



VARIOUS CHECK CONTROL MESSAGES (CCM) AT STARTUP

This Service Information Bulletin (Revision 1) replaces SI B34 07 21 **dated July 2021**.

What's New (Specific text highlighted):

- Correction: ISTA Version 4.30.21
- Procedure

MODEL

F91 (M8 Convertible)	F92 (M8 Coupe)	F93 (M8 Gran Coupe)	F95 (X5 M Sports Activity Vehicle)
F96 (X6 M Sports Activity Coupe)	G05 (X5 Sports Activity Vehicle)	G06 (X6 Sports Activity Coupe)	G07 (X7 Sports Activity Vehicle)
G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)	G16 (8 Series Gran Coupe)
G80 (M3 Sedan)	G82 (M4 Coupe)	All produced from July 6, 2018 to June 30, 2021 except G12	G12 life cycle impulse produced from March 2019 to June 30, 2021

SITUATION

When starting the vehicle (vehicle at standstill), various yellow Check Control Messages (CCMs) appear.

ID code 00042: Brake system.

Additional notes:

Avoid abrupt braking as far as possible. Drive at a moderate speed. Have it checked by your nearest Service Center.

ID code 2046: Braking force assistance.

Additional notes:

Braking force assistance failure. Higher pedal force required for vehicle deceleration. Drive at a moderate speed. Have it checked by your nearest Service Center.

The following fault code is saved in the control unit of the integrated braking system (IB_G05):
48082F - Internal control unit - read-only memory / flash fault

After another terminal change, the CCMs go out. The fault code is no longer entered.

Repeating the IB (integrated braking system) self-test cures the fault. The fault is very unlikely to occur again.

CAUSE

Unfavorable software in the Integrated Brake System (IB) control unit.

CORRECTION

Program the vehicle using 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 lower than S18A-21-07-500, S15A-21-07-500 or S15C-21-07-500,
 - Program/encode the vehicle with ISTA 4.30.21 to I level S18A-21-07-520, S15A-21-07-520, S15C-21-07-520 or a more recent version

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

Model	Target Integration level
F91 (M8 Convertible)	S15A-21-07-520
F92 (M8 Coupe)	
F93 (M8 Gran Coupe)	S15A-21-07-520
F95 (X5 M Sports Activity Vehicle)	S18A-21-07-520
F96 (X6 M Sports Activity Coupe)	S18A-21-07-520
G05 (X5 Sports Activity Vehicle)	S18A-21-07-520
G06 (X6 Sports Activity Coupe)	S18A-21-07-520
G07 (X7 Sports Activity Vehicle)	S18A-21-07-520
G12 (7 Series Sedan)	S15A-21-07-520
G14 (8 Series Convertible)	S18A-21-07-520
G15 (8 Series Coupe)	S18A-21-07-520
G16 (8 Series Gran Coupe)	S18A-21-07-520
G80 (M3 Sedan)	S18A-21-07-520
G82 (M4 Coupe)	S18A-21-07-520

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.

- If the I-level is higher than or equal to S18A-21-07-500, S15A-21-07-500 or S15C-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:	3450010200	Integrated braking system IBC / VIP control unit 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