



SIM 65 01 20

2020-05-28

## RECALL 20V-283: ROLLOVER SENSOR

This Service Information Bulletin (Revision 2) replaces SI M65 01 20 **dated May 2020**.

### What's New (Specific text highlighted):

- All sections updated except Model and Situation
- Repair instructions attached.

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.

## MODEL

E-Series	Model Description	Production Date
F54	MINI Clubman	March 18, 2020 – March 20, 2020
F55	MINI Hardtop 4 Door	March 12, 2020 – March 20, 2020
F56	MINI Hardtop 2 Door	March 12, 2020 – March 20, 2020

## AFFECTED VEHICLES

Affected vehicles which require this Campaign to be completed will show it as “Open” when checked either in AIR, the “Service Menu” of DCSnet (Dealer Communication System), ISPA NEXT or Warranty Vehicle Inquiry.

## SITUATION

BMW AG has upgraded this campaign to a Safety Recall (effective May 20, 2020) which was initially released as a Delivery Stop on May 8, 2020. This recall affects a small number of Model Year 2020-2021 MINI vehicles that were produced between March 12, 2020 and March 20, 2020.

The rollover sensor may not have been produced to specifications by the supplier. In a rollover, the head air bag and safety belt pretensioner may not deploy as intended which could increase the risk of injury.

The Recall notice and Q&A have been attached for further information.

## CAUSE

The rollover sensor, internal to the Air Bag Control Unit (ACSM), may not have been produced to specifications by the supplier.

## CORRECTION

Replace the ACSM Air Bag Control Unit.

## PROCEDURE

Perform diagnosis with the latest version of ISTA.

Replace airbag control unit according to Repair Instructions 65 77 016.

Program the vehicle using the latest version of ISTA.

Note that ISTA 4 will automatically reprogram and code all programmable control modules that do not have the latest software.

**Always connect a MINI-approved battery charger/power supply (SI M04 08 09).**

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

## **PARTS INFORMATION**

Only use and invoice the part number below.

Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part number may result with the wrong part number being invoiced and installed, this could delay the payment of the claim.

Please monitor the Parts Matrix for the parts ordering procedure.

Part Number	Description	Quantity
65 77 9 873 244	Control Unit Airbag	1

Additionally, other small parts that are not specified above, such as one-time use screws, nuts and seals, which must be replaced according to the ISTA repair instructions/ETK, must be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the special defect code.

## **WARRANTY INFORMATION**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

**Replace the air bag control unit and update the vehicle to the required I-level by performing and submitting for this Recall Campaign.**

**For the other open campaign repairs, please be sure to also perform any additional work (before and/or after) these repairs require and/or close the remaining programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.**

Reimbursement for this Recall will be via normal claim entry utilizing the applicable work package information below that applies and the part number listed above:

<b>Defect Code:</b>	<b>0065360300</b>
---------------------	-------------------

**Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 668	Replacing air bag control unit, <b>programming/encoding vehicle control units</b> (includes connecting an approved battery charger/power supply and performing a vehicle test)	16 FRU (F55/F56); 20 FRU (F56-SE); 25 FRU (F54)
Or:			
# 2	00 69 669	Replacing air bag control unit, <b>(programming/encoding vehicle control units was performed in conjunction with another campaign or repair during the same workshop visit</b>	9 FRU (F55/F56); 12 FRU (F56-SE); 18 FRU (F54)

Or:

**The vehicle arrives at your dealer and this Recall shows open (No other main work will be performed or claimed during this workshop visit)**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 69 156	Replacing air bag control unit, <b>programming/encoding vehicle control units</b> (includes connecting an approved battery charger/power supply and performing a vehicle test)	18 FRU (F55/F56); 21 FRU (F56-SE); 27 FRU (F54)

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

### Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: M65 01 20 WP 1), unless otherwise required by State law.

And, as applicable:

### Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to [SI M01 01 17](#) for additional information.

### Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

Supporting Materials

[picture\\_as\\_pdf M650120\\_2020-MINI-MY2020-2021-Fxx-RolloverSensor-QA-\(20May2020\).pdf](#)

[picture\\_as\\_pdf M650120\\_REP 65 77 016.pdf](#)

[picture\\_as\\_pdf M650120 Recall Notice.pdf](#)

## **SAFETY RECALL NOTICE**

To: All Center Operators, Sales Managers, Service Manager, Parts Manager and Warranty Processor

RE: Recall 20V-283: Rollover Sensor – M65 01 20

BMW AG is conducting a Voluntary Safety Recall (effective May 20, 2020) on a small number of Model Year 2020-2021 MINI vehicles that were produced between March 12, 2020 and March 20, 2020.

**Please be reminded that it is a violation of federal law (The Safety Act) for you to sell, lease or deliver any new motor vehicle covered by this notification until the recall repair has been performed. This means that centers may not legally deliver new motor vehicles to consumers until they are fixed or use/sell replacement equipment/parts subject to this recall. Note also that substantial civil penalties apply to violations of the Safety Act.**

**Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a safety recall until the repair is completed.**

**Please follow any special instructions that we provide to you for the return or disposition of recall parts.**

We appreciate all your assistance with this Recall.

## Repair instruction

## 65 77 016 Removing and installing/replacing airbag control unit

**Warning!**

Note airbag safety regulations!

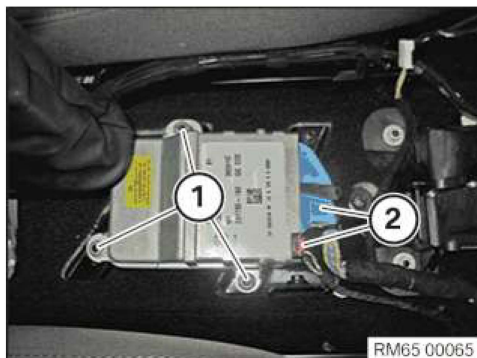
Failure to observe correct procedures can deploy the airbag and cause injuries.

**Important:**

Read and comply with notes on protection against electrostatic damage (ESD protection).

**Preliminary work needed:**

- Disconnect cable from battery earth lead
- Remove center console support

**Removal:**

Unscrew nuts (1).

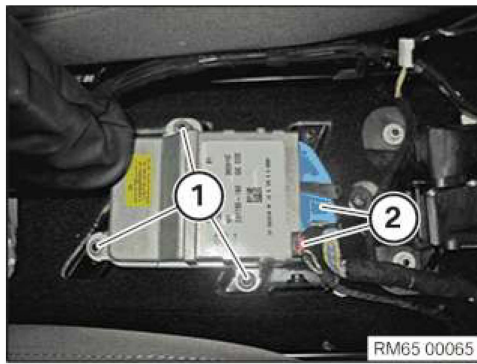
Unlock plug connections (2) and disconnect.

Remove airbag control unit (3).

**Installation:**

Position airbag control unit (3).

Tighten down nuts (1).



Tightening torque 65 77 1AZ.

Join and lock plug connections (2).



Required reworking:

- Installing center console support
- Connect battery ground lead
- Run the service function to adjust the sensors for the driving dynamics as follows:
  - Chassis
  - Traction control system
  - Adjustment of the driving dynamics sensors



Replacement:

Carry out programming/coding.

**Safety Recall 20V-283  
Rollover Sensor  
Model Year 2020-2021  
MINI 2 Door, 4 Door, Clubman  
Last Update: 05/20/2020**

**Q1. Which MINI models in the US are potentially affected by this Safety Recall?**

Certain Model Year 2020-2021 MINI Hardtop 2 Door, Hardtop 4 Door, and Clubman models in the US, produced between March 12, 2020 and March 20, 2020, are potentially affected.

**Q2. What is the specific issue?**

The rollover sensor may not have been produced to specifications by the supplier. In a rollover, the head air bag and safety belt pretensioner may not deploy as intended which could increase the risk of injury.

**Q3. Why are other models / vehicles not included in this Safety Recall?**

The rollover sensor in other models was produced to specifications by the supplier.

**Q4. Can I continue to drive my vehicle?**

Yes. However, when you receive a letter requesting you to make an appointment to have this Safety Recall performed by an authorized MINI dealer, please do so as soon as possible. If you are not the only driver of this vehicle, please advise all other drivers of this important information.

**Q5. Can I determine if this issue exists in my vehicle?**

No.

**Q6. How did MINI become aware of the issue?**

MINI became aware of the issue through our quality control procedures.

**Q7. How will I be informed of this Safety Recall?**

Letters will be mailed to owners in July via First Class mail to advising them of this Safety Recall and requesting them to schedule an appointment with an authorized MINI dealer to have the repair performed. You can locate your nearest authorized MINI dealer at [www.miniusa.com/dealer](http://www.miniusa.com/dealer). To ensure MINI has the most recent contact and vehicle information, owners should register their vehicle at [www.miniusa.com/ol](http://www.miniusa.com/ol). Registration is free, and will give them access to factory initiated campaigns and other information specific to their MINI.

**Q8. How will my vehicle be repaired?**

The air bag control unit (which contains the rollover sensor) will be replaced for free and will take about one hour.

**Q9. Do I have to wait for my letter to have my vehicle serviced?**

Yes. MINI is in the process of ensuring that the necessary tools, parts, and procedures are available prior to contacting you to schedule an appointment with your authorized MINI dealer to have this important Safety Recall performed. For the latest updates to this Safety Recall, please visit [www.miniusa.com/recall](http://www.miniusa.com/recall).