Model Series 223, 297: The warning message “PRE-SAFE inoperative” shown on IC display

Topic number	LI91.40-P-074328
Version	1
Function group	91.40 - Seat belts, emergency tensioning retractors
Date	2/3/22
Validity	223, 297
Reason for change	

Complaint

The warning message “PRE-SAFE inoperative” shown on IC display.

“PRE-SAFE Inoperative” message found in cluster. Quick test shows that either left or right front Emergency Tensioning Retractor (ETRs) are unable to communicate with XENTRY Diagnosis. Instrument cluster confirms communication issues with ETRs.

Note: If short or open circuit faults are found (or any other faults related to the ETRs), this document is not relevant.

PRE-SAFE is a comfort feature where the operational state of its reversible retractors do not affect the functionality of the seatbelt in the event of a collision.

Attachments	
File	Description
IC Meldung.PNG 	Warning message "PRE-SAFE inoperative" shown on IC display
Unable to communicate message.JPG	Example: Error message in the quick test

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A76/1 - Right front reversible emergency tensioning retractor (RevETR-RF) -!- The following fault has occurred: Error details:Ecu is not available	

Cause

Communication with PRE-SAFE functions are temporarily lost.

Remedy

- Disconnect the ground of the 12V battery for 1 hour, then reconnect.
- Perform the initial start-up for the seat belt ECUs (A76 or A76/1).

If the communication faults are still active/current, after performing remedy or the vehicle returns, open a PTSS-Case. In the case, attach:

- Quick Test

- N73/3 CU Log (not N73/3*1)

Symptoms
Body > Safety system > Pre-Safe system > Malfunction
Body > Safety system > Pre-Safe system > Display message: Pre-Safe features currently limited (see operator's manual)

Control unit/fault code	
Control unit	Fault text
N133/1 - Instrument cluster (IC)	U116887 - Communication with the right front reversible emergency tensioning retractor has a malfunction. The message is missing. U116787 - Communication with the left front reversible emergency tensioning retractor has a malfunction. The message is missing.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note

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