

Check engine light on with fault codes P203B31, P203B49, P206B31, P13DF00 present in the SCR control unit

Topic number	LI49.20-N-071225
Version	1
Function group	49.20 Exhaust gas aftertreatment
Date	04-23-2020
Validity	Model 907 with OM642 engine
Reason for change	
Reason for block	

Complaint:

Check engine light illuminated with fault codes P203B31, P203B49, P206B31, P13DF00 present in the SCR GEN3 control unit (N118/5)

Cause:

Software status of the SCR GEN3 control unit

Remedy:

Update the control unit software in the SCR GEN3 control unit (N118/5)

NOTE:

Ensure XENTRY diagnosis release 03/2020 with add-on 15467 installed

Symptoms
Power generation / Engine management / Indicator lamp / Electronic diesel control / lit
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit
Power generation / Engine management / Function / Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text
N141 - Selective catalytic reduction UDCM	P203B31	The AdBlue® fill level sensor has a malfunction. The signal is not present.
N141 - Selective catalytic reduction UDCM	P203B49	The AdBlue® fill level sensor has a malfunction. There is an internal electrical fault.
N141 - Selective catalytic reduction UDCM	P206B31	Component 'A103 (AdBlue® additive tank/pump module)' has a malfunction. The signal is not present.
N141 - Selective catalytic reduction UDCM	P13DF00	The AdBlue® system has a malfunction. _

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-0650	ON-BOARD POWER SUPPLY VOLTAGE MAINTAIN (WHEN CHECKING/TESTING AND TROUBLESHOOTING)	0.1		
54-1011	PERFORM QUICK TEST	0.2		
54-0990	PROGRAM, CODE..... CONTROL UNIT (AFTER QUICKTEST)	0.3	14400 90	

Validity		
Vehicle	Engine	Transmission
Sprinter 907	642.899	*