



SI B16 10 18
Fuel Supply Systems

April 2019
Technical Service

DIESEL ENGINE REDUCED POWER OUTPUT

This Service Information bulletin replaces SI B16 10 18 dated November 2018

What's New:

- Fault Codes added to Situation

MODEL

G30 (540d Sedan with B57O engine)			
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Vehicles produced to February 2018



SITUATION

1. The customer complains that the engine has a reduced power output.
2. The Malfunction Indicator Lamp (MIL) is illuminated.
3. The following faults are stored in the Selective Catalyst Reduction (SCR03) Module

Fault code	Text
805291	Metering quantity deviation, metered quantity according to delivery volumes is too high.
8052E3	Metering quantity deviation, metered quantity too high, sum error.
8052E5	Metering interruption to diagnose a metering quantity deviation (metered quantity too high).
8052E4	Metering interruption to diagnose a metering quantity deviation (metered quantity too low).

CAUSE

A software calibration error in the SCR03 module.

CORRECTION

Update the vehicle software using **ISTA 4.14.4x** or higher, available as of early December 2018.

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 4.14.4x** or higher to the appropriate level shown below:

Model	Target I-level

G30 (540d Sedan)

S15A-18-11-510

Note that ISTA Next 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, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	1042315900	Driving performance too low
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
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)

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.

Vehicle Programming and Encoding

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.

A. 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 KSD2/AIR labor operations.

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

B. 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 (including diagnosis) in KSD2/AIR.

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