

**SERVICE ACTION: REPLACE THE GEAR SELECTOR SWITCH (GWS)**

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
G01	X3 Sports Activity Vehicle	February 24 thru March 12, 2019
G02	X4 Sports Activity Coupe	February 25, 2019

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 the Key Reader.

SITUATION

The functional lighting and/or locator lighting on the shifter selector lever (aka gear selector switch GWS) may flicker over time, or intermittently not illuminate.

CAUSE

The GWS may not have been produced to specifications.

CORRECTION

Replace the GWS and program the vehicle.

PROCEDURE

1. Replace the gear selector switch. Refer to Repair Instruction 61 31 342 "**Remove and install gear selector switch.**"
2. Connect the vehicle to a BMW-approved battery charger/power supply (refer to SI B04 23 10).
3. Program the vehicle using ISTA 4.18.3x (released early August 2019) or higher to:
4. Target I-Level: S15A-19-07-539 or higher
5. Upon the conclusion of the programming session, confirm the vehicle is fault-free. Any additional faults should be diagnosed as needed.

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

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

PARTS INFORMATION

Part Number:	Description:	Quantity:
61 31 9 458 755	Selector lever in G01 G02, left-hand drive vehicle	1
07 14 7 118 984	Self-locking oval-head screw M5X25	4

Performing a part number look-up in ETK or AIR by VIN or model in place of using/invoicing the part number(s) in this bulletin may result with the wrong parts being invoiced and installed.

Note: Other small parts such as screws, nuts and seals, which must be replaced according to the ISTA repair instructions, must be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the special defect code.

WARRANTY INFORMATION

During this workshop visit, the affected vehicle may also show one or more other programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

If you have this situation and updating the vehicle to the current available i-Level also addresses the other Technical Campaign issues, please be sure to also complete (performing any other additional work as required) and close the remaining open programming and encoding Technical Campaign repairs.

To close, invoice and claim the applicable Technical Campaign repair Defect Code(s) together with the corresponding special labor operation that identifies the vehicle is or will be at the specified Target integration level or higher as part of another campaign or repair.

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0061220500	G0x G1x Replacing gear selector switch
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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 68 609	Replacing the selector lever with programming and encoding the vehicle control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)	12 FRU (G01); 13 FRU (G02)
Or:			
# 2	00 68 610	Replacing the selector lever only (Programming and encoding the vehicle control units was performed in conjunction with another campaign or repair during the same workshop visit) (Plus work)	4 FRU (G01); 5 FRU (G02)

Or:

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

Work Pkg	Labor Operation:	Description (Main work)	Labor Allowance
# 3	00 68 082	Replacing the selector lever with programming and encoding the vehicle control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)	14 FRU (G01, G02)

Claim Repair Comments

Unless additional related/in conjunction work was required (not addressed and/or included in one of the options provided above), then only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B61 12 19 WP 1), unless otherwise required by State law.

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 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 this control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

And, as applicable:

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.