

**DELIVERY STOP and RECALL 18V-465:REPLACE THE CRANKSHAFT SENSOR**

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.

This Service Information bulletin replaces SI B12 21 18 **dated July 2018**

**What's New:**

- Changed to a Safety Recall
- Situation and Affected Vehicles section has been updated

**MODEL**

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31(3 Series Sport Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series GC)
F39 (X2)	F48 (X1)	G12 (7 Series)	G30 G30 (5 Series Sedan)
G32 (6 Series Gran Turismo)			

**SITUATION**

**UPDATE!** BMW Group is conducting a Voluntary Safety Recall on several Model Year 2018-2019 BMW vehicles produced from May 16 through June 8, 2018. This is an existing campaign that was upgraded to a Safety Recall (effective September 6, 2018).

The signal value of the crankshaft sensor wheel cannot be processed. As a result, this can lead to a rough running engine, or reduced power. A check control message (MIL on) may be displayed.

**AFFECTED VEHICLES**

**UPDATE!** Approximately 4,207 vehicles are affected by this delivery stop/recall. 3,590 vehicles are still open and 617 vehicles have been added to the campaign.

- Pipeline: 671 vehicles (will be repaired prior to shipping to the dealers)
- Dealer Inventory: 1,181 vehicles
- Retailed: 2,355 vehicles (can include dealer owned vehicles, i.e. demonstrators)

Affected vehicles will show the campaign as “Open” when checked either in Warranty Vehicle Inquiry, AIR or ISPA Next and identified with the description: **0013810200 B122118 Recall: Replace Crankshaft Sensor**. All of the other systems including DAR and the RDR system will show the Stop Sale Sign starting tomorrow. Please utilize the Inventory Campaign Details under ROSS which shows all vehicles that have a Stop Sale in your inventory.



Note: Before performing the repair, please check previous repairs if part number 13 62 7 806 782

was already installed. If yes, then you do not need to repair the vehicle but the campaign still needs to be closed. Please send an email to [RecallQuestions@bmwna.com](mailto:RecallQuestions@bmwna.com) with the VIN and screenshot of the previous repair and we will manually close the campaign.

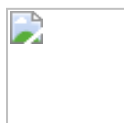
## CAUSE

There is a possibility that the crankshaft sensor is effected by a manufacturing defect.

## CORRECTION

Replace crankshaft sensor

## PROCEDURE



Attention: Before carrying out the Technical Campaign, the specific repair instructions must be

reviewed. Additional small parts may be required to replace the crankshaft sensor.

To replace crankshaft sensor, follow repair instructions RA 12 14 521 Replace crankshaft speed pulse sensor (after vehicle diagnosis) or RA 13 62 610 Replace impulse sender crankshaft.

Part Number	Description	Quantity
13 62 7 806 782	Crankshaft Sensor	1

## WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>0013810200</b>	
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**Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop**

Labor Operation:	Labor Allowance:	Description:
00 66 728	Refer to KSD2/AIR	Replacing crankshaft sensor ( <b>without</b> the “MIL” on) (Plus work)
Or:		
00 66 729	Refer to KSD2/AIR	Replacing crankshaft sensor ( <b>with</b> the “MIL” on, (includes connecting an approved battery

charger/power supply and performing a vehicle test) (Plus work)

Or:

### Completion after vehicle delivery to the customer (with no other Main work claimed)

Labor Operation:	Labor Allowance:	Description:
00 66 138	Refer to KSD2/AIR	Replacing crankshaft sensor ( <b>without</b> the “MIL” on) (Main work)
Or:		
00 66 139	Refer to KSD2/AIR	Replacing crankshaft sensor ( <b>with</b> the “MIL” on, includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)

And, also as applicable:

### Sublet – Bulk Materials

<b>Sublet Code 4</b>	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price for the “quantities used” plus your center’s handling.

BMW Antifreeze/Coolant: Claim for the amount that is needed to replace what was drained with a “50/50 coolant/water solution.”

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

And, as applicable:

### Alternative Mobility Solution (AMS) for Vehicle Owners

This 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 [B01 29 16](#) for additional information.

### Overlapping Labor Procedure – Other Repairs

If invoicing the KSD2/AIR flat rate labor operation codes for other repair work results in overlapping labor, for those flat rate labor operations that are affected, you are able to:

- Replace the stated KSD2 “FRU allowance” with a “reduced FRU value” to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a “reduced FRU value.”

Posted: Friday, September 7, 2018

## **ATTACHMENTS**

View PDF attachment [2018-2019-BMWMINI-CrankshaftSensor-QA-\(6Sep2018\)](#).

View PDF attachment [B122118 Recall Notice](#).