



AIR BAG WARNING LAMP, CC MESSAGE 'RESTRAINT SYSTEM'


New information provided by this revision is preceded by this symbol .

This Service Information bulletin replaces SI B65 01 17 dated **February 2017**

What's New:

- Model – F39 X2 added

MODEL

F48 (X1)	 F39 (X2)
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SITUATION

Air bag Warning indicator sporadically illuminates for short intervals when occupants are exiting the front of the vehicle.

Check Control messages may be displayed as follows:

- Restraint system driver's side is faulty (CC 108)
- Restraint system front passenger is faulty (CC 109)
- Functions of airbag, seat belt tensioner and belt force limiter are faulty (CC 97)

Fault codes may be stored:

- C95462, driver's seat module (seat position, back rest lock): Communication fault
- C95463, seat module front passenger (seat position, back rest lock): Communication fault

Front seat occupants may sense electrostatic discharge when exiting the seat.

CAUSE

Electrostatic discharge disrupts normal communication between seat module and airbag control unit.

CORRECTION

Add additional grounding for seat control module.

PROCEDURE

For conditions that are similar to the situation described:

Follow the attached procedure.

PARTS INFORMATION

For each seat repaired:

Part Number	Description	Quantity
61 13 1 379 833	Heat-shrink tubing	1
61 12 7 492 553	Ground cable	1
07 14 7 444 158	Rivet, blind, 4.8mm X 9mm	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	6112588100	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments.

And:

Repairing the Driver's Seat

Labor Operation:	Labor Allowance:	Description:
52 13 501	Refer to AIR	Removing and installing front driver's seat (Plus work)
And:		
61 99 000	2 FRU	Working time without specification/electrical system of vehicle (Repair one side).

Or:

Repairing the Front Passenger Seat

Labor Operation:	Labor Allowance:	Description:
52 13 502	Refer to AIR	Removing and installing front passenger seat (Plus work)
And:		
61 99 000	2 FRU	Working time without specification/electrical system of vehicle (Repair one side).

Or:

Repairing Both Front Seats

Labor Operation:	Labor Allowance:	Description:
52 13 505	Refer to AIR	Removing and installing both front seats (Plus work)
And:		
61 99 000	4 FRU	Working time without specification/electrical system of vehicle (Repair both sides).

Work time labor operation code 61 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

ATTACHMENTS

View PDF attachment [B65 01 17 Attachment A](#).

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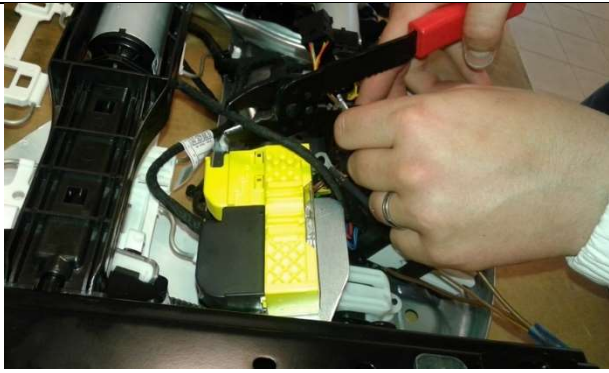
Seat Control Module Grounding Improvement


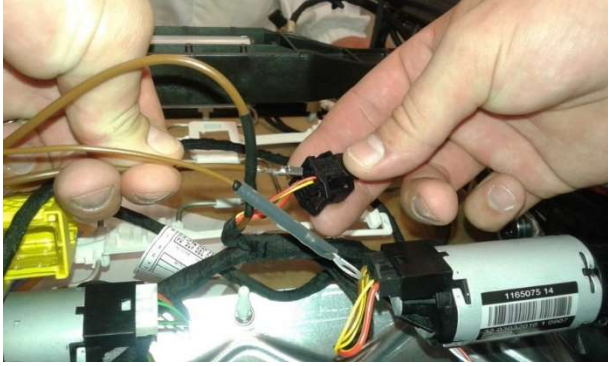
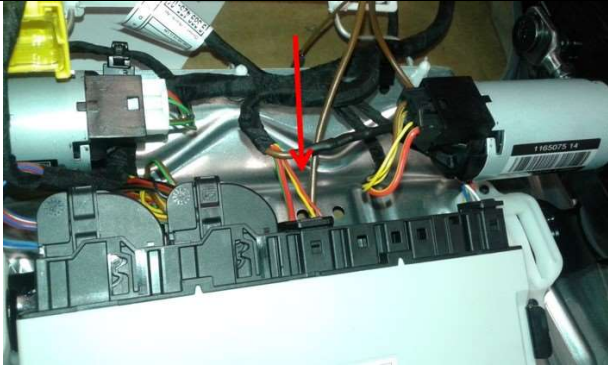
1. Diagnose the vehicle with ISTA, processing the corresponding test module.
2. Remove the affected seat while following the appropriate repair instructions-
 - "5213001 Remove and install front seat driver's side"
 - "5213002 Remove and install front seat passenger's side"

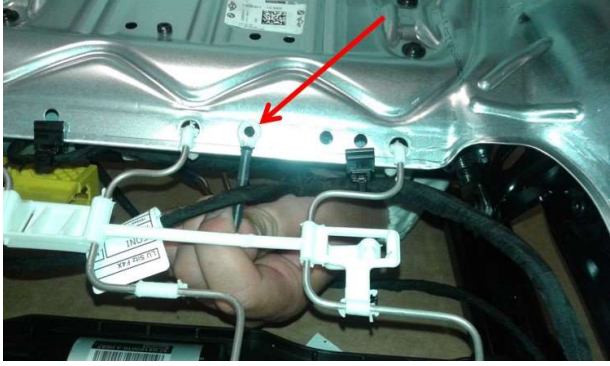



Note: Wiring harnesses and lines must be handled in accordance with "6100... Notes concerning the handling of wiring harnesses and lines".

	<p>3. Remove connector A245*3B from the seat module.</p>
	<p>4. Open connector and pull out brown ground cable, pin 8.</p>
	<p>5. Cut off the plug.</p>

	<p>6. Remove insulation from end of wire.</p>
	<p>7. Ground cable (Part# 61 12 7 492 553)</p> <ul style="list-style-type: none">-Female terminal plugs into module-Ring terminal will be riveted to seat frame-Center wire will be spliced to vehicle harness
	<p>8. Slip shrink tubing (Part# 61 13 1 379 833) over wire of ground cable (Part# 61 12 7 492 553) containing crimp connector (as shown).</p>
	<p>9. Crimp wire, from Step 6 above, into crimp connector.</p>

	<p>10. Reposition shrink tube over connection and heat.</p>
	<p>11. Place wire with cable shoe (on Ground cable) into pin 8 on connector A245*3B.</p>
	<p>12. Reconnect plug to seat control module</p>

	<p>13. Drill 5.0mm hole into seat pan where shown</p>
	<p>14. Attach eyelet wire from Ground cable at drilled hole with (4.8mm X 9mm) rivet (part# 07 14 7 444 158).</p>