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This Service Information bulletin supersedes SI B65 11 16 **dated April 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)

#### **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** As a result of damage to one of our suppliers factories during the recent earthquake in Japan our parts supply of electronic control units has been temporarily interrupted. We are presently reviewing various options to re-institute this supply of control units. Please make sure that all electronic control units removed from vehicles being repaired under this recall are returned to the warranty parts return center in an expedited manner. Also please refrain from ordering any electronic control units for vehicles remaining in dealer inventory. Electronic control units should only be used for customer cars or for new cars that need to be delivered to customers.

#### **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.

#### **CAUSE**

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

#### **CORRECTION**

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

#### **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

**NEW** As a result of damage to one of our suppliers factories during the recent earthquake in Japan our parts supply of electronic control units has been temporarily interrupted. We are presently reviewing various options to re-institute this supply of control units.

**NEW** Please refrain from ordering any electronic control units for vehicles remaining in dealer inventory. Electronic control units should only be used for customer cars or for new cars that need to be delivered to customers.

**NEW** Customer notification letters will be mailed in mid-May.

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

**NEW** Please make sure that all electronic control units removed from vehicles being repaired under this recall are returned to the warranty parts return center in an expedited manner.

#### **NEW** PROCEDURE

**NEW Important note: Do not ship under the normal warranty returns.** All parts must be properly packaged before shipping..

**NEW Special Parts Returns to the WPRC:**

1. **NEW** A Special Part Request with an attached prepaid FedEx Express label will be emailed to your center. Please follow the instructions listed in the email.
2. **NEW** Please use the Fedex label provided in the request to ship the part. DO NOT ship the part back through the carrier
3. **NEW** A warranty tag will be released upon the part arrival to the WPRC.

**NEW SUPPORT AND INQUIRIES**

**NEW** Questions related to Special Requested Parts should be sent to: [special-parts@bmwna.com](mailto:special-parts@bmwna.com)

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)**

<b>Labor Operation</b>	<b>Labor Allowance</b>	<b>Description</b>
00 64 564	11 FRU	Replacing the airbag control unit only (Programming and coding control units performed in 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)**

		Replacing the airbag control unit only (with the rear console option)
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00 64 565	31 FRU	(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:		
00 64 057	21 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 64 056	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:		
		Replacing the airbag control unit and programming and coding control units

00 64 058	41 FRU	(with the rear console option) (Includes connecting an approved battery charger/power supply and performing a vehicle test)
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### 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 defect code listed in this bulletin applies only to control modules that fail during this programming session.

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

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

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

View PDF attachment [Recall Notice.](#)

View PDF attachment [SI B65 11 16 Attachment 2.](#)

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