

**SERVICE ACTION: PROGRAM CONTROL UNITS (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

G12 (7 Series sedan)

G30 (5 Series sedan)

## AFFECTED VEHICLES

This Service Action involves G12 (740i, 740e iPerformance, 750i, M760i) and G30 (530i, 530e iPerformance, 540i, M550i) produced from June 13th to July 18th 2017

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

After the engine start-up, gear (Drive or Reverse) cannot be selected. Message "No drive position change possible" is displayed in the CC display.

Gear can be selected only after vehicle goes through the sleep cycle.

## CAUSE

Unfavorable GWS gear shifter software

## CORRECTION

Update the GWS software

## PROCEDURE

Program the vehicle using **ISTA Next 4.06.3x** or higher.

| Model    | Target Integration level        |
|----------|---------------------------------|
| G12, G30 | <b>S15A-17-07-502 or higher</b> |

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 / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

## WARRANTY INFORMATION

This Service Action repair **does not** qualifies for Alternative Mobility Solution (AMS) expense reimbursement.

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

|                     |                   |  |
|---------------------|-------------------|--|
| <b>Defect Code:</b> | <b>0061640400</b> |  |
|---------------------|-------------------|--|

**Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop**

| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>   |
|-------------------------|-------------------------|---|
| 00 65 717               | 1 FRU                   | Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified “Target” integration level or higher, no repair is necessary) (Plus work) |
| Or:                     |                         |   |
| 00 65 716*              | 8 FRU                   | Programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)   |

Or:

**Completion after vehicle delivery to the customer**

| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>   |
|-------------------------|-------------------------|---|
| 00 65 152               | 1 FRU                   | Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified “Target” integration level or higher, no repair is necessary) (Main work) |
| Or:                     |                         |   |
| 00 65 151*              | 10 FRU                  | Programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)   |

\*For the 530e iPerformance and 740e iPerformance vehicles, recharging the high-voltage battery unit (to high voltage charging socket) is also included.

**Vehicle Programming and Coding**

When ISTA/P automatically reprograms and codes all the vehicle’s control modules that “currently do not have” the latest software and 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 KSD2/AIR labor operations.

**Other Repairs**

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 KSD2/AIR.