




AIRBAG WARNING LAMP ILLUMINATED


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

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

Whats new:

- Vehicle production range added
- Procedure modified, harness routing check prior to replacement removed
- Part Retention Information added
- Warranty / Defect code changed

MODEL

I01 (i3)	 Vehicles from Start of Production (SOP) to April 30, 2016
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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.



CORRECTION



Replace driver's airbag module.

PROCEDURE

Run vehicle test and follow test plan for stored ACSM4 faults

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 has securely latched into place.



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.



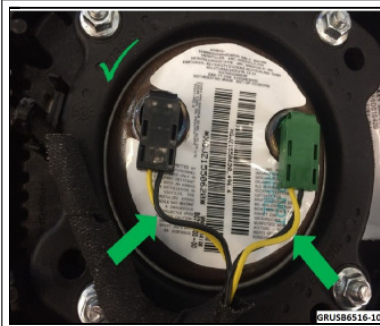
Note: **The short harness that connects directly to the driver's airbag "must" never be disconnected**

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

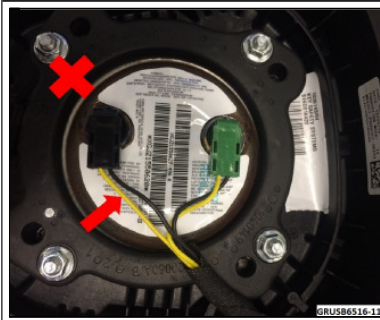
Make all testing at the single inline connector away from the airbag ignitor

UPDATE! If the harness connection is ok 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.

UPDATE! Make sure harness to air bag is not routed under tension. See pictures below.



Correct tension free routing



Incorrect routing. The yellow wire is under tension.

After replacement clear the fault code entry and test the system.

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

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

UPDATE! PARTS RETENTION

The air bag modules replaced to perform and submit for the above repair procedure are 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.

Upon claim payment, the air bag module will be return requested, a corresponding DCSnet Part Return tag will be generated.



Attention: Inflatable air bags are classified as dangerous goods (DG) by the Department of Transportation (DOT) and require special preparation, packing and labeling for transport.

- **Your center is responsible for following all rules and regulations that apply to the proper shipping of dangerous goods (DG).**
- **As listed in the “Ship To” address section of the corresponding Part Return tag, return the requested air bag module to “Lighting Resources.”**
- **Please DO NOT return these requested air bag modules directly to Takata or the WPRC**

Your center can use the Labelmaster® Dangerous Goods Information System (DGIS) for proper shipping procedures and guidelines (additional information for the DGIS can be found in SI B01 22 16).

Any return requested air bag modules that are not received by Lighting Resources within 60 days of the claim “credit date” may be subject to debit.

UPDATE! WARRANTY INFORMATION

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

Defect Code:	3234908400	Airbag unit, steering wheel
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And, as necessary:		
32 34 000	Work time (WT)	Troubleshooting airbag system
And:		
32 34 519	Refer to KSD2	Replacing airbag unit* (with job number 32 34 000)

*See the “Part Retention” section above for important information.

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

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.

DG Part Return Requests to Lighting Resources

The DG component identified above does not have a supplier specific or dedicated “pre-paid” part return shipping procedure.

For this situation, the “Ship To” section of the corresponding DCSnet Part Return tag will identify the address of the “Lighting Resources” facility this part **must** be shipped to.

Please submit for the corresponding shipping costs as described below:

Defect Code:	85800302DG	DG Part Return Requests/Specified Shipments to Lighting Resources
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And:

Sublet Code "3"	Up to \$30.00	Reimbursement for DG Part Return shipping costs that are specified to be returned to Lighting Resources
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Other Repairs

If the clock spring assembly was replaced and/or the SRS lamp was still illuminated after the air bag module replacement and additional/other work was performed as a result of performing the related ISTA diagnostics and test plans:

- When covered under an applicable limited warranty, claim this other repair work using the applicable defect code and labor operations in KSD2/AIR.

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