

## Message "SRS - Service Required" displayed in instrument cluster and SRS lamp active

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Topic number	LI54.18-P-069309
Version	1
Function group	54.18 Cable harnesses
Date	01-25-2019
Validity	Model 177
Reason for change	Additional operation deleted, damage code + FC added and text optimized
Reason for block	

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### Complaint:

Message "SRS - Service Required" is displayed in the instrument cluster and the SRS lamp is active.

Despite the SRS message, the SRS system will continue to operate as designed.

### Cause:

The fault entry could have been caused by occasional high resistance at contacts due to movement of the wiring.

### Remedy:

1. Disconnect (detach) the 104-pin coupling to the airbag control unit (N2/10, plug 1).
2. Remove the cable tie on the housing of the disconnected coupling using small side cutting pliers (see attachment, photo "1").
3. Remove the contact socket carrier from the housing and then wrap fabric tape around ALL the lines at the level of the coupling collar (plug collar) where the cable tie was previously.

Note: Do not wrap (bandage) the fabric tape unnecessarily far into the coupling.

4. Fasten the wiring harness to the coupling housing using a new cable tie.

It is imperative to make sure that the cable tie is fitted not around the entire coupling collar as before, but specifically as shown in photo "2" (see attachment).

5. Reconnect the 104-pin coupling in the airbag control unit (N2/10) (see attachment, photo "3").

6. Fasten the subharness to the 20-pin coupling of the airbag control unit (N2/10, plug 2) to the housing of the 104-pin coupling of the airbag control unit (N2/10, plug 1) using a felt strip at the level of the end of the wrapping; please refer to photo "4" in the attachment.

Note: Cut the ordered 70x50 mm felt strip to 70x10 mm.

Please do not replace any parts.

Reoccurrence of the complaint:

# XENTRY TIPS

If the fault occurs again, or if this is a reoccurrence of the same complaint, a PTSS case must be created and informative photos of the work performed (overview of the feed line to the airbag control unit) must be attached to the case.

Attachments	
File	Description
1.JPG	Photo "1": Cable tie on 104-pin coupling to airbag ECU; to be removed.
2.JPG	Photo "2": Positioning of new cable tie on coupling collar
3.JPG	Photo "3": After adjustment of cable tie on 104-pin coupling, in connected state.
4.JPG	Photo "4": Felt strip, final state

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

Control unit/fault code		
Control unit	Fault code	Fault text
N2/10 - Supplemental restraint system (SRS) (ORC177)	B000113	The squib for the driver airbag (stage 1) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B002A13	The squib for the right rear windowbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B003013	The squib for the left rear sidebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B003813	The squib for the right rear sidebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B007E13	The squib for emergency tensioning retractor 'Driver' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B007F13	The squib for emergency tensioning retractor 'Front passenger' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	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)	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)	B273013	The squib for the left rear engine hood lifter has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B273113	The squib for the right rear engine hood lifter has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B275013	The squib for the sidebag 'Driver' has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B000213	The squib for the driver airbag (stage 2) has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B275113	The squib for the sidebag 'Front passenger' has a malfunction. There is an open circuit.

# XENTRY TIPS

N2/10 - Supplemental restraint system (SRS) (ORC177)	B280613	The squib for refrigerant accident safeguard 1 has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B280713	The squib for refrigerant accident safeguard 2 has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	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)	B000413	The squib for the driver kneebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	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)	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)	B001313	The squib for the front passenger kneebag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B002113	The squib for the left windowbag/headbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B002213	The squib for the left rear windowbag has a malfunction. There is an open circuit.
N2/10 - Supplemental restraint system (SRS) (ORC177)	B002913	The squib for the right windowbag/headbag has a malfunction. There is an open circuit.

## Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0019953790			Cable tie	1	For the 104-pin coupling	
A0099899785			Fabric tape	1		
A0019838010			Felt strip 70x50 mm	1	Cut to 70x10 mm.	

## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			51604 74	K/Z, driver airbag, open circuit
			59497 74	KZ, front passenger airbag, open circuit
			59A01 74	K/Z, left window airbag/head airbag, open circuit
			59N01 74	K/Z, right window airbag/head airbag, open circuit
			51B06 74	K/Z, left reversible belt tensioner, open circuit
			51P06 74	K/Z, right reversible belt tensioner, open circuit
			59F07 74	K/Z, left rear seat belt tensioner, open circuit

# XENTRY TIPS

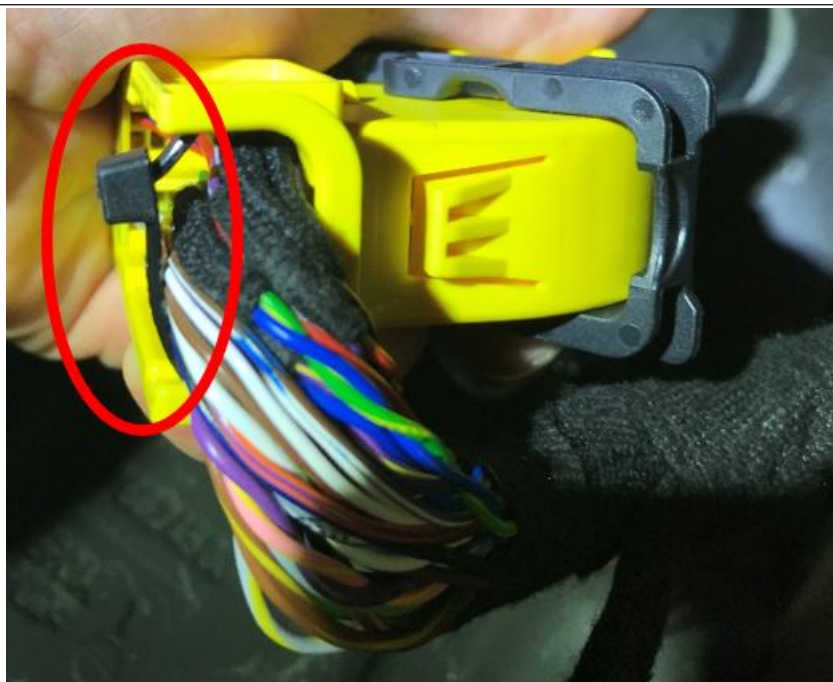
			59U07 74	K/Z, right rear seat belt tensioner, open circuit
			59A02 74	K/Z, left front side airbag, open circuit
			59A03 74	K/Z, left rear side airbag, open circuit
			59N02 74	K/Z, right front side airbag, open circuit
			59N03 74	K/Z, right rear side airbag, open circuit
			59N87 74	K/Z, right hood lifter, open circuit
			59A87 74	K/Z, left hood lifter, open circuit
			590F4 74	K/Z, inerting system gas generator, open circuit
			59330 74	K/Z, SRS airbag control unit, open circuit
			5903U 74	K/Z, battery clamp pyrofuse, open circuit

## WIS-References

Document number	Title	Note	Allocation
AR00.19-P-0100A	Wiring harness general repair methods		Remedy

## Attachments

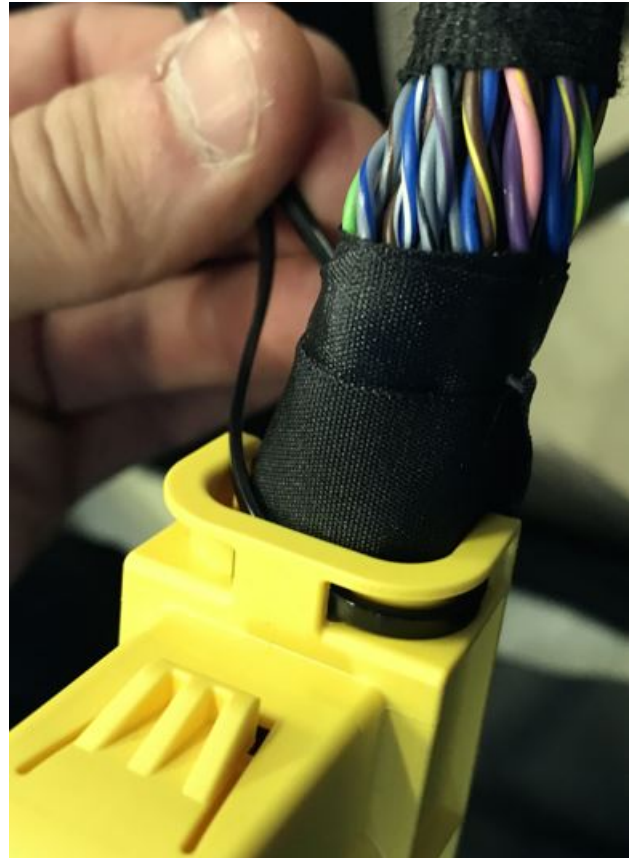
1.JPG:



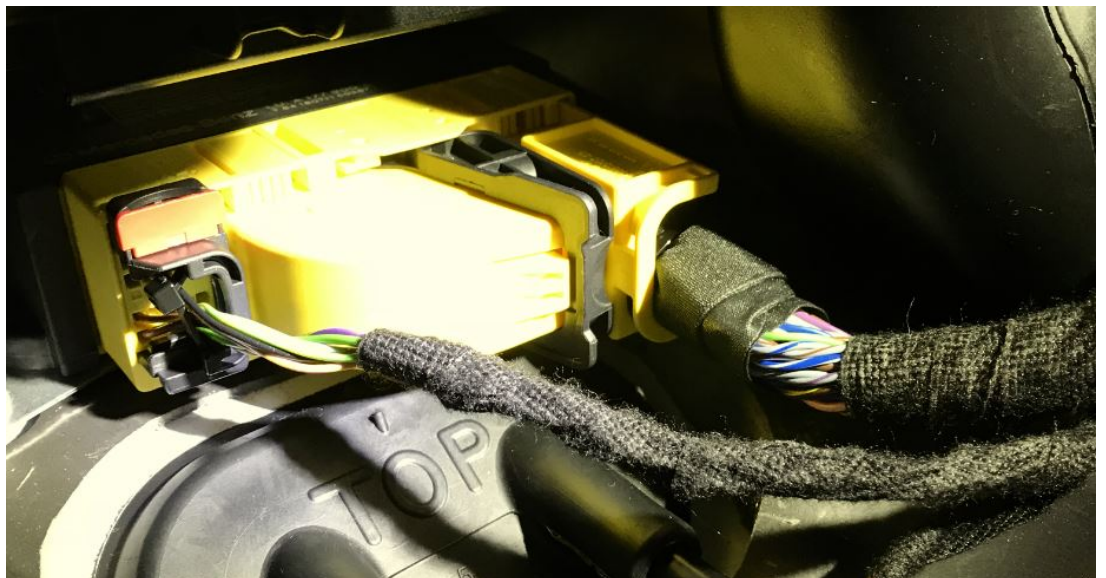
# XENTRY TIPS

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2.JPG:



3.JPG:



# XENTRY TIPS

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4.JPG:

