



SI M11 03 15  
Engine

**SB-10058466-4337**

April 2015  
Technical Service

## SUBJECT

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

## MODEL

F56 (Cooper)

With the B38 engine

## SITUATION

The customer may have one of the following complaints:

- In some cases, the engine malfunction light can be illuminated with mixture faults stored in the DME.
- The vehicle runs poorly and may consume engine oil.
- Engine oil leak from the cylinder head cover gasket area. See illustrations for additional information.



Engine oil leak (1) from 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 gasket with P/N 11 12 8 618 515 and the profile gasket for the HPP pump (P/N 11 12 8 618 520) per 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.

**Note: Do not replace the cylinder head cover.**

#### PARTS INFORMATION

Part Number	Description	Quantity
11 12 8 618 515	Cylinder head cover gasket (profile seal)	1
11 12 8 618 520	Profile seal hot HPP pump	1
83 21 2 365 947	Engine oil B38	4.25 liters
Or		
83 21 2 405 002		
Or		
83 21 2 405 085		
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.

<b>Defect Code:</b>	<b>11 12 01 48 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
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)

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 610	Refer to KSD	Engine oil service

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

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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