

SRS Message Displayed in Instrument Cluster

Topic number	LI54.21-P-070658
Version	4
Function group	54.21 Control units / basic modules
Date	06-04-2020
Validity	A-Class (177) CLA-Class (118) GLB-Class (247)
Reason for change	Updated Remedy, Validity and Part Number
Reason for block	

Complaint:

A fixed SRS message is displayed in the instrument cluster. Cause is not safety-relevant and does not affect function of safety systems.

Cause:

Higher resistance values at the SRS control unit connector for various SRS components (squibs, tensioners, pyrofuse, etc.). Complaint vehicles contain the stored fault code "There is an open circuit" for various squibs.

Remedy:

Note: If there are active/current faults or short circuit faults, this document does not apply. Further vehicle diagnosis is required.

Fault-trace wire for affected component and ensure that there is no chafing or damaged areas. Ensure that all connections are secure and wires are firmly attached to connectors. If the inspection does not find a root cause, disconnect and reconnect the connectors to the SRS Control Unit.

If the fault occurs again, or if this is a reoccurrence of the same problem, replace the SRS control unit. Ensure the new control unit is Q4 level or higher.

NOTE: SRS control unit A177 900 0404 28 is available in very limited quantities, and may only be replaced if the fault returns again after first disconnecting and reconnecting of the connector to the SRS control unit. Only VOR orders will be allowed, so a unique VIN will be required for each order and demand will be closely monitored. MBUSA is counting on your collaboration to ensure parts availability of A177 900 0404 28 for customer complaints.

Attachments	
File	Description
Q4 SRS Example.jpg	Location of Q Level on SRS Control Unit

Symptoms
Body / Safety system / Airbag/Supplemental restraint system SRS / Indicator lamp / SRS indicator lamp / lit
Body / Safety system / Seat belt / Seat belt indicator lamp / lit
Body / Safety system / Airbag/Supplemental restraint system SRS / Indicator lamp / Airbag / lit

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B000313	The squib for the vent valve 'Driver airbag' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B003813	The squib for the right rear sidebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B001013	The squib for the front passenger airbag (stage 1) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B1B3613	The squib for the emergency tensioning retractor at the center of the first seat row has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B275013	The squib for the sidebag 'Driver' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B284F13	The squib for pyrofuse 'High-voltage on-board electrical system' has a malfunction. There is an open circuit. (OCM177)
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B001213	The squib for the vent valve 'Front passenger airbag' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B001113	The squib for the front passenger airbag (stage 2) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B275113	The squib for the sidebag 'Front passenger' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B000113	The squib for the driver airbag (stage 1) has a malfunction. There is an open circuit. (OCM177)
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B00E313	The squib for the left rear emergency tensioning retractor has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B008013	The squib for belt force limiter 'Driver' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B007913	The squib for the emergency tensioning retractor 'Belt end fitting' (driver) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B00E613	The squib for the emergency tensioning retractor at the right of the third seat row has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B001313	The squib for the front passenger kneebag has a malfunction. There is an open circuit.

XENTRY TIPS

N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B00E413	The squib for the right rear emergency tensioning retractor has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B002113	The squib for the left windowbag/headbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B007A13	The squib for the emergency tensioning retractor 'Belt end fitting' (front passenger) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B00E713	The squib for the emergency tensioning retractor at the left of the third seat row has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B273513	The squib for pyrofuse 'On-board electrical network line' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B002213	The squib for the left rear window airbag/head airbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B000113	The squib for the driver airbag (stage 1) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B002A13	The squib for the right rear window airbag/head airbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B007E13	The squib for emergency tensioning retractor 'Driver' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B002913	The squib for the right windowbag/headbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B1C1E13	The "Driver" seat occupancy recognition has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B000213	The squib for the driver airbag (stage 2) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B007F13	The squib for emergency tensioning retractor 'Front passenger' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B003013	The squib for the left rear sidebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B000413	The squib for the driver kneebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177) (A (177),CLA (118))	B008213	The squib for belt force limiter 'Front passenger' has a malfunction. There is an open circuit.

XENTRY TIPS

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A17790004042 8			CONTROL UNIT, COMPLETE	1	Not every repair requires replacement. Follow attached work instructions.	

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			82485 73	Repair type 7 for exercising connector
			82485 73	Repair type 1 for replacing SRS CU

Attachments

XENTRY TIPS

Q4 SRS Example.jpg:

