



Campaign No. 2021090009, April 2022

TO: ALL MERCEDES-BENZ and FREIGHTLINER SPRINTER CENTERS

SUBJECT: **Model 906 (Sprinter)**
Model Year 2010-2016
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 coding may not have been installed correctly in 319 vehicles. An authorized Mercedes-Benz Sprinter dealer will re-install the Approved Emission Modification coding 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 319 vehicles are involved.

Order No. V-RC-2021090009

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.



Mercedes-Benz

Work instructions

Van

Group 54

Campaign: 2021090009

Code: NC3COD2ND

Update 04.13.2022

Update control unit software (code: NC3COD2ND, acc. no.: 07 972 83)

Model 906



	Update control unit software (code: NC3COD2ND, acc. no.: 07 972 83)	04.13.2022
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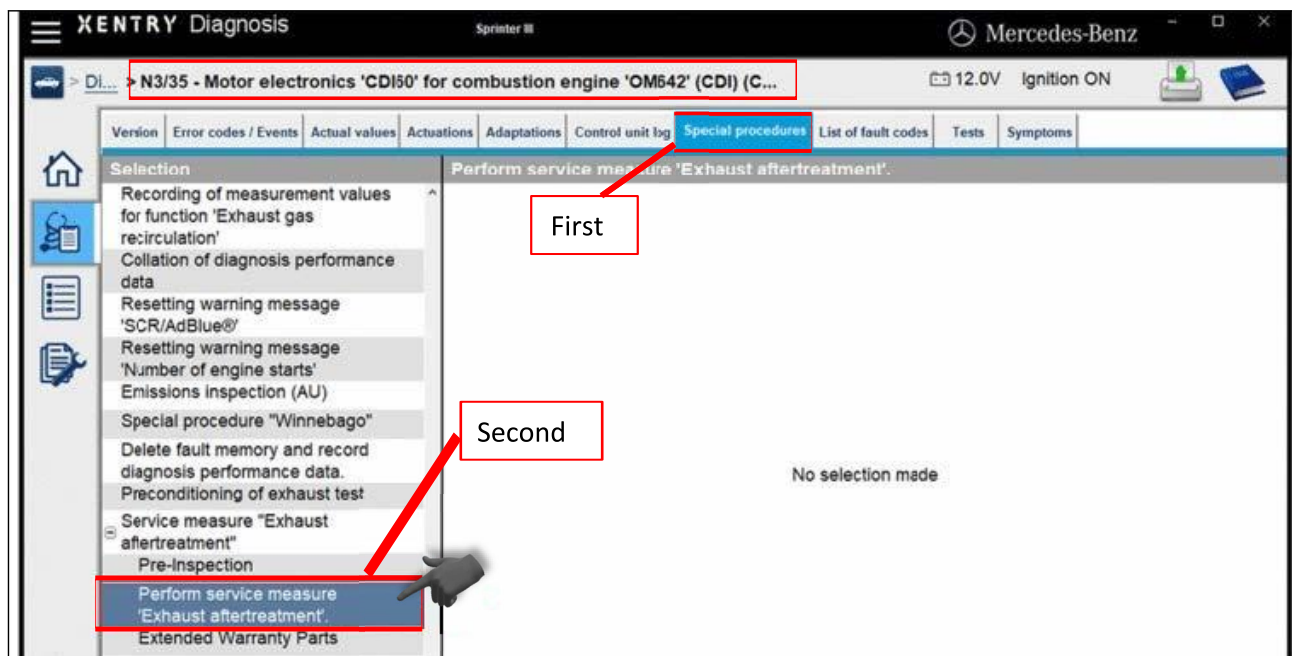
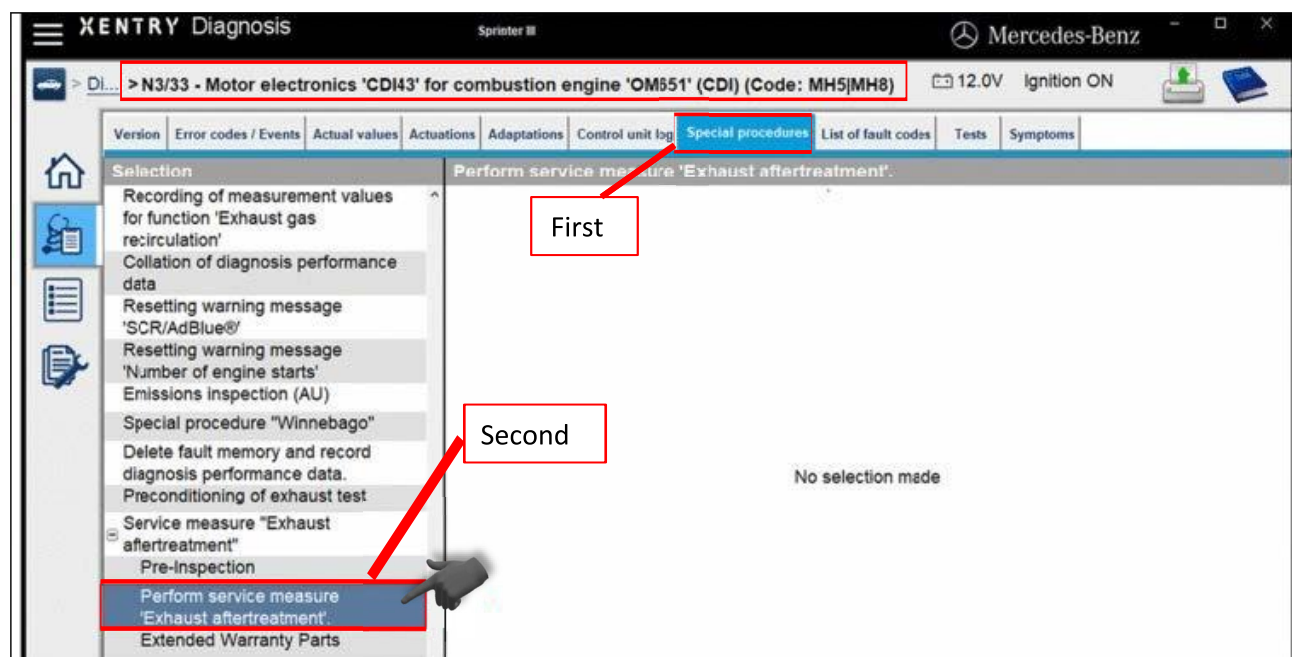
Warranty Information

Damage Code	Operation No.	Time	Operation Text
07 972 83	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.	 Verify Vehicle Identification Number (VIN) on vehicle VIN markings matches VIN on Repair Order exactly. Correct VIN errors on RO before RO is closed at your dealership.  Check Vehicle Master Inquiry (VMI) in Netstar to verify Campaign is open.  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.  If Approved Emission Modification hardware is not installed as per the previous Approved Emission Modification Work Instructions, please open a PTSS case.	

	Update software		
2 WS	Connect charging equipment. 000 588 00 81 00 Charger	During the entire work procedure a sufficient voltage supply must be provided for the vehicle's on-board electrical system. Otherwise any undervoltage that occurs may damage the control units. Follow the operating instructions for the charger. Use the charger to ensure that an adequate power supply (min. 12.5 V) is provided for the on-board electrical system battery.	WS54.00-P-0037B
3 AD	Connect diagnostic system.	Always use the latest XENTRY Diagnosis software release with all available addons. Ensure Vehicle Identification Number (VIN) readout in XENTRY/DAS matches vehicle VIN markings exactly. If not, please open a PTSS case with photos of VIN markings and XENTRY/DAS Quick Test showing VIN readout. It is absolutely essential to precisely follow the operation steps as described in the vehicle diagnosis system. If there are questions or problems with carrying out the service measures described here, create a ticket in the XENTRY Support & Feedback (XSF) system under the "XENTRY Diagnosis" or "Parts" tab.	AD00.00-D-2000-04SD

4	Update software for control units through special procedure ("Exhaust aftertreatment" service measure).	The measure must only be performed using the described special procedure ("Exhaust gas aftertreatment" service measure). Other procedures are not permitted. Otherwise correct running of control unit programming cannot be guaranteed. OM642 engine: select the following menu items (also see picture below): Control units view → N3/35 – Engine electronics 'CDI60' for combustion engine 'OM642' (CDI) (Code: MH3 MH5 MH7) → Special procedures → Service measure "Exhaust aftertreatment" → Perform 'Exhaust aftertreatment' service measure. OM651 engine: select the following menu items (also see picture): Control units view → N3/33 – Engine electronics 'CDI43' for combustion engine 'OM651' (CDI) (Code: MH5 MH8) → Special procedures → Service measure "Exhaust aftertreatment" → Perform 'Exhaust aftertreatment' service measure. 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. 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.		AD00.00-D-2000-04SD
6	Remove charger from vehicle. 000 588 00 81 00 Charger		WS54.00-P-0037B

MY14-16 OM642 engine: Exemplary screenshot of Exhaust Aftertreatment Service Measure**MY14-16 OM651 engine: Exemplary screenshot of Exhaust Aftertreatment Service Measure**

MY10-13 OM642 engine: Exemplary screenshots of Exhaust Aftertreatment Service Measure