

**SUBJECT****N20, N26 Service Engine Soon Light On: Fault Code 1B9702 is Stored****MODEL**

F10 (5 Series Sedan)

F22 (2 Series Coupe)

F25 (X3)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

F36 (4 Series Coupe)

Produced to 7/2014

With the N20 and N26 engines

SITUATION

The Service Engine Soon light (MIL) is on with only the following fault stored in the DME:

- 1B9702: Engine switch-off time, timer, instrument panel timer DME, Comparison: Value of instrument panel timer too low while engine is running

This fault will not cause any engine running or drivability problems.

CAUSE

Unfavorable instrument cluster and DME software

CORRECTION

Do not replace any parts.

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

Target integration level: F0xx-14-07-502 or higher

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/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

This repair is also covered by the terms of the Federal and/or State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components) that applies to the BMW model(s) listed.

N26 engine SULEV/PZEV: This repair is also covered by the terms of this State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and the state's full adoption of this section of the statute).

The BMW Certified Pre-Owned Limited Warranty applies to BMW vehicles that have and are still within the BMW Certified Pre-Owned coverage period, but beyond Emissions Warranty coverage that applies.

Defect Code:	10 42 31 59 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 KSD 2 as Charging battery)
and		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. 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) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

Other Repairs

If performing the ISTA diagnostics and related test plans results with other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.