



This Service Information bulletin supersedes SI B51 22 16 dated August 2016.

## MODEL

G12 (7 Series)
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## SITUATION

Sunroof reopens when initiating automatic close from tilt position (momentary push) even though track is free of obstruction.

Sunroof can be closed by initiating closing without anti-trap protection (push and hold after anti-trap reversal).

## CAUSE

Anti-trap threshold value too sensitive in FZD (Roof Functions Center) software.

Malfunction in the slide-tilt motor may be caused by the vehicle standing in high ambient temperatures for an extended period of time.

## CORRECTION

Reprogram the vehicle.

Parts replacement only under specific conditions.

## PROCEDURE

1. Perform diagnosis with the latest version of ISTA.

**Was the sunroof able to be closed by pushing and holding the close button after anti-trap reversal?**

**YES**— go to step 3.

**NO** – continue to step 2.

2. Replace the sunroof motor with the improved version now listed in ETK. Go to Step 5.
3. Program the vehicle using ISTA/P 3.58.0 or higher.
4. Initialize the slide tilt roof.
5. Verify that all functions are operational.

<b>G12 (7 Series)</b>	Target integration level: S15A-16-03-502 or higher
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Note that ISTA/P 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/P, refer to Centernet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

# PARTS

Part Number	Description	Quantity
Refer to EPC	Sunroof drive motor	1

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>61 31 74 02 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
67 61 515	Refer to KSD2	Replace drive with gear unit for sunroof operation
OR		
00 00 006*	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

\*If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 00 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

### Vehicle Programming and Encoding

If a control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.