SIB 66 31 19   2020-03-10

REARVIEW CAMERA: SPORADICALLY NO IMAGE IS DISPLAYED

This Service Information Bulletin (Revision 2) replaces SI B66 31 19 **dated February 2020.**

What's New (Specific text highlighted):
• Correction
• Procedure
• Warranty

MODEL

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

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 4.22.1x or higher (released March 4, 2020).
• Target Integration Level (I-Level): S18A-20-03-524 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 4.22.1x 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

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    i. Target I-level: S18A-20-03-524 or higher

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.

To close, invoice and claim the applicable Technical Campaign repair Defect Code(s) together with the corresponding special labor operation that identifies the vehicle is or will be at the specified Target integration level or higher as part of another campaign or repair.

If there aren't any programming and encoding Technical Campaign repairs open and the vehicle's current I-level is below the Target I-level of S18A-20-03-524, then submit as follows:

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

Defect Code:	6653040200	Control unit TRVC/TRSVC, surround view camera (Rear Side View camera) software error / internal equipment fault
Labor Operation	**Description**	**Labor Allowance**
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

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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).