SIB 62 03 21   2021-07-16
ENGINE SPEED NO LONGER DISPLAYED IN BMW HEAD-UP DISPLAY

MODEL

F44 (2 Series Gran Coupe)	F90 (M5 Sedan)	F91 (M8 Convertible)	F92 (M8 Coupe)
F93 (M8 Gran Coupe)	F95 (X5 M Sports Activity Vehicle (SAV))	F96 (X6 M Sports Activity Coupe (SAC))	F97 (X3 M SAV)
F98 (X4 M SAC)	G01 (X3 SAV)	G02 (X4 SAC)	G05 (X5 SAV)
G06 (X5 SAC)	G07 (X7 SAV)	G12 (7 Series Sedan)	G14 (8 Series Convertible)
G15 (8 Series Coupe)	G16 (8 Series Gran Coupe)	G20 (3 Series Sedan)	G22 (4 Series Coupe)
G23 (4 Series Convertible)	G29 (Z4 Roadster)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)
G80 (M3 Sedan)	G82 (M4 Coupe)	G83 (M4 Convertible)	

Vehicles equipped with option code:

6U2 BMW Live Cockpit Plus

And

610 Head-Up Display

SITUATION

When the vehicle is operated in Sport Mode, the engine speed is no longer displayed in the BMW Head-Up Display (HUD). This can be seen in a new vehicle or after programming to I level S18A-20-07-5XX/ S15A-20-07-5xx or newer.

CAUSE

Software in the BMW Head-Up Display (HUD).

CORRECTION

Program the vehicle.

PROCEDURE

1. Determine the vehicle's current I-level by either using AIR or the ISPA NEXT application. If needed, use the latest ISTA to work through test modules.

2. Is the current vehicle integration level:

Model	Integration level
F90 F97 F98 G01 G02 G12 G30 G32	**Lower than S15A-21-07-5XX**
F44 F91 F92 F93 F95 F96 G05 G06 G07 G14 G15 G16 G20 G22 G23 G29 G80 G82 G83	**Lower than S18A-21-07-5XX**

YES: Proceed to Step 3

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NO: Further diagnosis with ISTA is needed

3. Program the vehicle using ISTA 4.30.2x or higher (released mid July, 2021)

Model	Target integration level
F90 F97 F98 G01 G02 G12 G30 G32	**S15A-21-07-5XX or higher**
F44 F91 F92 F93 F95 F96 G05 G06 G07 G14 G15 G16 G20 G22 G23 G29 G80 G82 G83	**S18A-21-07-5XX or higher**

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 (SI B04 23 10).

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

PARTS INFORMATION
Parts exchange will not provide a solution

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

Select one of these open Technical Campaigns to perform and submit for updating the vehicle's software to the required I-level or higher.

Please be sure to perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program as described below.

Defect Code:	6230050200	Electrical system / electronics for Head-up Display HUD Software error / internal device fault	
Labor Operation	Description		Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)		Refer to AIR
Or:			
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)		Refer to AIR
And:			
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery		Refer to AIR
And			

61 00 730	Programming/encoding control unit(s)	Refer to AIR

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 AIR for the corresponding flat rate unit (FRU) allowances.

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

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Defect Code in this bulletin with the labor operations in AIR that apply.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including diagnosis) in AIR that apply.

Based on which one applies to your center, please refer to **SI B01 01 20 or B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures, unless otherwise required by State law.

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable Defect Code and the labor operations listed in AIR (including diagnosis).

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department