



## **SUBJECT**

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

## **MODEL**

F32 (4 Series Coupe)

F36 (4 Series Gran Coupe)

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.

**CORRECTION**

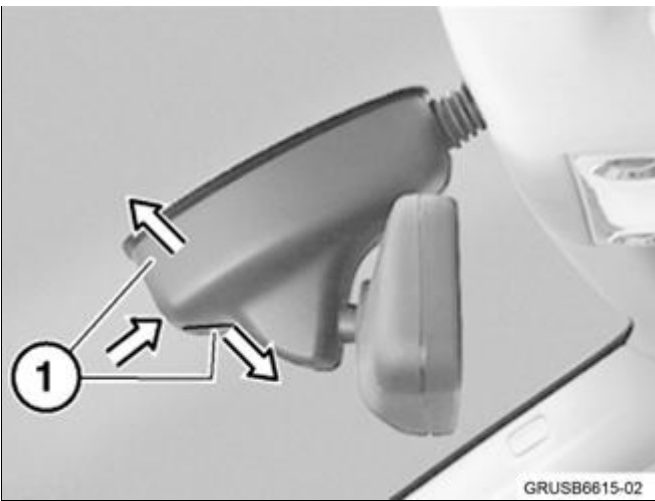
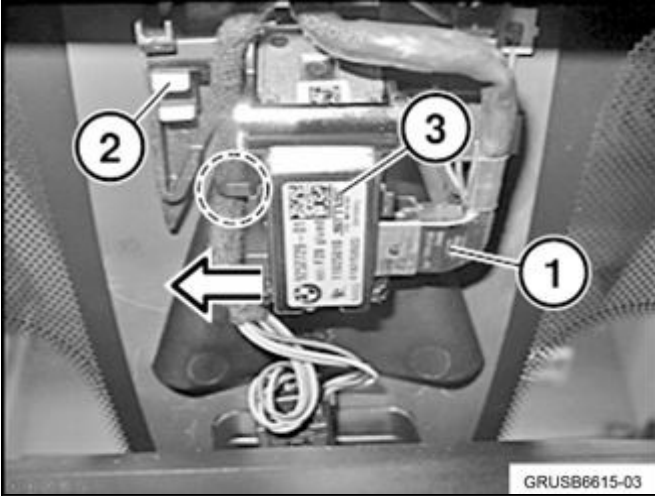
Install the KAFAS camera with a date code of 1533 or higher

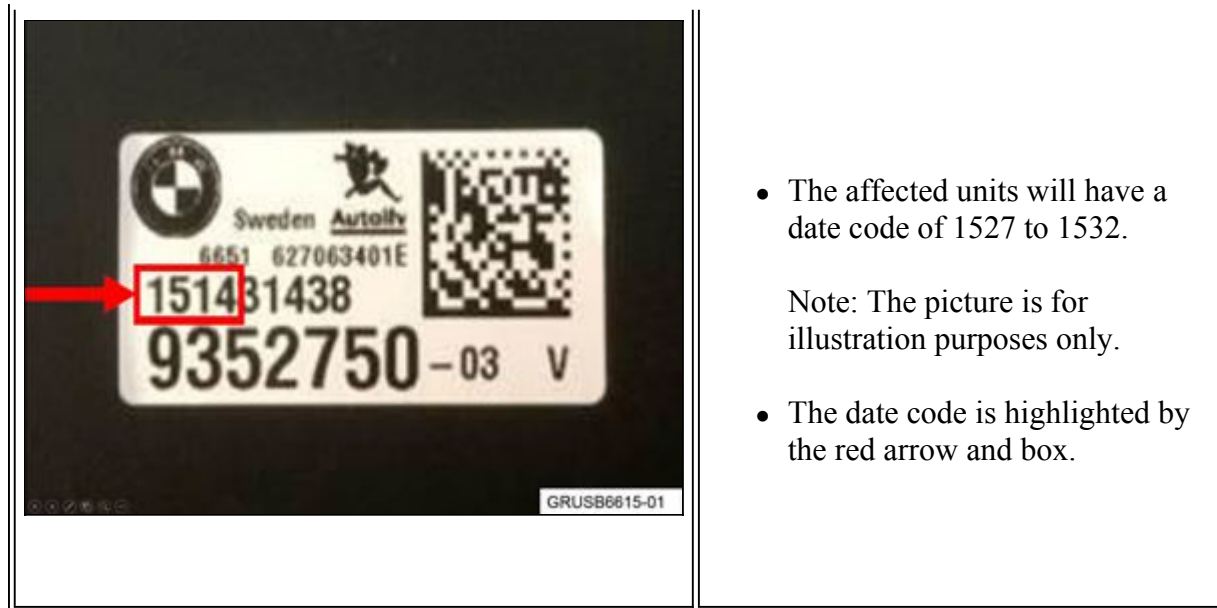
**PROCEDURE**

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

 <p style="text-align: right;">GRUSB6615-02</p>	<p><b>Note: Latch mechanisms of two-part mirror base cover (1) must not be damaged.</b></p> <p>Remove the two-part mirror base cover (1) by pressing from below and separating.</p> <p>Slide out two-part mirror base cover (1) and remove.</p>
 <p style="text-align: right;">GRUSB6615-03</p>	<p>The date code label is shown on the bottom of the KAFAS camera (3).</p>



- The affected units will have a date code of 1527 to 1532.

Note: The picture is for illustration purposes only.

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

3. Replace the KAFAS camera if the date code is between 1527 to 1532.
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**

<b>Defect Code:</b>	<b>66 51 02 15 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
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.

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