



SIB 66 31 19

2020-02-26

## REARVIEW CAMERA: SPORADICALLY NO IMAGE IS DISPLAYED

This Service Information Bulletin (Revision 1) replaces SI B66 31 19 **dated October 2019**.

### What's New (Specific text highlighted):

- Model
- Correction
- Procedure
- Parts
- Warranty

## MODEL

| E-Series | Model Description            | Production Date                   | Affected Option Code                                                                                         |
|----------|------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| G05      | X5 Sports Activity Vehicle   | Start<br><br>Of<br><br>Production | 3AG – Rearview camera<br><br>Or<br><br>5DM – Parking Assistant<br><br>Or<br><br>5DN – Parking Assistant Plus |
| G06      | X6 Sports Activity Coupe     |                                   |                                                                                                              |
| G07      | X7 Sports Activity Vehicle   |                                   |                                                                                                              |
| G14      | 8 Series Convertible         |                                   |                                                                                                              |
| G15      | 8 Series Coupe               |                                   |                                                                                                              |
| G16      | 8 Series Gran Coupe          |                                   |                                                                                                              |
| G20      | 3 Series Sedan               |                                   |                                                                                                              |
| G29      | Z4 Roadster                  |                                   |                                                                                                              |
| F91      | M8 Convertible               |                                   |                                                                                                              |
| F92      | M8 Coupe                     |                                   |                                                                                                              |
| F93      | M8 Gran Coupe                |                                   |                                                                                                              |
| F95      | X5 M Sports Activity Vehicle |                                   |                                                                                                              |
| F96      | X6 M Sports Activity Coupe   |                                   |                                                                                                              |
| G12      | 7 Series Sedan (LCI)         | From March 1 <sup>st</sup> , 2019 |                                                                                                              |

Without option code 5DV – Remote Control Parking.

## SITUATION

When reverse gear is selected or the rear view camera is activated, sporadically no image is displayed on the Central Information Display (CID). If the ignition is cycled off and back on, the function is restored.

## CAUSE

Software error between the head unit and the rear-view camera.

## CORRECTION

Program and encode the vehicle using ISTA 4.21.3x or higher (released late January, 2020).

- Target Integration Level (I-level): S18A-19-11-555 or higher

Note: This new software further improves the start-up behavior of the rear view camera/ camera system. However, extremely sporadic failure of the rear view camera may still occur.

## PROCEDURE

1. Connect vehicle to ISTA 4.21.3x or higher and perform diagnosis.
2. Complete all related test plans.
3. Program and encode the vehicle only if one or more of the following conditions are met:

- a. Measures plan show new software available for:
  - i. Headunit and /or
  - ii. iCAM/TRSVC
- b. The vehicle I-level is below the target integration
  - i. Target I-level: S18A-19-11-555 or higher

Note: Further software improvement will be made with ISTA 4.22.1x or higher and I-level of 20-03-524 (pending verification). ISTA 4.22.1x expected availability is the beginning of March 2020.

**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 replacement will not provide a remedy.

## **WARRANTY INFORMATION**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

**If you have this situation, update the vehicle to the current available I-Level by performing and submitting for one of these open Technical Campaigns. Please be sure to also perform any other additional work as required by the campaign. Lastly, close any remaining open programming and encoding Technical Campaign repairs on the vehicle.**

Only if the above Technical Campaign situation does not apply and the specified PROCEDURE requirements (Step #3) are met, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program as described below.

| <b>Defect Code:</b>    | <b>6653040200</b>                                                                       | <b>Control unit TRVC/TRSVC, surround view camera (Rear Side View camera) software error / internal equipment fault</b> |
|------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|                        |                                                                                         |                                                                                                                        |
| <b>Labor Operation</b> | <b>Description</b>                                                                      | <b>Labor Allowance</b>                                                                                                 |
| 00 00 006              | Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)   | Refer to AIR                                                                                                           |
| Or:                    |                                                                                         |                                                                                                                        |
| 00 00 556              | Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)   | Refer to AIR                                                                                                           |
| And:                   |                                                                                         |                                                                                                                        |
| 61 21 528              | Connect an approved battery charger/power supply (indicated in AIR as Charging battery) | Refer to AIR                                                                                                           |
| And, if necessary:     |                                                                                         |                                                                                                                        |
| 61 00 006              | Performing vehicle diagnosis – test module                                              | Work time (WT)                                                                                                         |
|                        |                                                                                         |                                                                                                                        |

|           |                                      |              |
|-----------|--------------------------------------|--------------|
| And:      |                                      |              |
| 61 00 730 | Programming/encoding control unit(s) | Refer to AIR |

And, additionally for the:

### e-Vehicles

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

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 AIR for the corresponding flat rate unit (FRU) allowances.

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.

### Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

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 (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) 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.

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 in AIR (including diagnosis with separate punch times).