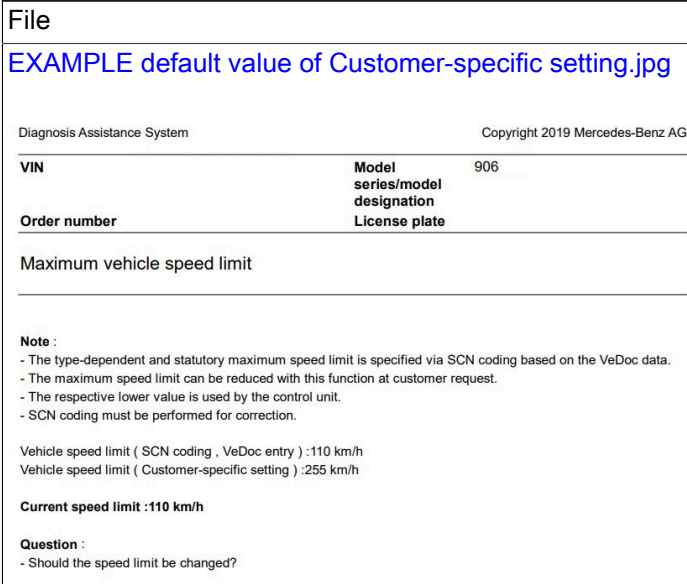


MY10-12 906 Sprinter: Maximum vehicle speed limit changed after Approved Emission Modification (AEM) Campaign

Topic number	LI30.36-N-073937
Version	1
Function group	30.36 - Speed limiter (GB, GBE, GBL)
Date	11/22/21
Validity	MY 2010-2012 906 Sprinter with SA Code OC2 Approved Emissions Modification (AEM)
Reason for change	

Complaint

Maximum vehicle speed is higher after the Approved Emission Modification (AEM) than before the AEM. Customer-specific maximum speed setting in CDI may show the default value (255 km/h).

Attachments							
File	Description						
EXAMPLE default value of Customer-specific setting.jpg  <p>Diagnosis Assistance System Copyright 2019 Mercedes-Benz AG</p> <table border="1"> <tr> <td>VIN</td> <td>Model series/model designation</td> <td>906</td> </tr> <tr> <td>Order number</td> <td>License plate</td> <td></td> </tr> </table> <p>Maximum vehicle speed limit</p> <hr/> <p>Note :</p> <ul style="list-style-type: none"> - The type-dependent and statutory maximum speed limit is specified via SCN coding based on the VeDoc data. - The maximum speed limit can be reduced with this function at customer request. - The respective lower value is used by the control unit. - SCN coding must be performed for correction. <p>Vehicle speed limit (SCN coding , VeDoc entry) :110 km/h Vehicle speed limit (Customer-specific setting) :255 km/h</p> <p>Current speed limit :110 km/h</p> <p>Question :</p> <ul style="list-style-type: none"> - Should the speed limit be changed? 	VIN	Model series/model designation	906	Order number	License plate		Picture shows customer-specific speed setting default value of 255 km/h
VIN	Model series/model designation	906					
Order number	License plate						

Cause

Prior to 10/20/2021, the customer-specific maximum speed setting may not have correctly transferred during the Approved Emission Modification (AEM) Campaign.

The vehicle's maximum speed defaults to the value determined by the maximum speed SA Code in VeDoc.

Remedy

XENTRY/DAS addons 20351 (03/21), 20352 (06/21), and 20947 (09/21) were released as of 10/20/2021 to ensure the customer-specific settings are transferred during the CDI exchange in the Approved Emission Modification (AEM) Campaign.

XENTRY TIPS

If a vehicle received the AEM prior to 10/20/2021, and returns with a customer request to reinstate the customer-specific maximum speed setting, the resolution is outlined below:

1. Connect Battery Maintainer
2. Connect XENTRY Diagnosis
3. Navigate to: Sprinter III (up to 2013) > Control Units > Drive > CDI60 > Control Unit Adaptations > Maximum Vehicle Speed Limit
4. Change the maximum speed limit to the value requested by the client (input value in Kilometers Per Hour)
5. Perform SCN coding of CDI (CDI60 > Control Unit Adaptations > Control Unit Programming > Perform SCN Coding)
6. Verify the maximum speed values displayed by CDI after SCN coding are correct (print screen to paperless pXD).

Notes:

- DO NOT change the Customer-specific speed setting without a documented request from the customer!
- The new maximum speed setting will take effect only after CDI goes to sleep (key off for at least 3 minutes).
- CDI will limit the vehicle's maximum speed to the lowest value between the customer-specific setting or the VeDoc SA Code.
- For information on VeDoc SA Code software-based speed limit retrofits, reference WIS document: SI00.00-S-0015A.

Attachments	
File	Description
<p>EXAMPLE corrected Customer-Specific setting as per customer request.jpg</p>	<p>Picture shows example of customer-specific speed setting set to 105 km/h (65 mi/h)</p>

Symptoms

Power generation > Engine management > Function > Malfunction

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
022443	Operations: Connect/disconnect vehicle diagnosis system	0.1 h	21213ZZ	
022444	Operations: Perform SCN coding in control unit (vehicle diagnosis system connected)	0.1 h	21213ZZ	

XENTRY TIPS

022445	Operations: Connect/disconnect charger (vehicle diagnosis system connected)	0.1 h	21213ZZ	
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