



SERVICE ACTION: REPLACE THE ROOF FUNCTION CENTER (FZD)

This Service Information Bulletin (Revision 1) replaces SI B61 14 21 SA **dated November 2021**.

What's New:

- Parts Information updated
- Claim Information updated

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

MODEL

E-Series	Model Description	Production Date	Affected Option Code
F95	X5 M Sports Activity Vehicle	From September 7, 2021 to September 16, 2021	SA 06U8 BMW Gesture Control
F96	X6 M Sports Activity Coupe		
G01	X3 Sports Activity Vehicle		
G02	X4 Sports Activity Coupe		
G05	X5 Sports Activity Vehicle		
G06	X6 Sports Activity Coupe		
G30	5 Series Sedan		
G80	M3 Sedan		

SITUATION

The BMW Gesture Control function may fail permanently as a result of high temperature fluctuations.

AFFECTED VEHICLES

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 ISPA NEXT.

CAUSE

An incorrectly adjusted spring contact pin could damage the printed circuit board, which can lead to a failure of the camera for gesture control operation.

CORRECTION

Replace the roof function center module (FZD).

PROCEDURE

1. Remove and install the FZD as described in Repair instructions **61 31 043** Removing and installing the roof function center.
2. Program the vehicle using **ISTA 4.31.1x** or higher (released August 2021).

Model	Target integration level
G01, G02, G30	S15A-21-07-540 or higher
F95, F96, G05, G06, G80	S18A-21-07-540 or higher

Note: It is essential that the programming is carried out using the I-level given above.

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

To determine the which roof function center module part number below applies to the specific vehicle being repaired, perform a part number look-up in ETK (EPC) by VIN.

Part Number	Description	Quantity
61 31 5A43483 61 31 5A5A502	Roof function center	1
or		
61 31 5A43485 61 31 5A5A504	Roof function center	1
or		
61 31 5A43487 61 31 5A5A506	Roof function center	1
or		
61 31 5A43488 61 31 5A5A507	Roof function center	1

CLAIM 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.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher after replacing the FZD.

Preferably this Service Action with labor operation code 00 71 699 or 00 71 184 which includes replacing the FZD and programming/encoding the vehicle.

Please be sure to also perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any other open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

As determined by the above, reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below, and the part number listed above that applies.

Defect Code:	0061170600	G20 G21 G26 G30 G32 G80 Replacing roof function center (FZD)
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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	Description (Plus work)	Labor Allowance
# 1	00 71 699	Replacing the FZD and programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528)	10 FRU
Or:			
# 2	00 71 700	Replacing the FZD (Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit)	2 FRU

Or:

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

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 71 184	Replacing the FZD and programming and encoding the vehicle control units, includes	11 FRU

		Carrying out vehicle test (00 00 006/61 21 528)	
Or:			
# 4	00 71 185	Replacing the FZD (Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit)	3 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B61 14 21 WP 1), unless otherwise required by State law.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Defect Code in this bulletin with the labor operations in AIR that apply.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including diagnosis) in AIR that apply.

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.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topics of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department