



SI M11 03 15
Engine

May 2016
Technical Service

B38 Engine: Mixture Faults Stored in DME and Cylinder Head Cover Leaking Engine Oil

This Service Information bulletin supersedes SI M11 03 15 **dated February 2016**.

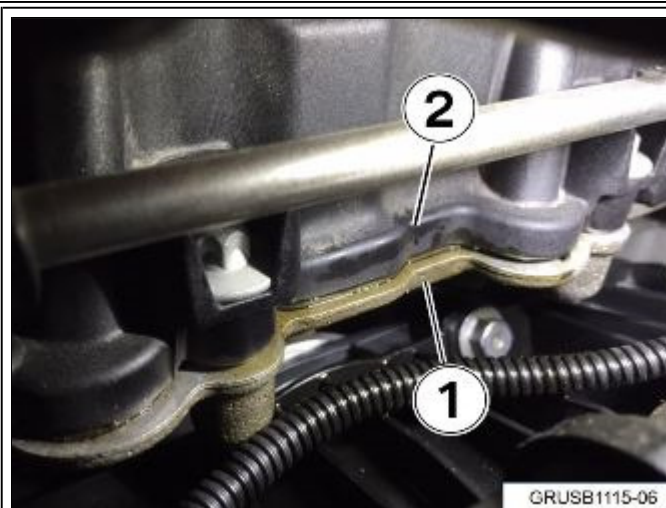
MODEL

 F55 (Cooper Hardtop)	 F56 (Cooper)	 With the B38 engine
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SITUATION

The customer may have one of the following complaints:

- The engine malfunction light is illuminated with misfire or mixture faults stored in the DME.
- The vehicle runs poorly and may consume engine oil.
- Smoke from the exhaust tailpipe.
- Engine oil leak at the cylinder head cover gasket area. See illustrations for additional information.



Engine oil leak (1) at the front edge of the cylinder head cover where it meets the cylinder head (2).

In some cases the cylinder head cover gasket material may be bulging out from between the cylinder head cover and cylinder head mating surfaces.

When the cylinder head cover is removed, the cylinder head cover gasket material is damaged (1) near the crankcase ventilation drains (2) or the bolt holes (3).



PROCEDURE

1. Replace the cylinder head cover P/N 11 12 7 611 277 that includes the cylinder head cover gasket and profile gasket for the HPP pump.

Refer to Repair Instruction 11 12 000 “Removing and installing/sealing cylinder head cover.”

2. Replace the engine oil and filter. Do not reset the CBS for engine oil service unless the service qualifies to be performed.

PARTS INFORMATION

Part Number	Description	Quantity
11 12 7 611 277	Cylinder head cover with cylinder head cover gasket and profile seal for HPP pump	1
83 21 2 365 955	MINI Original Engine Oil LL14FE+ 0W-20	4.25 liters
Refer to EPC	Oil filter	1

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

Defect Code:	11 12 01 48 00	
Labor Operation:	Labor Allowance:	Description:
11 12 000	Refer to KSD	Removing and installing/sealing cylinder head cover

If you are using a Main labor code for another repair, use the Plus code labor operation 11 12 601 instead.

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

And:

Replacing the Engine Oil and Filter (Maintenance Program: Not Eligible or Expired)

Labor Operation:	Labor Allowance:	Description:
00 00 610	Refer to KSD	Engine oil service

Please **do not reset** the CBS data.

And:

Sublet – Engine Oil

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the engine oil (MINI part number 83 21 2 365 955, please do not use this part number for a non-maintenance claim submission)
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Sublet reimbursement calculation for claiming the engine oil (MINI part number) is at dealer net plus your dealer's handling.

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

Or:

Replacing the Engine Oil and Filter (Maintenance Program: Eligible and Active)

Covered under the terms of the MINI Maintenance Program.

If the engine oil service task shows Recommended, Due or qualifies to be performed based on the 60-day bundling procedure (per SI M01 06 13), claim the service under maintenance program and reset the engine oil service CBS data to 100%.

Combined and Other Required Maintenance Service Tasks

Please be sure to perform the service tasks that are “combined with engine oil” when applicable, as well as any “stand alone” maintenance tasks that qualify.

If eligible, claim these other items under the MINI Maintenance Program or, after reviewing with the customer with his or her approval, invoice these items separately as customer-pay.

Overlapping Labor – Other Repairs

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

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.

Even though work time labor operation code 00 50 000 ends in “000,” it is not considered a Main labor operation. When work time labor operation 00 50 000 is being used for work that will be claimed under different defect codes, separate punch time(s) are required.

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