
Driver or front passenger seat belt can
only be pulled out with great effort.

Topic number	LI91.40-P-050718
Version	4
Design group	91.40 Seat belts, emergency tensioning retractors
Date	04-05-2012
Validity	Model series 164 and model series 251 as of production date 06.2009 (code 800) and model series 221 as of production date 09.2009.
Reason for change	Damage code updated
Reason for block	

Complaint:

Driver or front passenger seat belt can only be pulled out with great effort.

Cause:

During the seat belt adjustment sequence after buckling up (belt slack elimination) the control unit A76 (left front reversible emergency tensioning retractor) or A76/1 (right front reversible emergency tensioning retractor) detects an undervoltage. The undervoltage can occur briefly during the starting procedure.

The undervoltage causes the belt slack elimination process to abort before it is complete. The drive unit of the reversible reel tensioner remains engaged.

Remedy:

Pull out the seat belt with greater effort. This causes the drive of the reversible reel tensioner to disengage mechanically.

Do not replace the seat belt!

If the undervoltage occurs due to the engine start procedure, the problem can be avoided by starting the engine first and then putting on the seat belt.

On customer request the "belt adjustment" function can be deactivated using the multifunction buttons on the steering wheel. See operator's manual "Switching seat belt adjustment on and off".

For BR 221 as of production date 09/2009 (code 800) up to 09/2010 (code 801) with old software release (part no. A2214420269, read out via quick test), new software (part no. A2219026302, read out via quick test) is required. The new software can be flashed with DVD 05/2011 (Xentry) with add-on 1857 or with DVD 07/2011(Xentry) with add-on 1877.

For BR 221 as of production date 09/2010 (code 801), BR164, BR 251 as of production date 06/2009 (code 800), the new software is available as of DVD11/2010 (Xentry). The new software is installed by repeating initial startup of control units A76 (left front reversible emergency tensioning retractor) or A76/1 (right front reversible emergency tensioning retractor).

Software releases:

Model series 221 - old software A2214420369 - new software A2219026402

Model series 251 - old software A2519020700 - new software A2519021800

Model series 164 - old software A164420069 or A1649023000 - new software A1649025600

Note: The part numbers of the software can be read out via quick test / control unit log.

Symptoms
Safety system / Body / Seat belt / Seat belt / Gets caught when pulling out /
Safety system / Body / Seat belt / Seat belt / Belt strap jammed /

Control unit/fault code		
Control unit	Fault code	Fault text
RevETR-LF-Left front reversible emergency tensioning retractor (RBTMFL1) (M (164),R (251))	B210A00	Event:The power supply in the system is too low.
RevETR-LF-Left front reversible emergency tensioning retractor (RBTMFL1) (M (164),R (251))	B210C16	Event:The power supply is outside the valid range.The limit value for electrical voltage has not been attained.
RevETR-RF-Right front reversible emergency tensioning retractor (RBTMFR1) (M (164),R (251))	B210A00	Event:The power supply in the system is too low.
RevETR-RF-Right front reversible emergency tensioning retractor (RBTMFR1) (M (164),R (251))	B210C16	Event:The power supply is outside the valid range.The limit value for electrical voltage has not been attained.
RevETR-RF-Right front reversible emergency tensioning retractor (RBTMFR2) (S (221))	B210A00	Event:The power supply in the system is too low.
RevETR-RF-Right front reversible emergency tensioning retractor (RBTMFR2) (S (221))	B210C16	Event:The power supply is outside the valid range.The limit value for electrical voltage has not been attained.
RevETR-LF-Left front reversible emergency tensioning retractor (RBTMFL2) (S (221))	B210A00	Event:The power supply in the system is too low.
RevETR-LF-Left front reversible emergency tensioning retractor (RBTMFL2) (S (221))	B210C16	Event:The power supply is outside the valid range.The limit value for electrical voltage has not been attained.

Work units				
Op. no.	Operation text	Time	Damage code	Note
			91A16 90	Left reversible emergency tensioning retractor
			91N16 90	Right reversible emergency tensioning retractor

XENTRY

Validity		
Vehicle	Engine	Transmission
221.022	*	*
221.028	*	*
221.054	*	*
221.056	*	*
221.070	*	*
221.071	*	*
221.077	*	*
221.080	*	*
221.084	*	*
221.086	*	*
221.087	*	*
221.095	*	*
221.122	*	*
221.128	*	*
221.154	*	*
221.156	*	*
221.170	*	*
221.171	*	*
221.176	*	*
221.177	*	*
221.179	*	*
221.180	*	*
221.184	*	*
221.186	*	*
221.187	*	*
221.195	*	*
251.020	*	*
251.022	*	*
251.026	*	*
251.054	*	*
251.056	*	*
251.065	*	*
251.072	*	*
251.075	*	*
251.077	*	*
251.122	*	*
251.124	*	*
251.125	*	*
251.126	*	*
251.154	*	*

XENTRY

251.156	*	*
251.165	*	*
251.172	*	*
251.175	*	*
251.177	*	*
M (164)	*	*