




ENGINE OIL CBS DATA WILL NOT RESET

New information provided by this revision is preceded by this symbol .

This Service Information bulletin replaces SI B12 16 18 dated **May 2018**

What's New:

- Title- Eliminated DME replacement constraint
- SITUATION- Completely updated
- CAUSE- Added Condition #1
- CORRECTION- Expanded to include multiple conditions
- PROCEDURE- Added Condition #1
- PART INFORMATION- added

MODEL

I12 (i8 Coupe)	I15(i8 Roadster)
----------------	------------------

SITUATION

Service Interval Indicator (SIA) for the engine oil Condition Based Service (CBS) cannot be reset or corrected via the instrument cluster or diagnostic tester.

Condition #1:

The Service Interval Indicator (SIA) distance remaining until CBS-recommended oil change is too short.

AND

The following fault code is stored in the Digital Motor Electronics (DME) fault memory:

- "FC 201004 – CBS client: Output of substitute value"

May be in conjunction with:

- "FC 1C4110 – Oil Condition sensor: malfunction" may be stored.

Condition #2

The remaining CBS distance displayed is "- -" (3 lines)

AND

Key data shows that the engine oil change is overdue by 64,000 km (39,767 miles).

AND

No related faults are recorded in the Digital Motor Electronics (DME) memory.

CAUSE

UPDATE!

Condition #1 – component or signal error in the sensor system.

UPDATE!

Condition #2 - An initialization error of the Service Interval Indicator (SIA) after exchanging the Digital Motor Electronics (DME). This exchange need not have recently occurred.

UPDATE!

CORRECTION

Reset (Condition #1), or initialize then correct (Condition #2), the CBS data using ISTA.

UPDATE!

PROCEDURE

For conditions that are similar to the situation described:

CONDITION #1 (Stored faults)

1. Check the fault memory.

Are both FC 2001004 and FC 1C4110 stored in the DME memory?

YES- go to next step.

NO – go to Step 3. below.

2. Using ISTA, perform diagnosis, following the test plan.

Are the faults still present after following the test plan?

YES- go to next step.

NO - situation has been corrected.

3. Perform the following service function with ISTA:

- Vehicle Management
- Service Function
- Maintenance and pre-delivery check
- Reset CBS Condition Based Service
- CBS5 Reset correction of engine control unit not possible

CONDITION #2 (No stored faults)

Perform the following service functions with ISTA:

- Vehicle manageme
- Service functions
- Maintenance and pre-delivery check
- CBS vehicle data correction

Step 1: "Initialization of CBS after changing the engine control unit" , and

Step 2: "CBS Vehicle data correction"

PARTS INFORMATION

Parts replacement will not provide a solution to this situation.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	6213401800	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2/AIR	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And:		
61 25 910	Refer to KSD2/AIR	Recharging high-voltage battery unit (to high voltage charging socket)
And:		
61 00 006	2 FRU	Work time to Perform ABL "Initialization of CBS after changing the engine control unit" and "CBS Vehicle data correction"

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 61 00 006 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required. However, it still requires an explanation on the repair order and in the claim comments section.

Posted: Thursday, July 26, 2018

[Copyright ©2018 BMW of North America, Inc.]