar to verify Campaign is open.</li> <li>i</li> <li>The Emissions Campaign that we recently conducted on your vehicle (see Vehicle Master Inquiry (VMI) in Netstar) has not yet run its full course. This new measure will ensure that the Emissions Campaign is conducted correctly and completely.</li> </ul>	

	Update software		
2	Connect charging equipment.		
₩S	000 588 00 81 00 Charger		WS54.00-P-0037B
		()) During the entire work procedure a	
		sufficient voltage supply must be	
		provided for the vehicle's on-board	
		electrical system.	
		Otherwise any undervoltage that	
		units.	
		i	
		Follow the operating instructions	
		for the charger.	
		<b>i</b>	
		Use the charger to ensure that an adequate power supply (min	
		12.5 V) is provided for the on-	
		board electrical system battery.	
3	Connect diagnostic system.		
₩ <b>A</b> D			AD00.00-D-2000-04SD
		<b>i</b>	
		Always use the latest XENTRY	
		available addons.	
		i	
		It is absolutely essential to	
		precisely follow the operation steps	
		diagnosis system.	
		i	
		If there are questions or	
		problems with carrying out the	
		here, create a ticket in the	
		XENTRY Support & Feedback	
		(XSF) system under the	
		tab.	

4	Update software for control units through special procedure ("Exhaust aftertreatment" service measure).	<ul> <li>())</li> <li>The measure must only be performed using the described special procedure ("Exhaust gas aftertreatment" service measure). Other procedures are not permitted.</li> <li>Otherwise correct running of control unit programming cannot be guaranteed.</li> <li>(i)</li> <li>OM642 engine: select the following menu items (also see picture below):</li> <li>Control units view →</li> <li>N3/35 – Engine electronics 'CDI60' for combustion engine 'OM642' (CDI) (Code: MH3 MH5 MH7) →</li> <li>Special procedures →</li> <li>Service measure "Exhaust aftertreatment" →</li> <li>Perform 'Exhaust aftertreatment' service measure.</li> <li>(i)</li> <li>OM651 engine: select the following menu items (also see picture):</li> <li>Control units view →</li> <li>N3/33 – Engine electronics 'CDI43' for combustion engine 'OM651'</li> <li>(CDI) (Code: MH5 MH8) →</li> <li>Special procedures →</li> <li>Service measure "Exhaust aftertreatment" →</li> <li>Perform 'Exhaust aftertreatment' service measure.</li> <li>(i)</li> <li>OM651 engine: select the following menu items (also see picture):</li> <li>Control units view →</li> <li>N3/33 – Engine electronics 'CDI43' for combustion engine 'OM651'</li> <li>(CDI) (Code: MH5 MH8) →</li> <li>Special procedures →</li> <li>Service measure "Exhaust aftertreatment" →</li> <li>Perform 'Exhaust aftertreatment' service measure.</li> <li>(i)</li> <li>XENTRY Diagnosis guides you through the process of the measure. The operation steps in XENTRY Diagnosis must be complied with completely until the Service measure "Exhaust aftertreatment" results page is displayed and uploaded to pXD.</li> <li>(i)</li> <li>Invoicing must be based on the</li> </ul>	
		displayed and uploaded to pXD.	
		Invoicing must be based on the operation items in this new	
		measure (see above), in accordance with the operation steps in this measure.	
5	Remove vehicle diagnosis system	1	
₩ AD			AD00.00-D-2000-04SD
6	Remove charger from vehicle.		
₩S	000 588 00 81 00 Charger		WS54.00-P-0037B

<u>UI</u>	> Noros - Motor electronics CDIS	U TOF CO	ompustion engine 'O	W042 (CDI) (C	-	V	Ignicon Ora	-	
V	Version Error codes / Events Actual values	Actuation	Adaptations Control un	t log Special procedures	List of fault codes	Tests	Symptoms		
s	Selection	P	erform service meas	ure 'Exhaust aftertr					
•	Recording of measurement values for function 'Exhaust gas recirculation' Collation of diagnosis performance data Resetting warning message 'SCR/AdBlue®' Resetting warning message 'Number of engine starts' Emissions Inspection (AU) Special procedure "Winnebago"	î							
	Delete fault memory and record diagnosis performance data. Preconditioning of exhaust test			N	o selection made				
8	Service measure "Exhaust aftertreatment" Pre-Inspection								
	Perform service measure 'Exhaust aftertreatment'.	+							
	Extended Warranty Parts	1.0							

### OM642 engine: Exemplary screenshot of Exhaust Aftertreament Service Measure

D54.00-A009-79

### OM651 engine: Exemplary screenshot of Exhaust Aftertreament Service Measure

Di > N3/33 - Motor electronics 'CDI43	for combustion	engine 'OM651' (C	DI) (Code: I	ин5јмн8) С	12.0	/ Ignition ON	
Version Error codes / Events Actual values A	Actuations Adaptations	Control unit log	cial procedures	List of fault codes	Tests	Symptoms	
Selection	Perform serv	vice measure 'Exi	haust aftertr	eatment'.			
Recording of measurement values for function 'Exhaust gas recirculation' Collation of diagnosis performance data Resetting warning message 'SCR/AdBlue®' Resetting warning message 'Number of engine starts' Emissions inspection (ALI)							
Special procedure "Winnebago" Delete fault memory and record diagnosis performance data. Preconditioning of exhaust test			No	selection made	,		
Service measure "Exhaust afiertreatment" Pre-Inspection							
Perform service measure 'Exhaust aftertreatment'.	←						

D54.00-A010-79