



This Service Information bulletin replaces SI B66 09 17 dated September 2017

What's New:

- Subject – Removed Acronyms KAFAS and CCM. Acronyms spelled out.
- Cause – KAFAS acronym description added

MODEL

F01 (7 Series Sedan)	F02 (7 Series Sedan)	F04 (Active Hybrid 7)	F06 (6 Series Gran Coupe)
F12 (6 Series Convertible)	F13 (6 Series Coupe)	F10 (5 Series Sedan)	F07 (5 Series Gran Turismo)
F15 (X5)	F16 (X6)	F22 (2 Series Coupe)	F23 (2 Series Convertible)
F25 (X3)	F26 (X4)	F30 (3 Series Sedan)	F31 (3 Series Sports Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
F80 (M3 Sedan)	F82 (M4 Coupe)	F83 (M4 Convertible)	F85 (X5 M)
F86 (X6 M)	F87 (M2 Coupe)	I01 (i3)	I12 (i8)
F48 (X1)			

With any of the following options:

SA5AS Active Driving Assistant


SA5AT ACC Stop & Go + Active Driving Assistant

SITUATION

Sporadically, one or more of the following CCM (Check Control Messages) are displayed in the CID after the vehicle was parked in direct sun for extended periods.

- Front Collision Warning
- Pedestrian Detection
- Lane Departure Warning
- Cannot activate ACC (Active Cruise Control) - i3 and X1 only

Note: the current CCM will advise the customer to contact the dealer

CAUSE
 This is due to cabin temperature exceeding the operational limit of the KAFAS (Camera Assisted

Drivers Assistance System) camera. When this occurs, fault code 0X800AC0 is set which causes the CCM(s) to display.

Note: This is normal function to protect the device. Camera will not operate while fault code is active, preventing excessive heating of the camera components.

Camera function will return once the cabin temperature is cooled to within acceptable limits.

CORRECTION

The CCM wording was updated, which describe the functional limitations (due to camera obstruction) and will not indicate a fault that needs a repair.

Reprogram and code the vehicle to update the new CCM strategy. Specified integration level includes more appropriate CCM to be displayed.

PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using ISTA 4.06.22 or higher.

Target integration level is 17-07-502 or higher.

Note that ISTA 4 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 / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Parts replacement **will not** provide a solution to this situation.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6138161400	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")

And, additionally for the:

I01 (i3) and I12 (i8) Only

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)

And, for:

All Listed Models

And:		
61 00 730	Refer to KSD2	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 KSD2 for the corresponding flat rate unit (FRU) allowances.

Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle’s control modules that “currently do not have” the latest software and 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 KSD2/AIR labor operations.

Other Repairs

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 in KSD2/AIR.

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