



This Service Information Bulletin (Revision 6) replaces SI B66 08 17 **dated January 2020**.

What's New (Specific text highlighted):

- Warranty

MODEL

E-Series	Model Description	Production Date	Affected Option Code
F90	M5 Sedan		With either 3AG – rear view, or 5DM – Parking Assistant, or 5DN – Parking Assistant Plus
G01	X3 Sports Activity Vehicle		
G02	X4 Sports Activity Coupe		
G12	7 Series Sedan		
G30	5 Series Sedan		
G32	640i xDrive Gran Turismo		

And without SA 6U3 – BMW Live Cockpit Professional

SITUATION

Sporadically, when the rear view camera is activated, no image appears in the display. The rear view camera can be activated by either:

1. Selecting reverse with the shift selector
2. Camera activation via the button on the center console

Camera function returns after a terminal change.

Note: This error situation can rarely, if ever, be duplicated on demand.

CAUSE

Head-unit interface software start-up synchronization error for the rear view camera.

CORRECTION

Reprogram and code the vehicle.

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

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.
2. Complete all related test plans.
3. Program and code the vehicle only if the measures plan show new software available for:
 - a) Head Unit and/or
 - b) iCAM /TRSVC
4. Program the vehicle using ISTA 4.19.2x or higher (released September 2019).
 - Target Integration Level: 19-07-553 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

No parts required. Parts replacement **will not** provide a solution to this situation.

WARRANTY INFORMATION

During this workshop visit, the 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.

Update the vehicle to the required I-level or higher by performing and submitting for one of the open Technical Campaigns instead. Please be sure to also perform any additional work (before and/or after) the campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, 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.

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		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

Labor operation code 00 00 006 is a Main labor operation. 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.

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 IRAP recovery procedure (when applicable as required)/repair work 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 the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).