



DRIVERS ASSISTANCE SYSTEM LIMITED SUPPORT CHECK CONTROL MESSAGE

MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 Sports Activity Vehicle)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

Produced July 1st, 2018 to March 31st, 2019.

Equipped with option code 5AS – Active Driving Assistant

SITUATION

While driving, a Check Control Message (CCM) "Drivers Assistance System Limited Support" may be displayed on vehicles. This is due to the following fault sequence: Sporadic warnings for:

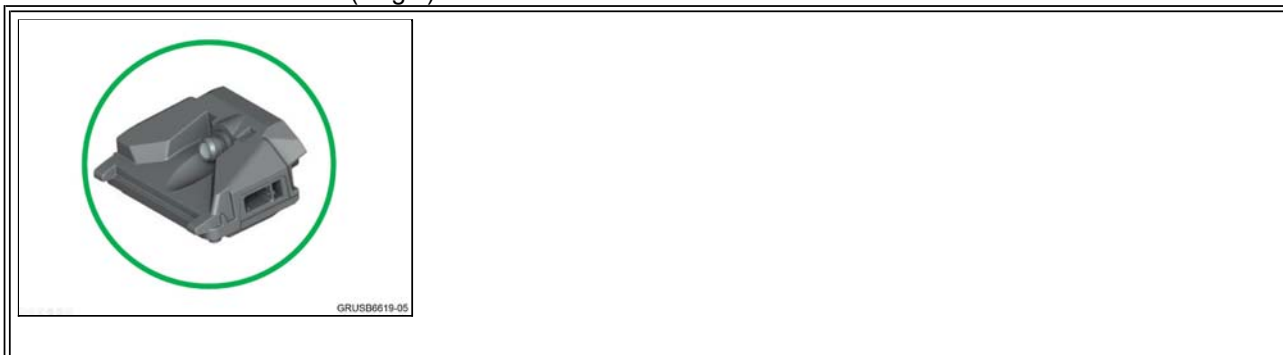
- **The CCM will reset itself, but it is possible for it to occur again in another drive cycle.**

Relevant fault stored in KAFAS (Camera-Assisted Drivers Assistance System) is:

- **800A24 – Temporary software fault.**

CAUSE

Hardware fault in KAFAS Mid (single) camera installed on the windscreen.



CORRECTION

- Run diagnosis with ISTA
- Work through the corresponding test module:
 - Replace the KAFAS Mid camera **only if recommended** by the test plan; **and/or**
- Program/encode the vehicle using ISTA 4.16.1x or higher:
 - Target Integration level (I-level) S18A 19-03-522, or higher.

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 CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation

PARTS INFORMATION

Part Number	Description	Quantity
Refer to ETK	KaFAS camera (Control unit and camera)	1

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:	6138161400	KAFAS control unit (camera-based driver assist systems) software error / internal device fault
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, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

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.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

And, **only if recommended** by the test plan:

Labor Operation:	Labor Allowance:	Description:
66 51 561	Refer to AIR	Replacing KAFAS camera with integrated control unit (MID version) (after vehicle diagnosis)

And/or:

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Labor Operation:	Labor Allowance:	Description:
61 00 730	Refer to AIR	Programming/encoding control unit(s)

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 modules, 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.

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