



SIB 66 20 19

2019-11-13

SERVICE ACTION: REPLACE KAFAS (CAMERA-BASED DRIVER ASSISTANCE SYSTEM) CAMERA

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

This Service Information Bulletin (Revision 2) replaces SI B66 20 19 **dated July 2019**.

What's New (Specific text highlighted):

- Parts Information

MODEL

G05 (X5 Sport Activity Vehicle)	G07 (SAV)	G14 (8 Series Coupe)	G15 (8 Series Convertible)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

AFFECTED VEHICLES

This Service Action involves approximately 7,462 vehicles (G05, G07, G14, G15, G20 and G29 models) produced from March 2018 to May 2019.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

SITUATION

A malfunction of the KAFAS camera can occur due to a voltage supply fault. This triggers a Check Control Message (CCM) to be displayed sporadically during the drive cycle-

- "Driver Assistance support restricted. Permanent Driver Assistance restriction. Must be checked by the Service Partner."



Note: The Drivers Assistance Systems are temporarily not available during this time. Once the warning

clears itself, then the system is reactivated and becomes operational again. This may occur multiple times during the drive cycle.

CAUSE

KAFAS camera hardware.

CORRECTION

Replace the KAFAS camera.

PROCEDURE

1. Remove and install KAFAS camera according to repair instructions REP 66 51 030.
 - Note: If ISTA 4.18.x or higher is being used, refer to REP 66 51 561 – Removing KAFAS camera and REP 66 51 571 – installing KAFAS camera
2. Connect the BMW-approved battery charger.
3. Program and encode the vehicle using the ISTA 4.18.30 or higher
 - Target Integration level is 19-07-539 or higher
 - Estimated ISTA availability is early August 2019 (pending verification)
4. Depending on the follow-up list, carry out a vehicle test and delete the fault memory if needed

Always connect a BMW-approved battery charger/power supply (SI B04 23 10) when performing programming.

PARTS INFORMATION

Only use and invoice the specific part numbers identified below.

Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part numbers may result with the wrong part number(s) being invoiced and installed, this could delay the payment of claim.

Part Number	Description	Quantity
66 51 7 911 468	KAFAS Camera	1



Note: Other small parts such as screws, nuts and seals which must be replaced according to the ISTA repair instructions must be selected from the Electronic Parts Catalog according to the respective vehicle type, and invoiced under the special defect code.

In principle, parts requiring replacement as part of a Technical Campaign are not subject to the TeileClearing process.

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0066320100
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Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop.

Work Pkg	Labor Operation:	Labor Allowance:	Description (Plus work):
# 1	00 67 982	11 FRU	Replacing the KAFAS camera, programming and encoding control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)
Or:			
# 2	00 67 983	3 FRU	Replace the KAFAS camera (Programming and encoding control units was performed in conjunction with another campaign or repair during the same workshop visit) (Plus work)

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Or:

The vehicle arrives at your center and this Service Action shows open (No other Main work will be performed/claimed during this workshop visit)

Work Pkg	Labor Operation:	Labor Allowance:	Description (Main work):
# 3	00 67 362	12 FRU	Replacing the KAFAS camera, programming and encoding control units (includes connecting an

			approved battery charger/power supply and performing a vehicle test) (Main work)
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Claim Repair Comments

Unless additional related/in conjunction work was required (not addressed and/or included in one of the options provided above), then only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B66 20 19 WP 1).

And, as applicable:

Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI B01 29 16 for additional information.

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 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 (including diagnosis) in AIR.