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This Service Information bulletin supersedes SI B65 11 16 **dated March 2016**.

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

#### **SUBJECT**

**Recall 16V-173 : Replace “Electronic Control Unit” for the Airbags**

#### **MODEL**

G12 (7 Series)

#### **NEW SITUATION**

This is now a Voluntary Safety Recall involving the replacement of the Electronic Control Unit for the Air Bags (ACSM5) on certain G12 (7 Series) BMW vehicles. The electronic control unit for the air bags might malfunction in very rare instances. In such instances, an “air bag warning” light will illuminate in the instrument cluster.

#### **NEW AFFECTED VEHICLES**

The recall was issued on G12 (7 Series) vehicles produced from July 1, 2015 to December 11, 2015.

Affected vehicles in dealer inventory must not be retailed or delivered until this issue is corrected. Vehicles at ports of entry will be repaired prior to dealer delivery.

Vehicles which require this Recall Campaign to be completed will show it as “Open” when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

#### **NEW CAUSE**

Electronic Control Unit for the Air Bags (ACSM5) may not meet BMW specification.

#### **NEW CORRECTION**

Replace the Electronic Control Unit for the Air Bags (ACSM5) and update the vehicle software.

#### **NEW PROCEDURE**

1. Replace the air bag control unit ACSM5, see Repair Instructions **RA 65 77 018**. Copy of RA attached.
  - Reference the attachment on this SIB for tips on ACSM5 removal.
  - All four ACSM5 mounting nuts are to be reused and tightened to 8 Nm of torque.
  - On G12 vehicles with option 4F5 "Executive Lounge rear console", the rear console must

be removed, see "Remove and refit the rear console" Repair Instructions **RA 52 25 350**.  
Copy of RA attached.

- The front and rear consoles have sharp edges that can cut into the dashboard or rear seat during removal. Take precautions to prevent contact that can damage the interior.

2. After ACSM5 replacement program the vehicle with ISTA/P.

- **Always connect a BMW approved battery charger / power supply ([SI B04 23 10](#)).**

#### **NEW PARTS INFORMATION**

We have a steady supply of parts coming in for this recall. Customer notification will start in May and you should have sufficient parts to actively schedule appointments.

If you have a critical request for a customer priority vehicle, please email your request to [specialpartsrequest@bmwna.com](mailto:specialpartsrequest@bmwna.com) including the following information: Dealer Code, VIN (last 7), Part number and your contact information (name and phone number).

Part Number	Description	Quantity
65 77 6 803 281	ACSM5 – Roll – only vehicles with SA2VS but <b>without</b> SA2VH	1
<b>OR</b>		
65 77 6 803 282	ACSM5 – AFS – only vehicles with SA2VS <b>and</b> SA2VH	1
<b>OR</b>		
65 77 6 803 283	ACSM5 – High - All <b>without</b> SA2VS	1

#### **NEW WARRANTY INFORMATION**

Reimbursement for this Recall will be via normal claim entry utilizing the following information:

<b>Defect Code</b>	<b>00 65 90 02 00</b>
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**Plus work: Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop**

**“Without” option code 4F5 (Executive Lounge rear console)**

Labor Operation	Labor Allowance	Description
		Replacing the airbag control unit only (Programming and coding control units performed in

00 64 564	11 FRU	conjunction with another campaign or repair during the workshop repair visit)
Or:		
00 64 566	19 FRU	Replacing the airbag control unit and programming and coding control units (Includes connecting an approved battery charger/power supply and performing a vehicle test)

**“With” option code 4F5 (Executive Lounge rear console)**

00 64 565	31 FRU	Replacing the airbag control unit only (with the rear console option) (Programming and coding control units performed in conjunction with another campaign or repair during the same workshop visit)
Or:		
00 64 567	39 FRU	Replacing the airbag control unit and programming and coding control units (with the rear console option) (Includes connecting an approved battery charger/power supply and performing a vehicle test)

**Main work: Completion after vehicle delivery to the customer**

**“Without” option code 4F5 (Executive Lounge rear console)**

Labor Operation	Labor Allowance	Description
00 64 055	13 FRU	Replacing the airbag control unit only (Programming and coding control units performed in conjunction with another campaign or repair during the same workshop visit)
Or:		
		Replacing the airbag control unit and programming and coding control units (Includes connecting

00 64 057	21 FRU	an approved battery charger/power supply and performing a vehicle test)
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**“With” option code 4F5 (Executive Lounge rear console)**

00 64 056	32 FRU	Replacing the airbag control unit <b>only</b> (with the rear console option) (Programming and coding control units performed in conjunction with another campaign or repair during the same workshop visit)
Or:		
00 64 058	41 FRU	Replacing the airbag control unit and programming and coding control units (with the rear console option) (Includes connecting an approved battery charger/power supply and performing a vehicle test)

**Vehicle Programming and Coding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

**Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and the labor operations listed in KSD2.

**CUSTOMER SATISFACTION SUPPORT –**

**ENHANCED BMW ULTIMATE BENEFITS SUITE FOR G12**

BMW strives to provide the Ultimate Service Experience to complement the Ultimate Driving Machine. Your efforts are sometimes challenged by situations that are beyond the center’s control.

- We understand you may have customers who are waiting on a Vehicle Delivery due to parts. For these customers we ask that you wow them by using BMW EMPOWER explained in SI B1 14 15. We should show our customers how much we appreciate them with a surprise and delight gesture.

- Also for customers already in their vehicle who affected by this recall, please utilize the Ultimate Benefits outlined in SI B00 09 15 and offer your customers a Valet Service to pick up and drop of their vehicle or offer a Vehicle SPA service.

**Aftersales Area Manager (AAM) “Field Authorization” (FAS) is not required.**

**Let’s show our customers just how much we appreciate them for being part of the BMW family.**

**ATTACHMENTS**

View PDF attachment [16V-xxx-MY16-G12-AirBagControlModule\(QA\)](#).

View PDF attachment [Recall Notice](#).

View PDF attachment [REP 5225350 Remove and Install Support, Rear Console](#).

View PDF attachment [REP 6577018 Replace Airbag Control Unit](#).

View PDF attachment [SI B65 11 16 Attachment](#).

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