




## FALSE WARNINGS THAT THE FRONT PASSENGER SEAT IS OCCUPIED WITHOUT THE SEAT BELT BUCKLED


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

This Service Information bulletin supersedes SI B72 04 17 dated **December 2017**

### What's new:

- Model; correct G30 to all 5 Series.
- Cause: Add abbreviation for CIS
- Correction: Remove IRAP line
- Procedure information: Update the attached procedure for a new information.
- Part information: using 2 cables tie.
- Warranty information: change the labor allowance.

### MODEL

G12 (7 Series)	 G30 (5 Series)
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### SITUATION

Acoustic and visual warnings indicate that the front passenger seat is occupied and the seat belt is not fastened, when the seat is actually unoccupied.

If the situation is currently present, sit in the seat and move the seat to a different position then the POL (Passenger Occupancy Light) light will function correctly.

### CAUSE

1. Objects are lying on the unoccupied passenger seat bottom surface while driving. The seat detection system uses capacitive resistance within the seat heating pad, not purely the weight of a device or object to trigger the acoustic and visual warnings.
2. Faulty plug connection to Evaluation Electronics CIS (Capacitive Interior Sensing).



### CORRECTION

- Secure the loose cables between the CIS seat mat and CIS Evaluation Electronic.
- Check the POL operation after repair.



### PROCEDURE

For conditions that are similar to the situation described and the problem is not currently present:

1. Verify with customer that no objects were lying on the seat that could have caused the warnings.



Note: Electronic devices that are placed on the front passenger seat, e.g. laptop computers, mobile phones, etc., could cause the front passenger airbag to activate.

This behavior occurs primarily with devices that are connected to the vehicle electrical system via a USB cable or other charger adapter.

In vehicles with an acoustic seat belt warning, this could cause the warning signal to sound.

Moisture on the seat surface can also cause a faulty seat occupancy detection; refer to SI [B65 04 14](#).

2. If step 1 does not identify the cause of the warnings, then follow the **UPDATE!** updated attached procedure to repair the Passenger Occupancy Detection Error condition.

### **UPDATE!** PARTS INFORMATION

Part Number	Description	Quantity
61 13 8 377 065	Cable tie	2

### **UPDATE!** WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>6577081400</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
65 99 000	<b>UPDATE!</b> 4 FRU	Work time to secure the CIS cable under the seat (Main work)
Or:		
65 99 000	2 FRU	Work time to secure the CIS cable under the seat (Plus work – Vehicle is already in the workshop)


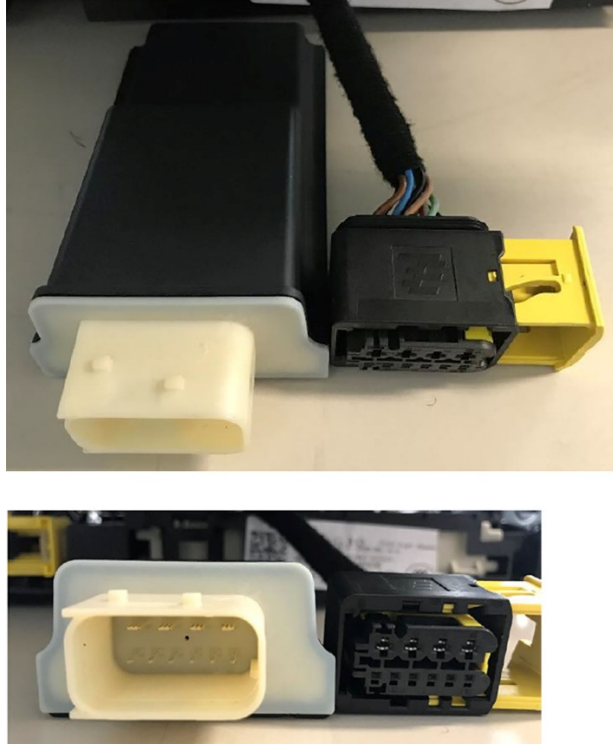
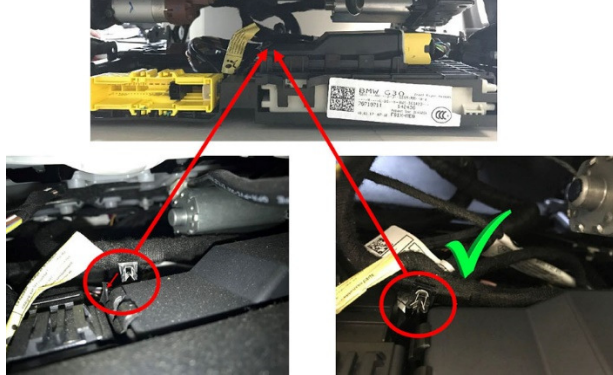
Posted: Monday, March 3, 2018



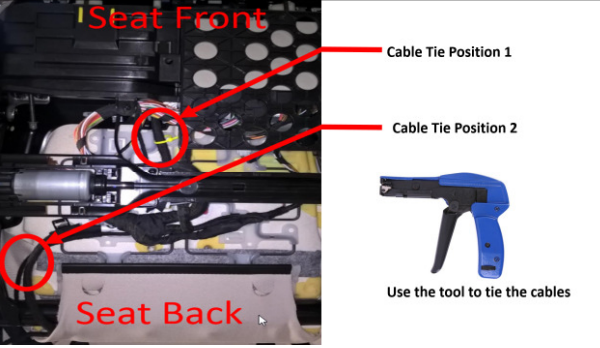
## ATTACHMENTS

View PDF attachment [B720417 Repair Procedure](#).

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## **PASSENGER OCCUPANCY DETECTION ERROR CORRECTION**

	<ol style="list-style-type: none"><li>1. Move the front seat to its highest position.</li><li>2. Detach the lower front seat trim.</li><li>3. Disconnect the Evaluation Electronics (CIS) plug connection.</li></ol>
	<ol style="list-style-type: none"><li>4. Check the plug for conditions resulting in possible poor electrical connection – corrosion, bent pins, etc. – removing control unit if needed, as shown.</li><li>5. Repair any connection problems.</li><li>6. Securely re-install control unit, if removed.</li><li>7. Reconnect plug into CIS.</li></ol>
	<ol style="list-style-type: none"><li>8. Secure the loose clip attached to cables, as shown.</li></ol>

	
<p>First cable tie position as shown in abov photo</p>	<p>Secound cable tie position as shown in abov photo</p>
	<p>9. Using 2 cables tie to secure wiring harness, as shown.</p>

- 10. Re-attach seat trim panel.
- 11. Verify free motion of seat belt and seat adjustment.
- 12. Verify correct operation of occupant detection system. There should be no fault memory entries for airbag warnings.
- 13. Check the POL function