SI B66 06 15

Distance Systems, Cruise Control, Remote Control

October 2015

Technical Service

This Service Information bulletin supersedes SI B66 06 15 **dated September 2015.**

NEW designates changes to this revision

## SUBJECT
**Sporadic Check Control Messages of the Driver Assistance System**

## MODEL
F32 (4 Series Coupe)

F36 (4 Series Gran Coupe)

NEW F48 (X1)

F82 (M4 Coupe)

Produced from July 9, 2015 to August 12, 2015

With option 5AS – Active Driving Assistant

And / Or

8TH – Speed Limit Info

## SITUATION
Sporadically, a CCM (Check Control Message) is displayed advising that the Camera-based Driver Assistant system has failed. This is due to the vehicle interior reaching very high temperatures.

During this failure, all KAFAS (Camera-based driver assistance systems) system functionalities are inoperative.

The affected functionalities are:

- Pedestrian Detection
- Front Collision Warning
- Lane Departure Warning
- Speed Limit Info (if equipped)

The following fault code is stored in the KAFAS control unit:

- 0x800AC0 – Switching off due to excess temperature

Note: The system is functional after the interior temperature has cooled down or by cycling the ignition off and on again.

## CAUSE

Incorrect calibration of the temperature sensor in the KAFAS camera.
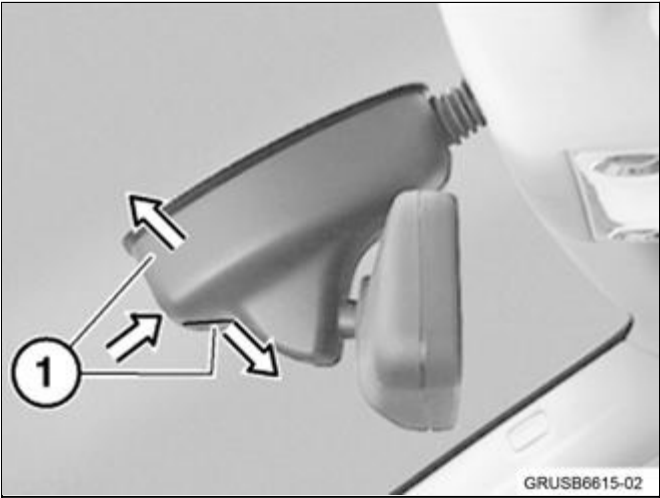
## NEW CORRECTION

Install a KAFAS camera with:

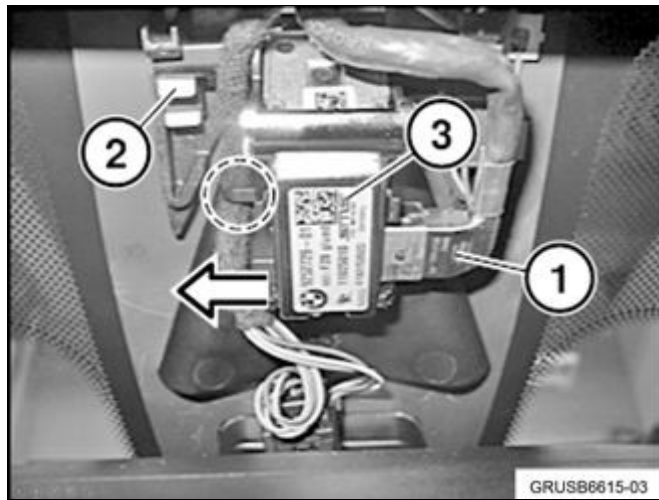- A date code of 153214 and higher

  OR

- Identified by 3 white dots

## PROCEDURE

1. Perform a vehicle diagnostic using the latest ISTA version

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

2. Is fault code **0x800AC0** stored?

   o No – Continue standard diagnosis

   o Yes – check the KAFAS camera date code

| | |
|---|---|
|  GRUSB6615-02 | **Note: Latch mechanisms of two-part mirror base cover (1) must not be damaged.** Remove the two-part mirror base cover (1) by pressing from below and separating. Slide out two-part mirror base cover (1) and remove. |
| | The date code label is shown on the |

GRUSB6615-03

bottom of the KAFAS camera (3).


GRUSB6615-05

NEW Note: The picture is for illustration purposes only.

- The affected units will have a date code of 152701 to 153213.

- The date code is highlighted by the green arrow and box.

- The updated part will have a date code of 153214 or higher


GRUSB6615-04

- NEW Note: Some updated parts may not have a date code of 153214 or higher. Rather, they will have 3 white dots, as shown.

3. NEW Replace the KAFAS camera if the date code range from 152701 to 153213.

4. Refer to Repair Instructions REP 66 51 030 – remove and install/replace KAFAS camera

**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.

**Fault Code "0x800AC0" is stored and the KAFAS camera has a "date code" of 1527 to 1532**

| Defect Code: | 66 51 02 15 00 | |
|---|---|---|
| | | |
| **Labor Operation:** | **Labor Allowance:** | **Description:** |
| 00 00 006 | Refer to KSD2 | Performing "vehicle test" (with vehicle diagnosis system – checking faults) |
| And: | | |
| 61 21 528 | Refer to KSD2 | Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery") |
| And: | | |
| 66 51 531 | Refer to KSD2 | Replace KAFAS camera (after vehicle diagnosis) |

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

**Other Repairs**

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans results, claim this work with the applicable defect code and labor operations listed in KSD2.