



SI B11 26 15
Engine

February 2016
Technical Service

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 supersedes SI B11 26 15 **dated February 2016**

SUBJECT

Delivery Stop: B58 Engine – Check and Replace Crankshaft Guide Bearing

MODEL

F30 (3 Series Sedan) with manual transmission

SITUATION

The upper crankshaft guide bearing may wear out prematurely. The wear on the upper guide bearing can cause the clutch pedal to malfunction during shifting. The Engine Malfunction warning may be illuminated and a fault will be stored in the DME memory for the crankshaft sensor. Noise may be heard from the lower engine and transmission bell housing area. Engine damage can occur in rare occasions.

AFFECTED VEHICLES

This Service Action involves F30 vehicles produced from July 2015 to November 2015

Vehicles which require this Service Action 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.

PROCEDURE

1. Before disassembling the vehicle enter a PuMA case with “B58 Guide Bearing” in the subject line and wait for a response.

The case will be answered and the appropriate bearing will be released from parts stock. Do not order any of the bearing part numbers listed below in parts list A. These parts are blocked from ordering.

Provide your dealer number and an accurate shipping address with a contact person in the case. The TC agent will ship an overnight package to your dealer with the special tool needed to remove the crankshaft guide bearing from the engine.

The bearings will be sent to your dealer via overnight shipping from your facing PDC if the case is processed before 2PM Eastern Standard Time (EST) on that day.

2. Order the parts listed in parts list B. These parts are not blocked. Do not disassemble the vehicle until all of the parts and tools are received.
3. When all of the parts and tools are received then refer to the attached repair procedure for checking and replacing the crankshaft guide bearing shells.

4. If the crankshaft guide bearing or crankshaft is found damaged during the inspection then the engine must be replaced and the engine replacement requires TeileClearing authorization.

The TC case description must contain the following information:

- Describe the condition of engine oil and engine oil filter.
- Attach photos of the engine oil filter, damaged crankshaft bearing and the crankshaft bearing surfaces.

PARTS INFORMATION

Parts List A:

These parts are blocked from ordering. Only two of the following part numbers will be shipped to your dealer.

Part Number	Description	Quantity
11 21 8 588 662	Lower guide bearing shell B58 blue 55 mm	1
Or:		
11 21 8 588 663	Lower guide bearing shell B58 green 55 mm	1
And:		
11 21 8 647 451	Upper guide bearing shell B58 green 55 mm	1
Or:		
11 21 8 647 452	Upper guide bearing shell B58 brown 55 mm	1

Parts List B:

If required, order these parts via normal parts ordering procedures.

Part Number	Description	Quantity
11 11 8 604 584	Main bearing bolts	2
11 41 8 612 615	Oil deflector and oil pump bolts	20
11 42 8 583 898	Oil filter element B58	1
31 10 6 856 004	Foam Seal	2

Sublet – Bulk Materials

NEW Part Number	Description	Quantity
83 19 0 404 517	Loctite 5970 Liquid Sealant (50ml)	As needed
83 21 2 365 954	Engine Oil	6.5 liters

WARRANTY INFORMATION

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

Defect Code:	00 11 07 04 00	
Labor Operation:	Labor Allowance:	Description:
00 63 968	1 FRU	Issue already addressed through another repair as noted below, no repair is necessary (Plus work)

Affected vehicles which had a new or remanufactured engine (with cylinder head) assembly installed on or after June 1, 2015, the replacement part is Service Action compliant, no further repair is necessary.

NEW Or:

NEW Repair completion “before” vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 63 969	43 FRU	Check and replace the engine guide bearings (Plus work)

Or:

NEW Repair completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 63 327	46 FRU	Check and replace the engine guide bearings (Main work)

And:

Sublet – Bulk Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (Please do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.

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

Alternate Repair for Bearing Damage

If other work and parts are needed as a result of the issue described in this bulletin, in place of the parts and labor operations listed above, claim this other work using the applicable KSD2 labor operations (11 00 091 or 11 00 591, 11 99 000 and 00 50 000) under the defect code listed above.

Overlapping Labor – Associated and/or Other Repairs

If invoicing KSD2 flat rate labor operation codes for the additional repair work results in overlapping labor being claimed, invoice work time labor operation 00 50 000 for the additional time (FRU) minus the overlap instead.

On the repair order and in the claim comment section, please identify the labor operations that labor operation code 00 50 000 replaces and itemize the claimed FRU amount.

Work time labor operation code 00 50 000 is not considered a Main labor operation.

Associated Repairs: When work time labor operation 00 50 000 is used as an extension of the repair outlined in this bulletin, a separate defect code and punch time(s) are not required.

Other Repairs: When work time labor operation 00 50 000 is used for work that will be claimed under different defect codes, separate punch time(s) are required.

ATTACHMENTS

View PDF attachment [B112615_Delivery_Stop_Legal.](#)

View PDF attachment [B112615_VIN_List.](#)

View PDF attachment [B112615_Instructions.](#)

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