

Error during initial startup of weight sensing system U10

Topic number	LI91.10-P-064281
Version	1
Design group	91.10 Front seats
Date	06-21-2016
Validity	Weight sensing system with code U10
Reason for change	
Reason for block	

Complaint:

Error during initial startup of the weight sensing system (WSS)

The following fault messages may be stored in the WSS control unit event log:

- B00A054 - The control unit "Weight sensing system" has a malfunction. Calibration was not performed.
- U100856 - LIN bus 1 has a malfunction. An incorrect or incompatible configuration was detected.

The following status message may appear in the weight sensing system control unit (N110) event log:

- Status of configuration "NOT OK" (Pic. 1)

Cause:

It is possible that an incorrect or incompatible "front passenger seat cushion" WSS service kit has been installed.

Attachments	
File	Description
Pic 1.jpg	Status of configuration NOT OK

Remedy:

Create a PTSS Case with attached WSS control unit event log with the application for a compatible "front passenger seat cushion" WSS service kit.

After installation of the new "front passenger seat cushion" WSS service kit, the following message should appear in the WSS control unit event log:

- Status of configuration "OK" (Pic. 2)
 - The fault messages B00A054/ U100856 should no longer be active
- Important: The SRS control unit N2/10 must not be replaced in these cases!

Attachments	
File	Description
Pic 2.jpg	Status of configuration OK

Symptoms

XENTRY TIPS

Body / Safety system / Airbag/Supplemental restraint system SRS / Indicator lamp / Front passenger airbag switched off / lit

Body / Safety system / Seat occupied recognition / Not detected

Control unit/fault code

Control unit	Fault code	Fault text
N2/10 - Supplemental restraint system (SRS) (ORC222) (S (222),S (217),C (205))	B00A054	The control unit 'Weight sensing system' has a malfunction. Calibration is missing.
N2/10 - Supplemental restraint system (SRS) (ORC222) (S (222),S (217),C (205))	U100856	LIN bus 1 has a malfunction. An incorrect or incompatible configuration was detected. (OCM_222_WSS)

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			82148 90	Weight sensing system seat occupancy recognition control unit software release

WIS-References

Document number	Title	Note	Allocation
AR91.10-P-3310LW	Remove/install seat cushion	SI91.10-P-0012A	Remedy

Attachments

Pic 1.jpg:

Technologie	
Airbag Codierung	WSS Minibladder Delphi ->OCM USA Minibladder - LIN
Beschleunigungssensor Verbauort Soll (Aus Codierung Airbag SG)	Beschleunigungssensor in WSS verbaut
Software Version	14 / 15 / 000
Beschleunigungssensor in WSS Steuergerät verbaut	NEIN
Status der Konfiguration	NICHT IN ORDNUNG

Pic 2.jpg:

Technologie	
Airbag Codierung	WSS Minibladder Delphi ->OCM USA Minibladder - LIN
Beschleunigungssensor Verbauort Soll (Aus Codierung Airbag SG)	Beschleunigungssensor in WSS verbaut
Software Version	11 / 7 / 000
Beschleunigungssensor in WSS Steuergerät verbaut	JA
Status der Konfiguration	IN ORDNUNG