From: **Broadcast Messaging System** To: **DL-BMS Message Monitors**

Subject: BMW Delivery Stop & Recall 18V-465: Replace the Crankshaft Sensor

Date: Friday, September 7, 2018 3:11:18 PM

Publish Date: September 07, 2018 Technical Service September 28, 2018 Expiration Date:

DCSnet Message Urgent



Subject: BMW Delivery Stop & Recall 18V-465: Replace the Crankshaft

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.

Repair, parts and warranty information is already available in SIB B12 21 18. See attachments for more information.

Sincerely,

Technical Service

Attachments:

B122118 Recall Notice[81cadd87].pdf

B122118[81cadd86].pdf

2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018)[81cadd81].pdf

B122118 Recall Notice[81cadd87].pdf

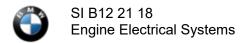
B122118[81cadd86].pdf

2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018)[81cadd81].pdf

BMW Passenger Cars, CC-All Recipients:

BMW Passenger Cars, All Offerings, All Regions, All Areas, All Departments, All Personnel

TIS Service Bulletin Page 1 of 4



August 2018 Technical Service

DELIVERY STOP & 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

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

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

TIS Service Bulletin Page 2 of 4

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 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:

·		
Defect Code:	0013810200	

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 (without the "MIL" on) (Plus work)
Or:		
00 66 729	Refer to KSD2/AIR	Replacing crankshaft sensor (with the "MIL" on, (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

Or:

TIS Service Bulletin Page 3 of 4

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 (without the "MIL" on) (Main work)
Or:		
00 66 139	Refer to KSD2/AIR	Replacing crankshaft sensor (with 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

Sublet Code 4	reimbursement	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."

TIS Service Bulletin Page 4 of 4

Posted: Friday, September 7, 2018

ATTACHMENTS

View PDF attachment 2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018).

View PDF attachment **B122118 Recall Notice**.

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SAFETY RECALL NOTICE

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

RE: Delivery Stop & Recall 18V-465: Replace Crankshaft Sensor B12 21 18

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).

Owners will be notified by First Class mail about the Recall and will be instructed to bring their vehicles in for a free repair when parts are available.

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.

Crankshaft Sensor Safety Recall 18V-465 Model Year 2018-2019 BMW / MINI

Last Updated 09/07/2018

Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?

Approximately 4,207 Model Year 2018-2019 BMW models, and 1,183 Model Year 2019 MINI models, in the US, produced between May and June 2018, are potentially affected. Specific information is as follows:

BMW

Series	Model	Model Year	Approx. Volume	Production Dates
F22	2 Series Coupe	2018	28	May 22, 2018 – May 30, 2018
F23	2 Series Convertible	2018	95	May 18, 2018 – Jun 7, 2018
F30	3 Series Sedan	2018	450	May 22, 2018 - May 30, 2018
F31	3 Series Sports Wagon	2018	5	May 16, 2018 – May 29, 2018
F32	4 Series Coupe	2019	217	May 16, 2018 – Jun 7, 2018
F33	4 Series Convertibles	2019	302	May 17, 2018 – Jun 7, 2018
F34	3 Series Gran Turismo	2018	9	May 16, 2018 – May 29, 2018
F36	4 Series Gran Coupe	2019	484	May 16, 2018 – Jun 6, 2018
F39	X2	2018	651	May 16, 2018 – Jun 6, 2018
F48	X1	2018	634	May 16, 2018 – Jun 6, 2018
G12	7 Series Sedan	2019	106	May 17, 2018 – Jun 6, 2018
G30	5 Series Sedan	2018	1,194	May 17, 2018 – Jun 8, 2018
G30d	5 Series Sedan (Diesel)	2018	4	May 17, 2018 – Jun 6, 2018
G32	6 Series Gran Turismo	2018	32	May 17, 2018 – Jun 5, 2018

MINI

Series	Model	Model Year	Approx	Production Dates
			Volume	
F54	Clubman	2019	112	May 21, 2018 – Jun 12, 2018
F55	Hardtop 4 Door	2019	163	May 22, 2018 – Jun 13, 2018
F56	Hardtop 2 Door	2019	215	May 22, 2018 – Jun 12, 2018
F57	Convertible	2019	311	May 18, 2018 – Jun 12, 2018
F60	Countryman	2019	382	May 26, 2018 – Jun 12, 2018

Q2. What is the specific issue?

The engine's crankshaft sensor was not produced to specifications and, therefore, may not be able to accurately process engine input signals.

Q3. What can happen as a result of this issue?

The engine may continue to run, but would do so in a reduced power mode, or it may run roughly. In some cases, it could stall, increasing the risk of a crash. A warning lamp may be illuminated in the instrument cluster.

If you experience stalling, pull off the road to a safe location away from traffic. All occupants should carefully exit the vehicle and move to a safe location away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 or MINI Roadside Assistance at 1-866-646-4772 immediately to have your vehicle brought to the nearest authorized BMW center or MINI dealer.

Q4. Why are other BMW Group vehicles not included in this Safety Recall?

The crankshaft sensor in other vehicles was produced to specifications.

Q5. How did BMW Group become aware of this issue?

BMW Group became aware of this issue through its quality control procedures.

Crankshaft Sensor Safety Recall 18V-465 Model Year 2018-2019 BMW / MINI Last Updated 09/07/2018

Q6. Can I determine if this issue exists in my vehicle?

If your vehicle starts to operate in a reduced power mode, if you experience a rough running engine, or if the engine stalls, then your vehicle may be experiencing this issue.

Q7. Can I continue to drive my vehicle?

Yes. However, you should make an appointment to have this Safety Recall performed by an authorized BMW center or MINI dealer, as soon as possible. If you are not the only driver of this vehicle, please advise all other drivers of this important information.

Q8. How will my vehicle be repaired?

The crankshaft sensor will be replaced for free and can take up to several hours to replace.

Q9. Is BMW Group aware of any accidents, injuries or fires, in the US, involving these BMW Group vehicles associated with this Safety Recall?

Q10. How will I be informed of this Safety Recall?

You will receive a <u>letter before the end of November</u> via First Class mail advising you of this Safety Recall and requesting you to schedule an appointment with an authorized BMW center or MINI dealer to have this Safety Recall performed. You can locate your nearest authorized BMW center at <u>www.bmwusa.com/dealers</u> or MINI dealer at <u>www.miniusa.com/dealer</u>.

To ensure the BMW Group has your most recent contact and vehicle information, please register your BMW vehicle at www.bmwusa.com/myBMW, or your MINI vehicle at www.miniusa.com/ol. Registration is free, and will give you access to factory initiated campaigns and other information specific to your vehicle.

Q11. How long will the repair take?

This repair time depends upon vehicle model and could take several hours; however, additional time may be required depending upon your BMW center's or MINI dealer's schedule. The repair will be performed for free by your authorized BMW center or MINI dealer.

Q12. Do I have to wait for my letter to have my vehicle serviced?

No. Please contact your nearest authorized BMW center at www.bmwusa.com/dealers or MINI dealer at www.miniusa.com/dealer to schedule a repair.

From: **Broadcast Messaging System** To: **DL-BMS Message Monitors**

Subject: MINI Delivery Stop & Recall 18V-465: Replace the Crankshaft Sensor

Date: Friday, September 7, 2018 3:11:04 PM



DCSnet Message Urgent



Subject: MINI Delivery Stop & Recall 18V-465: Replace the Crankshaft

BMW Group is conducting a Voluntary Safety Recall on several Model Year 2019 MINI vehicles produced from May 18 through June 13, 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.

Repair, parts and warranty information is already available in SIB M12 12 18. See attachments for more information.

Sincerely,

Technical Service

Attachments:

M121218 Recall Notice[81cadda2].pdf

M121218[81cadda1].pdf

2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018)[81cadda0].pdf

M121218 Recall Notice[81cadda2].pdf

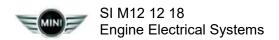
M121218[81cadda1].pdf

2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018)[81cadda0].pdf

Recipients:

MINI Passenger Cars, CC-MiniManagers MINI Passenger Cars, All Offerings, All Regions, All Areas, All Departments, All Personnel

TIS Service Bulletin Page 1 of 3



September 2018 Technical Service

DELIVERY STOP & 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 M12 12 18 dated July 2018

What's New:

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

MODEL

II E54 (MINI CILIDMAN)	F55 (MINI Hardtop 4 Door)	F56 (MINI Hardtop 2 Door)	F57 (MINI Convertible)
F60 (MINI Countryman)			

SITUATION

BMW Group is conducting a Voluntary Safety Recall on several Model Year 2019 MINI vehicles produced from May 18 through June 13, 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

Approximately 1,183 vehicles are still open that are now affected by this delivery stop/recall.

- Pipeline: 192 vehicles (will be repaired prior to shipping to the dealers)
- Dealer Inventory: 259 vehicles
- Retailed: 732 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: **0013820200 M121218 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.

Affected 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.

TIS Service Bulletin Page 2 of 3



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@MINlusa.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

PARTS INFORMATION

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:

Defect Code:	0013820200	

Completion "before" vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 66 730	Refer to KSD2/AIR	Replacing crankshaft sensor (without the "MIL" on) (Plus work)
Or:		
00 66 731	Refer to KSD2/AIR	Replacing crankshaft sensor (with 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)

TIS Service Bulletin Page 3 of 3

Labor Operation:	Labor Allowance:	Description:	
00 66 140	Refer to KSD2/AIR	Replacing crankshaft sensor (without the "MIL" on) (Main work)	
Or:			
00 66 141	Refer to KSD2/AIR	Replacing crankshaft sensor (with the "MIL" on, includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)	

And, as applicable:

Sublet - Bulk Materials

	reimbursement	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 (MINI part numbers) is at the dealer net price for the "quantities used" plus your center's handling.

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

And, also as applicable:

Alternative Mobility Solution (AMS) for Vehicle Owners

This Emissions 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.

Posted: September 7, 2018

ATTACHMENTS

View PDF attachment 2018-2019-BMWMINI-CrankshaftSensor-QA-(6Sep2018).

View PDF attachment M121218 Recall Notice.

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SAFETY RECALL NOTICE

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

RE: Delivery Stop & Recall 18V-465: Replace Crankshaft Sensor M12 12 18

BMW Group is conducting a Voluntary Safety Recall on several Model Year 2019 MINI vehicles produced from May 18 through June 13, 2018. This is an existing campaign that was upgraded to a Safety Recall (effective September 6, 2018).

Owners will be notified by First Class mail about the Recall and will be instructed to bring their vehicles in for a free repair when parts are available.

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.

Crankshaft Sensor Safety Recall 18V-465 Model Year 2018-2019 BMW / MINI

Last Updated 09/07/2018

Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?

Approximately 4,207 Model Year 2018-2019 BMW models, and 1,183 Model Year 2019 MINI models, in the US, produced between May and June 2018, are potentially affected. Specific information is as follows:

BMW

Series	Model	Model Year	Approx. Volume	Production Dates
F22	2 Series Coupe	2018	28	May 22, 2018 – May 30, 2018
F23	2 Series Convertible	2018	95	May 18, 2018 – Jun 7, 2018
F30	3 Series Sedan	2018	450	May 22, 2018 - May 30, 2018
F31	3 Series Sports Wagon	2018	5	May 16, 2018 – May 29, 2018
F32	4 Series Coupe	2019	217	May 16, 2018 – Jun 7, 2018
F33	4 Series Convertibles	2019	302	May 17, 2018 – Jun 7, 2018
F34	3 Series Gran Turismo	2018	9	May 16, 2018 – May 29, 2018
F36	4 Series Gran Coupe	2019	484	May 16, 2018 – Jun 6, 2018
F39	X2	2018	651	May 16, 2018 – Jun 6, 2018
F48	X1	2018	634	May 16, 2018 – Jun 6, 2018
G12	7 Series Sedan	2019	106	May 17, 2018 – Jun 6, 2018
G30	5 Series Sedan	2018	1,194	May 17, 2018 – Jun 8, 2018
G30d	5 Series Sedan (Diesel)	2018	4	May 17, 2018 – Jun 6, 2018
G32	6 Series Gran Turismo	2018	32	May 17, 2018 – Jun 5, 2018

MINI

Series	Model	Model Year	Approx	Production Dates
			Volume	
F54	Clubman	2019	112	May 21, 2018 – Jun 12, 2018
F55	Hardtop 4 Door	2019	163	May 22, 2018 – Jun 13, 2018
F56	Hardtop 2 Door	2019	215	May 22, 2018 – Jun 12, 2018
F57	Convertible	2019	311	May 18, 2018 – Jun 12, 2018
F60	Countryman	2019	382	May 26, 2018 – Jun 12, 2018

Q2. What is the specific issue?

The engine's crankshaft sensor was not produced to specifications and, therefore, may not be able to accurately process engine input signals.

Q3. What can happen as a result of this issue?

The engine may continue to run, but would do so in a reduced power mode, or it may run roughly. In some cases, it could stall, increasing the risk of a crash. A warning lamp may be illuminated in the instrument cluster.

If you experience stalling, pull off the road to a safe location away from traffic. All occupants should carefully exit the vehicle and move to a safe location away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 or MINI Roadside Assistance at 1-866-646-4772 immediately to have your vehicle brought to the nearest authorized BMW center or MINI dealer.

Q4. Why are other BMW Group vehicles not included in this Safety Recall?

The crankshaft sensor in other vehicles was produced to specifications.

Q5. How did BMW Group become aware of this issue?

BMW Group became aware of this issue through its quality control procedures.

Crankshaft Sensor Safety Recall 18V-465 Model Year 2018-2019 BMW / MINI Last Updated 09/07/2018

Q6. Can I determine if this issue exists in my vehicle?

If your vehicle starts to operate in a reduced power mode, if you experience a rough running engine, or if the engine stalls, then your vehicle may be experiencing this issue.

Q7. Can I continue to drive my vehicle?

Yes. However, you should make an appointment to have this Safety Recall performed by an authorized BMW center or MINI dealer, as soon as possible. If you are not the only driver of this vehicle, please advise all other drivers of this important information.

Q8. How will my vehicle be repaired?

The crankshaft sensor will be replaced for free and can take up to several hours to replace.

Q9. Is BMW Group aware of any accidents, injuries or fires, in the US, involving these BMW Group vehicles associated with this Safety Recall?

Q10. How will I be informed of this Safety Recall?

You will receive a <u>letter before the end of November</u> via First Class mail advising you of this Safety Recall and requesting you to schedule an appointment with an authorized BMW center or MINI dealer to have this Safety Recall performed. You can locate your nearest authorized BMW center at <u>www.bmwusa.com/dealers</u> or MINI dealer at <u>www.miniusa.com/dealer</u>.

To ensure the BMW Group has your most recent contact and vehicle information, please register your BMW vehicle at www.bmwusa.com/myBMW, or your MINI vehicle at www.miniusa.com/ol. Registration is free, and will give you access to factory initiated campaigns and other information specific to your vehicle.

Q11. How long will the repair take?

This repair time depends upon vehicle model and could take several hours; however, additional time may be required depending upon your BMW center's or MINI dealer's schedule. The repair will be performed for free by your authorized BMW center or MINI dealer.

Q12. Do I have to wait for my letter to have my vehicle serviced?

No. Please contact your nearest authorized BMW center at www.bmwusa.com/dealers or MINI dealer at www.miniusa.com/dealer to schedule a repair.