



## NIGHT VISION 3: INTERNAL SOFTWARE ERROR FAULT

### MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 Sports Activity Vehicle)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G12 (7 Series Sedan)	G30 (5 Series Sedan)	G32 (6 Series Grand Turismo)	F90 (M5)

Produced March 1st, 2019 to December 1st, 2019.

Equipped with option code 6UK – Night Vision with Pedestrian Detection

### SITUATION

During vehicle diagnosis of an unrelated issue, the following erroneous fault may be stored in the Night Vision 3 control unit:

- 800494 – Internal software error



**Note: This fault does not lead to a customer concern and does not affect vehicle functionality.**

### CAUSE

Software fault in Night Vision 3 camera.

### CORRECTION

Until ISTA version 4.20.1x becomes available, this fault can be ignored and deleted.

This fault will be remedied by ISTA 4.20.1x, **expected to be available late October 2019.**

Once ISTA 4.20.1x is available, perform the following:

- Work through the corresponding test module
- Program/encode the vehicle using ISTA 4.20.1x or higher
  - o Target Integration level (I-level) S18A 19-11-5xx, 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

A part exchange does not provide a solution.

## WARRANTY INFORMATION

When the BMW software solution becomes available and in conjunction with the diagnosis of un-related vehicle issue, programming/encoding the control units for this concern is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>6654019900</b>	<b>Night Vision camera control unit (Night Vision) fault code stored in diagnosis fault code memory (no warning lamp)</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 00 730	Refer to AIR	Programming/encoding control unit(s)

Refer to AIR for the corresponding flat rate unit (FRU) allowance.

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

### Programming and Encoding - Vehicle Control Units

- A. 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.

- B. 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.

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