



MODEL

E-Series	Model Description	Production Date	Affected Option Code / Engine
F90	M5 Sedan	Up to November 1 st , 2018	With either 5AS (Driving Assistant) or 5AV (Active Guard) or 5AT (Driving Assistant Plus) or 5DF (Active cruise control with Stop & Go function)
G01	X3 Sports Activity Vehicle		
G02	X4 Sports Activity Coupe		
G12	7 Series Sedan		
G30	5 Series Sedan		
G32	6 Series Gran Turismo		

SITUATION

The Driver Assistance System limited warning message is displayed. The key read data may have following CCM ID's:

- ID 849 – Pedestrian warning

And / or

- ID 595 – Collision warning

The following fault memory is also stored in the control unit of the Camera-based Driver Assistance System (KAFAS) camera:

Fault Code entry KAFAS:

Fault code	Description
E05240	Signal fault - BMW_CHASSIS_SteeringAngle – Signal invalid

CAUSE

Software of the KAFAS control unit.

CORRECTION

Programming and/or test plan completion.

PROCEDURE

1. Perform a vehicle test and check for faults.
2. Is the I-Level lower or older than 18-11-523?
 - Yes - Program the vehicle using a more recent version of ISTA
 - No – Proceed to step 3
3. Complete test plan for related fault codes stored.
4. Reassess the vehicle.

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

WARRANTY INFORMATION

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

The vehicle I-Level is lower or older than 18-11-523:

Defect Code:	6138160200	Control unit, Camera-based Driver Assist System (KAFAS) software error/internal device 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

And, additionally for the-

e-Vehicles (e.g., 530e):

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.

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.

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.

Other Repairs (Step 3)

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis with separate punch times).