

Reversible emergency tensioning retractor is incompatible with vehicle wiring harness, model series 212 with code 800 or 801

Topic number	LI91.40-P-053441
Version	1
Design group	91.40 Seat belts, emergency tensioning retractors
Date	03-26-2012
Validity	Model series 212 with code 800 and 801
Reason for change	
Reason for block	

Complaint:

Customer has an issue that requires replacement of the emergency tensioning retractor. Upon ETR replacement, it is discovered that the vehicle's wiring harness is too short, and no connection can be made to the ETR.

This affects vehicles with code 800 or 801

Cause:

For vehicles as of code 802, a newly designed reversible emergency tensioning retractor is installed. For this reason, the length of the vehicle wiring harness on vehicles with code 800 or 801 is not long enough to be directly connected to the new reversible emergency tensioning retractor.

Remedy:

Install the wiring harness included with the ordered reversible emergency tensioning retractor.

Disconnect vehicle wiring harness from reversible emergency tensioning retractor at a suitable position and attach the wiring harness included using solder connectors.

Symptoms
Safety system / Pre-Safe system / Nonfunctional / Body /

Control unit/fault code		
Control unit	Fault code	Fault text
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600608	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600607	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600420	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.

RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600606	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600609	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	640200	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	650100	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600000	The maximum number of belt retractions (1000) has been reached.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	530900	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	530910	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	530640	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600649	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	530640	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	530910	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	530900	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	530A00	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600000	The maximum number of belt retractions (1000) has been reached.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600200	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.

XENTRY

RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600607	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600609	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600601	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600605	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600601	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600149	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600649	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600606	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600010	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600608	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600420	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	600602	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	610000	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.

XENTRY

RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	640200	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-RF - Right front reversible emergency tensioning retractor (A76/1) (RBTMFR_204)	650100	Control unit 'A76/1 (Right front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600010	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600200	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	610000	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600602	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600605	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.
RevETR-LF - Left front reversible emergency tensioning retractor (A76) (RBTMFL_204)	600149	Control unit 'A76 (Left front reversible emergency tensioning retractor)' is defective.

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A 002 546 01 41			Cable connector	2	End solder connector with blue ball	X	
A 001 546 99 41			Cable connector	2	End solder connector with green ball	X	

WIS-References			
Document number	Title	Note	Allocation
AH00.19-P-1000-04A	Methods for repairing wiring harnesses		Remedy
AR00.19-P-0100-09A	Repair wiring harness using solder connectors		Remedy

Validity		
Vehicle	Engine	Transmission
212.002	*	*

XENTRY

212.003	*	*
212.005	*	*
212.020	*	*
212.021	*	*
212.023	*	*
212.024	*	*
212.025	*	*
212.041	*	*
212.047	*	*
212.048	*	*
212.052	*	*
212.053	*	*
212.054	*	*
212.055	*	*
212.056	*	*
212.057	*	*
212.059	*	*
212.072	*	*
212.073	*	*
212.074	*	*
212.077	*	*
212.080	*	*
212.082	*	*
212.087	*	*
212.088	*	*
212.089	*	*
212.090	*	*
212.091	*	*
212.093	*	*
212.147	*	*
212.148	*	*
212.152	*	*
212.154	*	*
212.202	*	*
212.203	*	*
212.205	*	*
212.220	*	*
212.221	*	*
212.223	*	*
212.224	*	*
212.225	*	*
212.247	*	*
212.248	*	*

XENTRY

212.254	*	*
212.255	*	*
212.256	*	*
212.257	*	*
212.259	*	*
212.272	*	*
212.273	*	*
212.274	*	*
212.277	*	*
212.280	*	*
212.282	*	*
212.287	*	*
212.288	*	*
212.289	*	*
212.291	*	*
212.293	*	*