

Audio/COMAND display: Sporadic failures of central display

Topic number	LI82.85-P-059083
Version	3
Function group	82.85 Navigation and Communication system (CNS, ICS, COMAND, FleetBoard)
Date	01-10-2018
Validity	NTG4.5: Model 207, 212, 218 with code 088 or code 803 or code 804 Model 204.0/2/3 with code 802 Model 166, 117, 172, 176, 204, 231, 246 with code 803 or code 804 Model 463 with code XZ2 or XZ3
Reason for change	Cause adjusted. Remedy adapted.
Reason for block	

Complaint:

Sporadic failures of the Audio/COMAND display control unit (A40/8).

Cause:

Various causes.

Remedy:

- Perform guided tests for relevant fault codes.
- Check all connectors on the head unit and central display.
- Check cable set (in particular in the low voltage differential signaling line and the telematics CAN lines) between the COMAND (A40/3) /Audio20 (A2) and Audio/COMAND display (A40/8) control units for chafe marks or crush marks.
- Use XENTRY Diagnostics to check whether the software of the control units of the COMAND (A40/3) /Audio20 (A2) and Audio/COMAND display (A40/8) is up to date.

Symptoms
Communication/information / Entertainment / Screen/display / Display dark -System running
Communication/information / Entertainment / Screen/display / Flickers
Communication/information / Entertainment / Screen/display / Frozen screen -system runs

Control unit/fault code		
Control unit	Fault code	Fault text
A2 - A40/3 - Audio or COMAND (Audio) (HU45)	D026	Telematics CAN bus OFF fault

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-0650	MAINTAIN BATTERY VOLTAGE (FOR TESTING AND DIAGNOSIS WORK)		82368 50	
54-1011	PERFORM QUICK TEST		82368 50	
82-9905	PERFORM SOFTWARE UPDATE FOR RADIO/COMAND		82368 50	
54-0991	CONTROL UNIT INSTALL SOFTWARE (AFTER QUICK TEST)		82368 50	