

SI B62 20 17
InstrumentsDecember 2017
Technical Service

N63T CCM LOW OIL LEVEL NOT DISPLAYED

MODEL

7 Series (F01, F02)	6 Series (F06, F12, F13)	5 Series (F07 550GT)	
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With N63TU engine produced from 07/2012 up to 06/2013, and programmed to integration level F001/F010-15-11-500, or higher

SITUATION

Drivetrain Malfunction Warning is illuminated, and DME fault code 1C4002 (Engine oil level: too low) is stored. Customer complains that Check Control Message ("Low Oil level") has never been displayed.

The engine oil level measurement test works correctly and shows low oil level when checked under Vehicle Status tab in CID.

CAUSE

Instrument cluster software error.

CORRECTION

Reprogram and code vehicle with ISTA 4.08.21, or higher.

Replace the engine oil and filter.

PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using ISTA 4.08.21 or higher to the indicated integration level.

Model	Target integration level
F01/F02, F06, F07, F12, F13	F001/F010-17-11-520 or higher

3. Replace the engine oil (to the correct level) and filter.

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a BMW-approved battery charger/power supply (SIB04 23 10).

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Part Number	Description	Quantity
83 21 2 365 950	BMW Original Engine Oil 0W-30, LL01FE+	Up to 10 liters
Or:		
83 21 2 449 994	BMW Original Engine Oil 0W-30, LL01FE+ (Bulk)	Up to 10 liters
11 42 7 583 220	Oil filter	1

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:	1261001500	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)
And, as applicable:		
11 99 000	3 FRU	Replacing the engine oil (to the correct level) and filter (See the BMW Maintenance Program section below)

If you are using a Main labor code for another repair or the labor operation for the Service – standard scope (00 00 105) is also being invoiced/claimed, 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 11 99 000 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.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

And:

Sublet – Bulk Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for used quantities of operating fluids, including engine oil only when it is not claimed under the BMW Maintenance Program (applicable BMW part numbers). Please do not use these part numbers for claim submission.
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Sublet reimbursement calculation for claiming repair-related bulk materials (BMW part numbers) is at the dealer net price for the “quantities used” plus your center’s handling.

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

BMW Maintenance Program

If the vehicle has a “active” maintenance program and the “Engine oil” Service task shows “Recommended or Due” in the Service status field or it “qualifies” to be performed based on the “60-day Bundling” procedure (See SI B01 06 13), then:

- Perform the “Engine oil” Service task, and
- “Reset” the CBS data, then

Submit and claim for the engine oil and filter “part numbers” under the BMW Maintenance Program (Defect Code) instead.

Vehicle Programming and Encoding

ISTA automatically reprograms and codes all the vehicle control modules that 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 KSD2/AIR labor operations.

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 KSD2/AIR.

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