



## Service Action: B38 Engine – Check and Replace Crankshaft Guide Bearing

Please perform the procedure outlined in this Service Information on all affected vehicles before the next time the vehicle is in the shop.

### MODEL

F55 (Cooper Hardtop 4 Door)	F56 (Cooper Hardtop 2 Door)
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### SITUATION

The upper crankshaft guide bearing may wear out prematurely. The wear on the 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 and engine damage can occur in rare occasions.

### AFFECTED VEHICLES

This Service Action involves F55 and F56 vehicles produced December 2014 to June 2015.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

### PROCEDURE

1. Refer the attached VIN list for the identification and ordering instructions. Once the proper part number is identified and it is in stock at your dealer then you may start the repair procedure. Do not disassemble the vehicle until the repair parts are received.
2. Refer to the attached repair procedure for additional information about checking and replacing the crankshaft guide bearing.

If the crankshaft guide bearing or crankshaft is found damaged during the inspection then the engine must be replaced and the vehicle retrofitted via ISTA/P. Engine replacement also require 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 crankshaft bearing surfaces.

**Do not start the vehicle with the newly installed engine. Retrofit required!**

#### Replacement engines only:

Go to ISTA/P conversions and carry out the "Conversion of the cylinderhead/engine" retrofit.

After the conversion retrofit is complete verify that "KB3M" is now shown in the vehicle order.

### PARTS INFORMATION

All Service Action parts are non-returnable. With the limited amount of vehicles involved, please verify the failure prior to ordering parts.

It is critical that you limit your orders to vehicles that are at your dealer now or are scheduled for repairs within the next few days.

Order bearing repair kits only after using the attached VIN list.

If you need part number 8669010, 8669011 or 8669019 you will need to open an IDS Ticket with VIN.

Part Number	Description	Quantity
11 21 8 669 010	Guide Bearing Repair Kit D45 (brown/green)	1

Or

Part Number	Description	Quantity
11 21 8 669 011	Guide Bearing Repair Kit D45 (brown/brown)	1

Or

Part Number	Description	Quantity
11 21 8 669 009	Guide Bearing Repair Kit D45 (green/brown)	1

Or

Part Number	Description	Quantity
11 21 8 669 008	Guide Bearing Repair Kit D45 (green/green)	1

Or

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Part Number	Description	Quantity
11 21 8 669 007	Guide Bearing Repair Kit D45 (green/blue)	1

Or

Part Number	Description	Quantity
11 21 8 669 006	Guide Bearing Repair Kit D45 (blue/green)	1

Or

Part Number	Description	Quantity
11 21 8 669 019	Guide Bearing Repair Kit D45 (blue/blue)	1

And the following:

Part Number	Description	Quantity
11 11 8 604 584	Main bearing bolts	2
11 41 8 612 615	Oil Deflector and oil pump Bolts	11
11 42 8 570 590	Oil Filter Element	1

And:

**Sublet – Bulk Materials**

Part Number	Description	Quantity
83 19 0 404 517	Loctite 5970 Liquid Sealant (50ml)	As needed
83 21 2 365 955	Engine Oil (0W-20)	4.25 liters

**WARRANTY INFORMATION**

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

<b>Defect Code:</b>	<b>11350400</b>	
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**No repair is necessary**

Labor Operation:	Labor Allowance:	Description:
00 64 206	1 FRU	Issue already addressed through another repair as noted below, no repair is necessary (Main 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.

Or, when the:

**Crankshaft Guide Bearing is not Damaged**

Labor Operation:	Labor Allowance:	Description:
00 64 205	36 FRU	Check and replace the engine guide bearings (Main work)

Or, when the:

**Crankshaft Guide Bearing is Damaged**

Labor Operation:	Labor Allowance:	Description:
00 64 204	201 FRU	Check the engine guide bearings, replace the engine, program and encode control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)
Includes conversion of the cylinderhead/engine" retrofit via ISTA/P.		

And:

**Sublet – Bulk Materials**

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

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

#### **Overlapping Labor – Associated and/or Other Repairs**

If invoicing the KSD2 flat rate labor operation codes for other repair work results in overlapping labor, invoice work time (WT) labor operation 00 50 000 instead for the additional labor time needed (FRUs minus the overlapping labor).

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

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.

**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.

#### **Vehicle Programming and Coding (when Labor Operation 00 64 204 Applies)**

When ISTA/P automatically reprograms and codes all the vehicle control modules that currently do not have the latest software and control module failures occurred during this programming:

- Please claim these consequential control module repair work under the defect code listed in this bulletin with the applicable KSD2 labor operations.

#### **Other Repairs**

Control module failures that occurred prior to this programming:

- When covered under an applicable limited warranty, claim these control module repairs using the applicable defect code and labor operations in KSD2.

## **ATTACHMENTS**

View PDF attachment [B111316 Vin List 10.14.2016](#).

View PDF attachment [M111316 Procedure](#).

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