

Vehicles with SCR Generation 4: SCR/AdBlue® warning message cannot be reset with fault code P13DF00 or P300685

Topic number	LI49.20-N-075995
Version	7
Function group	49.20 - Exhaust gas aftertreatment
Date	3/23/26
Validity	Model 907 with code KP7 (Generation 4 SCR exhaust gas cleaning)
Reason for change	Remedy Update

Complaint

SCR or AdBlue warning message cannot be reset.

All fault codes in the AdBlue (SCR) control unit have been processed and corrected, however fault codes P13DF00 or P300685 remain active and stored.

Cause

The procedure for resetting the SCR or AdBlue warning message with XENTRY Diagnosis has not been carried out.

Note:

If AdBlue quality or concentration related fault codes are present, such as P300494, P203B31, or P206B31, complete the applicable diagnostic procedure first.

This includes the thaw, mixing drive, and retest requirements in LI49.20-N-080376 and the detailed diagnosis and repair steps in LI49.20-N-078838 as applicable.

Do not attempt to reset the SCR or AdBlue warning message until the underlying fault condition has been corrected.

Remedy

Note:

Do not replace any parts for an incorrectly executed reset procedure.

1. Connect the battery charger

•Maintain adequate voltage throughout the procedure per applicable guidance.

2. Connect the diagnostic device

•Use the latest version of XENTRY Diagnosis and Add-Ons.

3. Reset the SCR or AdBlue warning message using XENTRY Diagnosis

•Quick test view → N118/5 – Selective Catalytic Reduction (SCR GEN4) → Special processes → Reset SCR/AdBlue® warning message.

Note:

Ensure all 5 listed processes are completed successfully, indicated by Actual value: "successfully completed".

4. Complete the disconnect and sleep mode initiation procedure

•Disconnect XENTRY.

•Refer to manual AD00.00-D-2000-06TS for the correct procedure to disconnect the diagnostic device from Model 907.

•Disconnect the Battery Charger

•Refer to manual AR54.10-D-1127TS for instructions on safely disconnecting the battery charger from Model 907.

•Turn off the ignition.

•Remove the key.

•Lock the vehicle and wait approximately 15 minutes to allow the CAN bus system to enter sleep mode.

5. Post sleep mode vehicle start

•After the 15-minute waiting period, start the vehicle.

Note:

The "starts remaining" message will remain on the Instrument Cluster (IC), but the vehicle will not be in the 5mph de-rate mode.

6. Drive for system self-test

•Drive the vehicle for 5 to 10 miles to enable the SCR system to perform a self-test.

Note:

During the warning reset process, ensure the outside temperature sensor is reading above 10 degrees Fahrenheit.

If not, keep the vehicle inside and repeat the reset.

The vehicle may need to be driven to allow NOx sensors and the SCR system to complete their self-test before fault codes can be stored and then cleared.

7. Confirm and erase fault codes

•Verify warning messages.

•Ensure relevant fault codes are stored.

•Erase fault memory if necessary.

8. Disconnect the Diagnostic Device

•Refer to manual AD00.00-D-2000-06TS for the correct procedure to disconnect the diagnostic device from Model 907.

9. Disconnect the Battery Charger

•Refer to manual AR54.10-D-1127TS for instructions on safely disconnecting the battery charger from Model 907.

Note:

During cold weather below 32 degrees Fahrenheit, advise the client to keep the AdBlue tank fill level between 50 percent and 85 percent to allow for expansion and help prevent damage to the level and concentration functions.

It is not permitted to replace parts or invoice for material or wage costs under warranty or goodwill in connection with an incorrectly executed reset.

Attachments	
File	Description
SCR reset test plan.mp4	SCR reset test plan

WIS-References		
Document number	Title	Note
AD00.00-D-2000-06TS	Connect/disconnect diagnostic device	Model 907
AR54.10-D-1127TS	Maintain on-board electrical system voltage for testing and diagnosis work on the vehicle	Model 907

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit
Communication/information > Information display > Indicator lamp > lit
Power generation > Exhaust system > AdBlue > AdBlue consumption > Too high
Power generation > Exhaust system > AdBlue > AdBlue consumption > Too low
Power generation > Engine management > Function > Malfunction

Control unit/fault code	
Control unit	Fault text
N118/5 N141 - Selective catalytic reduction (SCR GEN4) (UDCM2)	P13DF00 - The AdBlue® system has a malfunction. _

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
541011	Perform quick test	H		

XENTRY Tips

540650	Maintain on-board electrical system voltage (for testing and diagnosis work)	H		
470642	CHECK ADBLUE(R) SYSTEM (AFTER QUICK TEST)	H		