

Fault message in display and/or restraint system warning lamp in the instrument cluster illuminates

Topic number	LI91.60-N-069828
Version	2
Function group	91.60 Airbag, pedestrian protection
Date	08-26-2019
Validity	Model 907
Reason for change	Cause and remedy adapted.
Reason for block	

Complaint:

Fault message in display and/or restraint system warning lamp in the instrument cluster illuminates.

Information: Various fault codes may be present in the Supplemental Restraint System (SRS) control unit (N2/5).

Cause:

Possible contacting issues in the Supplemental Restraint System (SRS) control unit (N2/5).

Remedy:

1. Disconnect the 104-pin electrical connector (N2/5x1) on the Supplemental Restraint System (SRS) control unit (N2/5) and re-connect it (see AR91.60-D-0622TSR for model 907).

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2. Connect diagnostic device (see AD00.00-D-2000-06TS).

Information: Always use the latest XENTRY Diagnostics software release.

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3. Perform a quick test and erase the fault memory.

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4. Disconnect diagnostic device (see AD00.00-D-2000-06TS).
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Information: If the problem occurs repeatedly, replace the Supplemental Restraint System (SRS) control unit (N2/5) (see AR91.60-D-0622TSR for model 907).

Symptoms
Body / Safety system / Airbag/Supplemental restraint system SRS / Indicator lamp / SRS indicator lamp / lit
Body / Safety system / Airbag/Supplemental restraint system SRS / SRS and AKSE / Shows malfunction
Body / Safety system / Airbag/Supplemental restraint system SRS / Indicator lamp / Airbag / lit
Communication/information / Information display / Indicator lamp / lit

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
N2/5 - Supplemental restraint system ORC177	B002913	The squib for the right windowbag/headbag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B275013	The squib for the sidebag 'Driver' has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B001013	The squib for the front passenger airbag (stage 1) has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B001113	The squib for the front passenger airbag (stage 2) has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B275113	The squib for the sidebag 'Front passenger' has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B280613	The squib for refrigerant accident safeguard 1 has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B00E313	The squib for the left rear emergency tensioning retractor has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B273013	The squib for the left rear engine hood lifter has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B001313	The squib for the front passenger kneebag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B280713	The squib for refrigerant accident safeguard 2 has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B00E413	The squib for the right rear emergency tensioning retractor has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B002A13	The squib for the right rear windowbag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B273113	The squib for the right rear engine hood lifter has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B273513	The squib for pyrofuse 'On-board electrical network line' has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B002213	The squib for the left rear windowbag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B007E13	The squib for emergency tensioning retractor 'Driver' has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B000113	The squib for the driver airbag (stage 1) has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B000213	The squib for the driver airbag (stage 2) has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B007F13	The squib for emergency tensioning retractor 'Front passenger' has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B003013	The squib for the left rear sidebag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B003813	The squib for the right rear sidebag has a malfunction. There is an open circuit.
N2/5 - Supplemental restraint system ORC177	B000413	The squib for the driver kneebag has a malfunction. There is an open circuit.

XENTRY TIPS

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
			Supplemental Restraint System (SRS) control unit	1	Information: Only if the problem occurs repeatedly (see remedy). Replacement parts are to be determined according to the vehicle identification number (VIN) through the XENTRY Portal Parts Information system.	

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-1011	PERFORM QUICK TEST	0.2		
54-7988	DISCONNECT/CONNECT GROUND LINE OF ON-BOARD ELECTRICAL SYSTEM BATTERY (WHEN WORKING ON THE VEHICLE)	0.2		
68-4774	REMOVE/INSTALL CENTER TRIM ON INSTRUMENT PANEL, REPLACE IF NECESSARY	0.9	59330 74	K/Z*, SRS airbag control unit, seat belt tensioners - contact fault/open circuit The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.
91-1905	REPLACE CONTROL UNIT FOR AIRBAG AND EMERGENCY TENSIONING RETRACTOR SYSTEM (AFTER CHECK)	1.1	82485 74	SRS airbag control unit, seat belt tensioner (DS) - contact fault/open circuit Information: Only if the problem occurs repeatedly (see remedy). The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.

WIS-References			
Document number	Title	Note	Allocation
AD00.00-D-2000-06TS	Connect/disconnect diagnostic device		Remedy
AR91.60-D-0622TSR	Remove/install airbag/emergency tensioning retractor control unit	Model 907	Remedy

Validity		
Vehicle	Engine	Transmission

XENTRY TIPS

Sprinter 907	*	*
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