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THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description	Production Date
U11	X1 Sports Activity Vehicle	Vehicles produced up to May 10, 2024

SITUATION

The customer states that the air bag warning lamp is illuminated.

A fault is stored in the airbag control module ACSM6 for either of the front seats:

- 930982 - side air bag **PASSENGER**: resistance too high
- 93097C - side air bag **DRIVER**: resistance too high

CAUSE

Movement in the seat-mounted air bags’ wiring connector due to the harness being under tension.

CORRECTION

Relieve the tension on the seat-mounted air bags’ electrical connector.

The air bag harness may be twisted where it is held onto the back of the seat frame by a push clip assembly.

PROCEDURE

1. Check the resistance of the seat-mounted air bag before seat disassembly.



Does the resistance change when sitting in the seat, or moving on the outside seat bolster?

If resistance increases when moving on a particular section the seat, then that is the area to examine the wiring harness.



2. If problem is found to occur when there is pressure on the outer seat bolster, it is not necessary to remove the seat from the vehicle.

Disassemble the backrest of the seat only so you can access the harness for the seat mounted side air bag.

Here you can see the harness is pulled tightly around the seat backrest frame and the area where we need to introduce some slack.



3. The harness is held to the back of the seat frame with a push-in clip. You can move this clip on the wiring harness, or move the harness around to introduce more slack.

4. If problem cannot be identified, follow Repair Instruction **72 12 051** to remove the seat leather. Check the complete harness routing to see if it is pulled tightly or routed so that the electrical connector is under tension.

NOTE: If you remove seat from vehicle, the 4 seat mounting bolts and 1 safety belt strap bolt must be replaced (refer to ETK per the VIN; tightening torque is 42 Nm per AIR).

5. If there is **no damage to the wire insulation**, routing the harness so it is not under tension once installed should resolve the problem.

OR

If **harness is damaged**, then replace seat air bag assembly.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which considers specific equipment and/or options.

Part Number	Description	Quantity
07 14 9 321 690	Fillister head screw – 4 seat mounting bolts and 1 safety belt strap fitting to seat mechanism	5

CLAIM INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks as described below.

Repair Code:	6112588100	Seat wiring harness interruption
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Obtain the flat rate unit (FRU) allowances for the following that applies.

Diagnosis

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	As applicable
Or:		
00 00 556	Carrying out vehicle test (Plusposition work)	As applicable
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	As applicable

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61 00 006*	Carrying out vehicle diagnosis, ABL (Work time) (Including positioning the seat and checking the wire harness under driver's seat	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude them (including 61 21 528) when the Vehicle Test is included in another repair.

And:

Slacking Seat Harness on One Side

Labor Operation	Description	Labor Allowance
52 NN NNN**	Step 2: Refer to AIR's (Plusposition): Removing and installing or replacing rear panel on left or right front seat backrest	As applicable
Or only if required:		
72 15 551	Step 4: Remove and install/replace the front seat side airbag (Plusposition) (Outer and inside)	As applicable
And:		
61 99 000	Associated work time to slacken the seat harness as needed	3 FRU

Of:

Slacking Seat Harness on Both Sides

Labor Operation	Description	Labor Allowance
52 NN NNN**	Step 2: Refer to AIR's Plusposition: Removing and mounting/replacing both rear panels on front seat backrests	As applicable
Or only if required:		
72 15 551	Step 4: Remove and install/replace the front seat side airbag (Plusposition) (Outer and inside on one side)	As applicable
And:		
72 99 000	Step 4: Work time to remove and install/replace the front seat side airbag (Outer and inside on the other side only in conjunction with 72 15 551)	19 FRU
And:		
61 99 000	Associated work time to slacken both seat harnesses as needed	6 FRU

(**) Refer to AIR to obtain Plusposition flat rate operation code that applies to the vehicle's installed seats option.

(*) Based on which one applies to your center, please refer to **SI B01 01 20 or B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

BMW Group's AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the the Chassis Number (last seven (7) characters of the VIN), and click on the "Search" icon. If the "Vehicle Selection" window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the "Flat Rate Units" button and enter a flat rate labor operation code number "without spaces" in the field to the right, click on the

“Search” icon to display the corresponding listing of “Flat rate unit group details” that are available and their corresponding FRU allowances.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

