



SI B34 06 19
Brakes

May 2019
Technical Service

NO BRAKING FORCE ASSISTANCE AFTER ENGINE START, DIAGNOSTIC TROUBLE CODE (DTC) 4808B4

MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)	G12 (7 Series Sedan) LCI produced from 03/19	G14 (M850i Convertible)
G15 (M850i Coupe)			

SITUATION

When starting the vehicle with Electric Park Brake (EPB) engaged-

- The brake pedal is hard
- The red brake warning light in the instrument cluster lights up
- The braking force assistance has failed (stiff brake pedal)
- Check Control message appears: Drive at a moderate speed. Braking force assistance.

After starting the engine again, the warning light is no longer active, and the braking force assistance is available again.

CAUSE

Unfavorable software of the Integrated Brake System (IB).

CORRECTION

Program the vehicle with ISTA 4.17.1x or higher, to I level S18A-19-03-545 or higher.

- ISTA 4.17.1x became available late April, 2019

PROCEDURE

1. Perform vehicle test if the following faults are stored in the IB:

- 4808B4 - System pressure implausibly too high

2. Read out I level of the vehicle.

Is the I-level is less (lower) than S18A-19-03-545?

Yes: Program and encode the vehicle with ISTA 4.17.1x to I level S18A-19-03-545 or higher. Do not replace any parts.

No: Do not program the vehicle. Perform diagnosis with ISTA using applicable test plans.



Note: 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/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

WARRANTY INFORMATION

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

Defect Code:	34 50 01 15 00	IBC, integrated brake system permanent malfunction
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And:		
61 00 730	Refer to AIR	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 AIR for the corresponding flat rate unit (FRU) allowances.

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.

Programming and Encoding - Vehicle Control Units

- 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 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 AIR.

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 (including diagnosis) that are listed in AIR.

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