SIB 34 08 21   2021-07-23
CHECK CONTROL MESSAGE (CCM) ID CODE 42 AT START UP

What's New (Specific text highlighted):
- Correction: ISTA 4.30.21
- Procedure

MODEL

G20 (3 Series Sedan)	G22 (4 Series Coupe)	G23 (4 Series Convertible)	G29 (Z4 Roadster)
All produced from November 5, 2018 to July 1, 2021			

SITUATION

The yellow CCM, ID code 42, lights up when starting the vehicle.

ID code 00042: Brake system. It is possible to continue driving.
Additional notes:
Avoid abrupt braking as far as possible. Drive at a moderate speed. Have it checked by your nearest Service Center.

Various fault patterns may occur depending on the time of occurrence:
The parking brake does not work or cannot be released if it was in operation when the vehicle was started.
Anti-lock braking function (ABS) or other Dynamic Stabilty Control (DSC) control functions are no longer available.

The following fault code is stored in the fault memory of the DSC control unit:
48082F - internal control unit - read-only memory / flash error.

 After another terminal change, the CCM goes out. The fault code is no longer entered. Repeating the DSC control unit self-test cures the fault. The fault is very unlikely to occur again

CAUSE
Unfavourable software in the DSC control unit.

CORRECTION
Program the vehicle using ISTA ISTA 4.30.21

PROCEDURE
For conditions that are similar to the situation described:
1. Using the latest version of ISTA, verify the fault code 48082F is entered into the IB fault memory
2. Determine the vehicle's current I-level by either using AIR or the Key reader/ISPA NEXT application.

3. If the I level is older (lower) than S18A-21-07-500
   - Program/encode the vehicle with ISTA ISTA 4.30.21 to I level S18A-21-07-520 or a more recent version

Program the vehicle using **ISTA 4.30.21** or higher

Model	Target Integration level
G20 (3 Series Sedan)	
G22 (4 Series Coupe)	**S18A-21-07-520** or higher
G23 (4 Series Convertible)	
G29 (Z4 Roadster)	

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**) when performing programming.**

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

Do not replace any parts for this issue.

4. If the I-level is higher than or equal to S18A-21-07-500
   - Do not program the vehicle. Perform further diagnostics using ISTA.

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:	3452101400	DSC control unit Occasional malfunction	
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)

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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