



MODEL

F90 (M5 Sedan)	F91 (M8 Convertible)	F92 (M8 Coupe)	F95 (X5 M SAV)
F96 (X6 M SAC)	F97 (X3 M Sports Activity Vehicle (SAV))	F98 (X4 M Sports Activity Coupe (SAC))	G01 (X3 SAV)
G02 (X4 SAC)	G05 (X5 SAV)	G06 (X6 SAC)	G07 (X7 SAV)
G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)	G16 (8 Series Gran Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)

Vehicles equipped with option code:

6U3 BMW Live Cockpit Professional

Production date:

G05, G06, G07, G14, G15, G16, G20, G29, F91, F92, F95, F96	All Production
G01, G02, G12 LCI, G30, G32, F90, F97, F98	From March 2019

SITUATION

Instrument cluster remains dark after starting the vehicle. After a restart, normal functionality is restored.

CAUSE

Software error in the KOMBI (Instrument Cluster).

CORRECTION

Program the vehicle.

PROCEDURE

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
2. Is the vehicle at I-level S15A-19-11-500/S18A-19-11-500?

Yes: Do not program the vehicle. Perform diagnosis with ISTA.

No: Proceed to Step 3.

3. Program the vehicle using ISTA 4.20.2x or higher (released November 2019).

Model	Target integration level
F90 F97 F98 G01 G02 G12 G30 G32	S15A-19-11-500 or higher
F91 F92 F95 F96 G05 G06 G07 G14 G15 G16 G20 G29	S18A-19-11-500 or higher

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Parts replacement will not provide a solution

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.

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:	6211204200	KOMBI display/pixel/backlighting (in the instrument cluster) malfunction
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

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.

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

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).

Other Repairs

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).