



SUBJECT

“Low Oil Warning Indicator Light” Comes on After Extended Driving

MODEL

F30 (3 Series Sedan)

F31 (3 Series Sport Wagon)

With the N47T diesel engine

Produced to 7/1/2014

SITUATION

After approximately 2-4 hours of driving on the highway at 80 mph, and at an engine speed of around 2200-2500 rpm with an average load, the “low oil” warning indicator light illuminates yellow and the following check control (CC) message (ID 27) displays: "Top up 1 L of engine oil".

Also, fault code: 297200 - oil level (Layer_MOELNIV): Engine oil level too low, may be stored in the DDE

CAUSE

DDE software error

PROCEDURE

Check the engine oil level and top-up if it is low. For vehicles with an active BMW Maintenance Program, please refer to SI B01 16 15.

Perform diagnosis with the latest version of ISTA.

Program the vehicle using the latest version of ISTA/P.

F30, F31	Target integration level: F020-14-07-503 or higher
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Note: If the vehicle is already at or above the “Target integration level” listed above, then no vehicle programming/coding procedure is required.

Note that ISTA/P 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 ([SI B04 23 10](#)).

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

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:	12 61 01 14 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
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)

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

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

Vehicle Programming and Encoding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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