



This Service Information bulletin supersedes SI B54 02 13 **dated September 2013.**

NEW designates changes to this revision

SUBJECT

Sunroof Gets Stuck or Moves in Small Steps

MODEL

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (3 Series Coupe)

F34 (3 Series Gran Turismo)

Produced to November 1, 2013

SITUATION

During opening or closing the sunroof, one or more of the following situations may occur:

1. The sunroof becomes stuck
2. One-touch open and close no longer works
3. The sunroof moves in small steps.

CAUSE

Software error in the sunroof control module (FZD)

Some or all of the following fault codes may be stored:

0x030212 - SHD: Activation timeout, no block recognition

0x030214 - SHD: Zero position passed, loss of calibration

0x030215 - SHD: Invalid characteristic curve, not normalized

0x030216 - SHD: 90% motor temperature threshold exceeded

0x030217 - SHD: Motor operation interrupted by overheating

0x030218 - SHD: Motor does not start due to overvoltage or undervoltage

0x030219 - SHD: Errors in the checksum coding

0x03021C - SHD: Not initialized due to invalid marginal conditions (motor driver)

0x030220 - SHD: System not normalized

0x801A02 - Coding: Control unit is not coded

NEW PROCEDURE

Do not replace any parts!

1. Perform a vehicle test using diagnostic tools and check for fault codes.

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

2. Complete all related test plans.
3. Program and code the vehicle using the latest version of ISTA/P.
 - o Target integration (new) F020-13-11-501 or higher

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

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

4. Retest the sunroof functionality.

NEW WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code:	61 31 74 02 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing vehicle test
and		
61 21 528	Refer to KSD2	Connect an approved battery charger / power supply (indicated in KSD 2 as Charging battery)
and		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)
and, as necessary		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module.

Labor operation code 00 00 006 is a Main labor operation. If you are already 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) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Work time (WT) labor operation 61 00 006 requires an individual punch time.

If a control module fails to program correctly or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

Other Repairs

If performing other ISTA diagnostics and related test plans results in **eligible and covered work**, claim this work with the applicable defect code and labor operations listed in KSD2.

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