



SIB 11 08 19

2019-12-19

B57 DIESEL ENGINE - CHECK CONTROL MESSAGE OIL LEVEL TOO HIGH

## MODEL

G30 (540d xDrive Sedan)

## SITUATION

Check Control Message (CCM) "Engine oil level too high" is displayed.

## CAUSE

Fuel dilution into the engine oil due to the diesel particulate filter (DPF) regeneration strategy.

## CORRECTION

Drain and refill engine oil, and reprogram the DDE (program and encode the vehicle control units).

## PROCEDURE

1. Bring the engine up to operating temperature.
2. Open the oil filter cap and drain the engine oil (reuse the O-ring if not damaged). Refill the engine with 6 liters of new oil.
3. **Do not replace the oil filter (unless otherwise instructed).**
4. **Do not reset the CBS data (unless otherwise instructed).**
5. Use the engine's mechanical dipstick to confirm that the engine oil level is correct (between the MIN and MAX mark on the dipstick).

**NOTE: Checking the oil level through the control display prematurely (less than 31 miles/50 km after refilling) may cause the CC message Oil level too high to return.**

6. Reprogram the DDE (program the vehicle using ISTA Next):

- Target integration level: S15A-18-07-530 or higher.

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

**Always connect a BMW approved battery charger/power supply (SI B04 23 10).**

## PARTS INFORMATION

Part Number	Description	Quantity
07 11 9 963 132	Drain plug washer (without an engine oil filter replacement)	1

And:

**Bulk Material in Sublet (Unless otherwise instructed, see below)**

Part Number	Description	Quantity
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83 21 2 365 951

BMW TwinPower Turbo LL-12 FE 0W-30 (1 liter) fully synthetic engine oil

6

## **WARRANTY INFORMATION**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

If you have this situation for this repair:

**A. Update the vehicle to the current available I-level and change the engine oil without the filter and submit for these repairs as described in this Service Information Bulletin.**

**B. For the other open Technical Campaigns on the vehicle, please be sure to perform and submit any additional work the campaign repairs require and/or close the remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.**

Item **A** above, the BMW software solution and engine oil change without filter is covered (one-time) under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Truck.

Reimbursement for this repair is via normal claim entry utilizing the following information together with the specified part number above and the engine oil in sublet:

<b>Defect Code:</b>		<b>1361900300</b>		<b>G30 B57 CC-message motor oil level (DDE data status)</b>	
<b>Work Pkg</b>	<b>Labor Operation</b>	<b>Description</b>		<b>Labor Allowance</b>	
# 1	00 65 689	Drain and refill engine oil, programming and encoding the vehicle control units to the specified Target integration level or higher (includes connecting an approved battery charger/power supply and performing a vehicle test) <b>(Plus work - Vehicle already in the workshop)</b>		13 FRU	
Or:					
# 2	00 65 144	Drain and refill engine oil, programming and encoding the vehicle control units to the specified Target integration level or higher (includes connecting an approved battery charger/power supply and performing a vehicle test) <b>(Main work)</b>		15 FRU	

If you are using a Main labor code for another repair, use the Plus code labor operation 00 65 689 instead of 00 65 144.

### **Claim Repair Comments**

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B11 08 19 WP 1), unless otherwise required by State law.

And:

**Sublet – Bulk Materials (RO and Claim Comments Required)**

<b>Sublet Code 4</b>	Up to \$80.00	Reimbursement for the supported amount of repair-related bulk material (Do not use the BMW engine oil part number for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part number engine oil) is at the dealer net price amount for six liters plus your center's handling.

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

**Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)**

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

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

Please explain this additional work (The why and what) on the repair order and in the claim comments section.

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

**Recommended, Due or Bundling Eligible Engine Oil Service Tasks**

If the Engine Oil service task shows Recommended or Due in the Service status field or Bundling eligible in ISPA Next when this Service Information Bulletin repair is performed on an eligible vehicle, then:

- Program and encode the vehicle as described above.
- **Change the engine oil and filter with a CBS data reset.**
- Create a RO line item to claim the vehicle control unit programming and encoding procedure and the engine oil change as follows.

<b>Defect Code:</b>	<b>1361900300</b>	<b>G30 B57 CC-message motor oil level (DDE data status)</b>	
<b>Work Pkg</b>	<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
# 1	00 65 689	Drain and refill engine oil, programming and encoding the vehicle control units to the specified Target integration level or higher (includes connecting an approved battery charger/power supply and performing a vehicle test) <b>(Plus work - Vehicle already in the workshop)</b>	13 FRU

- Create two additional RO line items to perform and claim the maintenance task Standard Scope (labor operation) and the applicable engine oil and filter part numbers based on which of the following applies:

**CBS Engine Oil Service Task: New BMW Vehicles in Inventory/in Stock (No in-service date)**

If the vehicle is eligible to have in-stock engine oil service performed as outlined in SI B01 10 15, then, in conjunction with performing and claiming the engine oil change as noted above, claim:

<b>Defect Code:</b>	<b>85990501DI</b>	<b>Standard Scope</b>
<b>Labor Operation</b>	<b>Description (Main work)</b>	<b>Labor Allowance</b>
00 00 105	Service – standard scope	Refer to AIR

And:

<b>Defect Code:</b>	<b>85990089DI</b>	<b>Engine Oil Service (the first required engine oil service only)</b>
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The vendor code is the letters D and I.

And:

Part Number	Description	Quantity
Refer to ETK/AIR	Set oil-filter element	1
83 21 2 365 951	BMW TwinPower Turbo LL-12 FE 0W-30 (1 liter) fully synthetic engine oil	6

Or, under the:

**BMW Maintenance Program**

If the vehicle has an active maintenance program, then, in conjunction with performing and claiming the engine oil service change as noted above, claim:

<b>Defect Code:</b>	<b>85990501MP</b>	<b>Standard Scope</b>
<b>Labor Operation</b>	<b>Description (Main work)</b>	<b>Labor Allowance</b>
00 00 105	Service – standard scope	Refer to AIR

And:

<b>Defect Code:</b>	<b>85990089MP</b>	<b>Engine Oil Service (the first required engine oil service only)</b>
	<b>Or:</b>	
	<b>85990091MP</b>	<b>Engine Oil Service (All required engine oil services after the first one)</b>

And:

Part Number	Description	Quantity
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Refer to ETK/AIR	Set oil-filter element	1
83 21 2 365 951	BMW TwinPower Turbo LL-12 FE 0W-30 (1 liter) fully synthetic engine oil	6