



## AIRBAG WARNING LAMP ILLUMINATED

This Service Information bulletin Replaces SI B65 18 16 **dated July 2016**.

### MODEL

I01 (i3)
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### SITUATION

The airbag warning lamp in the instrument cluster lights up while the vehicle is in motion. The airbag control unit (ACSM4) contains the following fault(s):

- 930904 - Drivers airbag interval stage 1, resistance too high
- 93090A - Drivers airbag interval stage 2, resistance too high

### CAUSE

Tension caused by harness cable tie on short jumper harness located between steering column slip ring and driver's airbag creates excess resistance.

**UPDATE!**

### CORRECTION

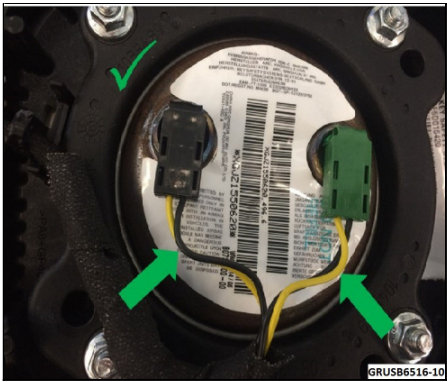
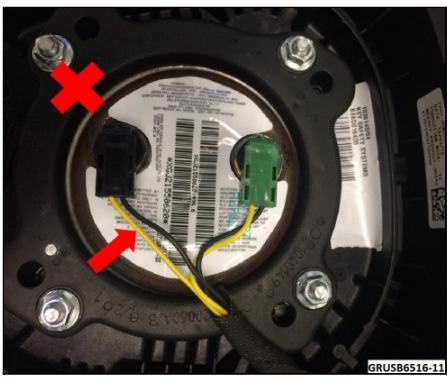
Replace driver's airbag module **OR** change tension on harness.

**UPDATE!**

### PROCEDURE

1. Run vehicle test and follow test plan for stored ACSM4 faults
2. **UPDATE!** Disconnect vehicle battery, and disconnect any battery charger prior to working on the air bag system. Check the plug connection of the steering column switch cluster (SZL). Disconnect the plug connection (yellow plug-in contact), reconnect it and check that it is securely latched into place.
3. Check for tension and tension-free routing of the wiring harness between driver airbag module and the steering column switch cluster (SZL), as shown in the photos below. Correct as needed.

	Correct tension free routing
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	<p>Incorrect routing. The yellow wire is under tension.</p>

4. Check resistance thru the clock spring assembly while turning the steering wheel lock to lock. If the resistance exceeds specification while turning the wheel (spec is 2.5 to 5.6 ohms) then the clock spring assembly should be replaced.



Note: **The short harness that connects directly to the driver's airbag "must" never**

**be disconnected on the back of the ignitor assembly. If these two connectors are opened, then entire "airbag with jumper harness" has to be replaced.**

Make all testing at the single inline connector away from the airbag ignitor.

5. **UPDATE!** If the harness is ok and not too tightly ran, and the clock spring checked out ok, and warranty history shows that the driver's air bag has not been previously replaced then replace the driver's air bag assembly per Repair Instructions 32 34 030 Removing and installing/replacing air bag unit
6. **UPDATE!** After re-routing the wiring and when applicable replacing the driver's air bag (module) assembly, clear the fault code entry and test the system.
7. Once airbag system work is complete, start vehicle, turn steering wheel lock to lock multiple times and make sure the SRS lamp does not return.
  - If SRS lamp is no longer illuminated the vehicle can be released.

- If SRS lamp is still illuminated either the harness is routed under tension or the clock spring assembly must be replaced.

## **UPDATE!** PARTS INFORMATION

When applicable per repair Procedure Step 5:

Part Number	Description	Quantity
32 30 6 870 366	Airbag Module, Driver's side (Lodge interior P7KYA or Loft interior P7KXA)	1
Or:		
32 30 6 870 364	Airbag Module, Driver's side (Suite interior P7KZA)	1

## **UPDATE!** PARTS RETENTION

Repair-related part replacements that will be submitted for reimbursement through a DCSnet claim entry become the property of BMW NA.

Your center is responsible for the proper identification, storage and documentation of these parts. They must be held in a secure retention area until notification of claim payment is made by BMW NA through DCSnet.



**Attention: The conditional replacement of the driver's air bag (module) assembly as**

**outlined in the repair procedure of this Service Information bulletin is not part of the Takata Air Bag Recall Campaigns.**

**Currently, BMW NA will not request the return driver's air bag (module) assembly that requires replacement in conjunction with addressing the issue described in this bulletin.**

When applicable, please **DO NOT** return "this" defective airbag module to

- Takata; or the
- Warranty Parts Return Center (WPRC) or to the

However, your center is still responsible for following all the rules and regulations that apply to shipping dangerous goods for recycling/disposal.



**Warning: Inflatable air bags are classified as dangerous goods by the Department of Transportation (DOT) and require special preparation, packing and labeling to transport for return, recycling and/or disposal.**

For more information, please to the Warranty Policy and Procedure Manual's Section 6 (Warranty Parts Procedures) and [SI B 01 22 16](#) (Dangerous Goods Part Return Program).


**WARRANTY INFORMATION**

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

<b>Defect Code:</b>	<b>61 11 14 79 00</b>	<b>Cockpit wire harness - re-routing work required only (A)</b>
	<b>Or:</b>	
	<b>32 34 01 14 00</b>	<b>Airbag unit, steering wheel (Replaced per the procedure (B))</b>

**A. Cockpit wire harness - re-routing work required only**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And, as needed:		
32 34 000	Work time (WT)	Troubleshooting airbag system and re-routing wire harness as necessary

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

And, if also required as outlined in the repair procedure:

**B. Airbag unit, steering wheel - Replacement**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
32 34 519	Refer to KSD2	Replacing airbag unit (with job number 32 34 000)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 32 34 000 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 section.

## ATTACHMENTS

View PDF attachment [REP 32 34 030](#).

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