



This Service Information bulletin supersedes SI B11 13 15 **dated July 2015**.

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.

NEW designates changes to this revision

SUBJECT

Service Action: N20 Engine - Inspect and Replace Engine Oil Filter Housing

MODEL

E84 (X1)

E89 (Z4)

F10 (5 Series Sedan)

F25 (X3)

F30 (3 Series Sedan)

SITUATION

The plastic oil filter housing may fail and lead to an internal and/or external engine oil or coolant leak.

AFFECTED VEHICLES

This Service Action involves E84, E89, F10, F25 and F30 vehicles produced from August 2011 to March 2012.

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.

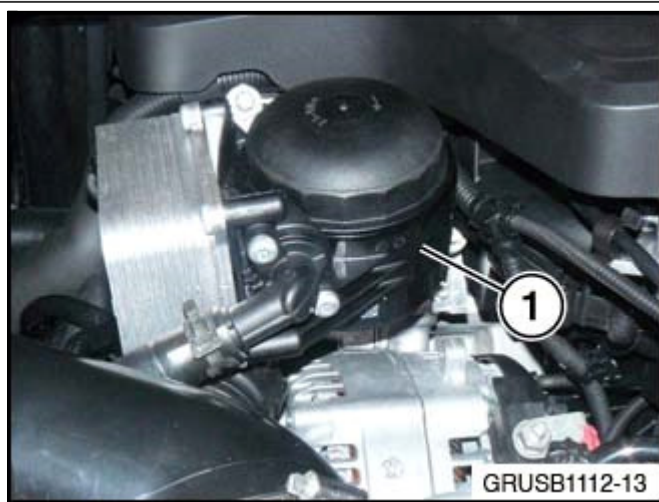
PROCEDURE

Inspect and replace the engine oil filter housing as per the repair instructions

1. Inspect and replace the engine oil filter housing as per the repair instructions.

2. If the vehicle is fitted with the aluminum oil filter housing (silver color) then take no further action. Do not replace any parts.

Use labor operation 00 63 619 for reimbursement.



3. If the vehicle is fitted with the plastic engine oil filter housing (black color) then replace the engine oil filter housing as per the attached instructions.

Use labor operation 00 62 280 for reimbursement.

PARTS INFORMATION

| Part Number | Description | Quantity |
|-----------------|---|----------|
| 11 42 8 637 812 | Oil filter housing | 1 |
| 11 61 2 297 462 | Intake manifold profile seal set | 1 |
| 07 14 9 114 958 | Cable clip | 1 |
| 11 42 7 540 758 | Bolt | 1 |
| 11 53 7 639 997 | Coolant hose (E84 sDrive, E89, F30 auto transmission) | 1 |
| 11 53 7 639 998 | Coolant hose (E89, F30 manual transmission, F10, F25) | 1 |
| 11 53 7 639 999 | Coolant hose (E84 xDrive) | 1 |
| 11 12 7 589 053 | Engine acoustic cover (E84 as needed) | 1 |
| 11 12 7 636 791 | Engine acoustic cover (F25,F30, E89 as needed) | 1 |

| | | |
|-----------------|---------------------------------------|---|
| 11 12 7 594 344 | Engine acoustic cover (F10 as needed) | 1 |
| 11 41 7 607 857 | Screw plug with gasket ring | 1 |

NEW Bulk materials:

| Part Number | Description | Quantity |
|-----------------|--|-----------|
| 83 21 2 365 946 | Motor Oil SAE 5W-30 Longlife (1 liter) | 1 |
| 82 14 1 467 704 | Antifreeze/Coolant (1 gallon) | Up to 1.3 |
| Or: | | |
| 82 14 2 209 769 | Antifreeze/Coolant (1 Quart) | Up to 5.2 |

NEW * “Bulk supply” engine oil centers, claim 10 of the “one-tenth” part number. 1.3 gallons of Antifreeze/Coolant provides 2.6 gallons/5.2 quarts provides 10.4 quarts when mixed with water to create 50/50 mixture.

NEW WARRANTY INFORMATION

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

| | | |
|---------------------|-----------------------|--|
| Defect Code: | 00 11 60 03 00 | |
|---------------------|-----------------------|--|

Inspection only, vehicles that already have the “aluminum” engine oil filter housing installed.

| Labor Operation: | Labor Allowance: | Description: |
|------------------|------------------|--|
| 00 63 619 | 1 FRU | Inspect the engine oil filter housing. The vehicle is already fitted with the “aluminum” oil filter housing, no repair is necessary (Plus work). |

Or:

Inspection and replacement of the engine’s black plastic engine oil filter housing.

| Labor Operation: | Labor Allowance: | Description: |
|------------------|------------------|---|
| 00 62 280 | Refer to KSD2 | Replace the “black plastic” engine oil filter housing with the “aluminum” engine oil filter housing (included (Main work)). |

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

And, when necessary:

Additional work and/or parts that are required as a “direct” result of this issue, including the applicable labor operations listed in KSD2 and/or work time to adjust for overlapping labor, claim these items under the defect code listed above.

And:

Sublet – Bulk Materials

| | | |
|---------------|--|--|
| Sublet Code 4 | See sublet reimbursement calculation below | Reimbursement for the repair-related bulk materials (Do not use part numbers for claim submission) |
|---------------|--|--|

Sublet reimbursement calculation for claiming the used quantities of repair-related bulk materials:

- BMW part numbers is at dealer net plus handling, or
- Other materials not available through BMW and obtained locally are at “cost plus 20 percent.”

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

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 a different defect code, separate punch time(s) are required.

ATTACHMENTS

View PDF attachment [B111315 Instructions](#).

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