**SIB 66 18 20**                                                                  2020-12-07
GESTURE CONTROL: UNINTENDED OPERATION

## MODEL

| F90 (M5 Sedan LCI) | F91 (M8 Convertible) | F92 (M8 Coupe) | F93 (M8 Gran Coupe) |
|---|---|---|---|
| F95 (X5 M Sports Activity Vehicle - SAV) | F96 (X6 M Sports Activity Coupe - SAC) | F97 (X3 M SAV) | F98 (X4 M 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) | G22 (4 Series Coupe) | G30 (5 Series Sedan) |
| G32 (640i xDrive Gran Turismo) | | | |

Affected vehicles are equipped with the following option code:  6U8 – BMW Gesture Control

## SITUATION

The Gesture camera inadvertently detects movement and performs unintended operations.

## CAUSE

Software coding error in the roof function control unit (FZD).

## CORRECTION

Program and encode with ISTA 4.27.1x (expected release December 4, 2020, pending verification) or higher.

Target I-level: S15A/S18A-20-11-540 or higher.

## PROCEDURE

1. Determine the vehicle's current I-level by either using AIR or the Key reader/ISPA NEXT application.

2. Perform either step 3 or 4 below depending on current I-level.

3. If the vehicle current I-level is lower than S15A/S18A-20-11-540:

    a) Connect the vehicle to ISTA 4.27.1x or higher

    b) Program and encode the vehicle

    c) Reassess the vehicle

4. If the vehicle current I-level is higher than S15A/S18A-20-11-540:

    a) Do not program the vehicle

    b) Perform diagnostics with ISTA 4.27.1x or higher

    c) Reassess the vehicle

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

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

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

## PARTS INFORMATION

Part replacement will not provide a solution and is therefore not permitted.

## 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) as required by the open campaign(s) on the vehicle. Close any other remaining open programming and encoding 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: : | 6512801500 | Gesture Control Permanent 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 | Support voltage of the vehicle electrical system / recharge vehicle electrical system 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) allowance.

**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 (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

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).

**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).

As applicable to your center, please refer to **SI B01 01 20 or B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures.

## QUESTIONS REGARDING THIS BULLETIN

| Technical inquiries | Submit feedback at the top of this bulletin |
|---|---|
| Warranty inquiries | Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal |
| Parts inquiries | Submit an IDS ticket to the Parts Department |

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