



This Service Information bulletin supersedes SI B66 04 14 **dated June 2014**.

NEW designates changes to this revision

SUBJECT

Front Collision Warning Check Control Message Displayed in CID

MODEL

F01, F02 (7 Series Sedan)

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

F06 (6 Series Gran Coupe)

F12 (6 Series Convertible)

F13 (6 Series Coupe)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

NEW I01 (i3 and i3 REX)

With option 5AD (Lane Departure Warning) and/or 5AS (Active Driving Assistant) or 5AT (Active Cruise Control with Stop & Go + Active Driving Assistant)

SITUATION

Occasionally while driving, a check control message (CCM) for Front Collision Warning is displayed in the Central Information Display (CID). This message is cleared from the CID by clicking on “OK” using the iDrive controller.

CAUSE

The KAFAS (camera-based driver support system) camera is affected by environmental conditions such as:

- Direct sunlight (sunrise or sunset)
- Rain
- Fog
- Dirt
- Snow

- Ice
- High interior temperatures (may also cause a CCM to be displayed upon starting the vehicle)
 - **NEW** Fault code 0x800AC0 – KAFAS camera switch off due to over temperature

The pictures below show the direct sunlight causing the CCM:



INFORMATION

This is the current text in the Owner's Manual for the Front Collision Warning (FCW):

The system may not be fully functional in the following situations:

- In heavy fog, rain, sprayed with water or snowfall
- In tight curves
- If the driving stability control systems are limited or deactivated: for example, the DSC is off.
- If the camera view field of the front windshield is dirty or covered.
- Up to 10 seconds after the start of the engine, via the Start/Stop knob.

Direct sunlight will be added as one of the causes for the FCW CCM.

PROCEDURE

Do not replace parts!

To better understand the situation, additional information is needed from the customer when the CCM is displayed. If possible, try to get this information when the customer calls for an appointment. This could avoid an unnecessary service visit by the customer.

- **Important:** What was the color of the message?

1. Is it a “white message”?

Yes: No further diagnostic steps necessary. Explain to the customer that this is normal operation.

Note: This message is displayed to inform the driver that the camera system is operational, but with limited functionality. It *does not* require a visit to the dealer. This CCM will either clear on its own while driving or after a key off/on cycle.

2. Is it a “yellow message”?

Yes: The KAFAS system is malfunctioning and requires further diagnosis. The vehicle must be brought to a service center.

Diagnostic tips

- In which direction was the customer travelling?
- What were the environmental conditions at the time the CCM was seen:
 1. Was it at sunrise or sunset (the sun blinding the driver)?
 2. Was it raining, hazy, foggy, snowing or icy (camera area) on the windshield?
- Was the vehicle travelling on the highway or local roads?
- Approximate vehicle speed at the time the CCM was seen?
- Was cruise control activated?
- Were there any objects or other vehicles in close proximity to the vehicle?
- Request pictures of the CCM.
- Duplicate the issue.
- All KAFAS system-related faults must be diagnosed using the latest ISTA version and resolved.

Note: Ignore fault code **D02D3A** if it is the only fault stored in the ICM.

Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

- Check the windshield for damage around the camera location.
 1. Is it the OEM part?
- Check the related KAFAS components for damage:
 1. The camera is properly mounted in its bracket

2. The camera bracket is installed correctly on the windshield (not twisted or offset to one side, etc.)

3. The wire connections on the camera, the harness and the KAFAS module (bent or broken pins)

WARRANTY INFORMATION

Not applicable.

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