



## STEERING WHEEL HEATER OUTPUT TOO LOW

### MODEL

G12 (7 Series)  
 With option code SA 05AT (Driving Assistant Plus)  
 Vehicles produced from: July 1, 2015 to July 1, 2016

### SITUATION

Steering wheel heater does not get warm in vehicles with Driving Assistant Plus.

### CAUSE

Ineffective steering wheel electronics control module.

### CORRECTION

Replace steering wheel electronics control module and program the vehicle with ISTA.

### PROCEDURE

1. Perform diagnosis with the latest version of ISTA.
2. Replace the steering wheel electronic control module refer to ISTA repair REP 61 31 231 "Remove and install/replace the steering wheel module".
3. Program the vehicle using ISTA/P 3.59.0 or higher.

Model	Target integration level
G12 (7 Series)	<b>S15A-16-07-501</b> or higher

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 / Diagnostics and Programming / Programming Documentation.*

### PARTS INFORMATION

Part Number	Description	Quantity

32 30 6 884 828	Steering wheel electronic control	1
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## WARRANTY

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Defect Code</b>	<b>61 37 05 02 00</b>	
<b>Labor Operation</b>	<b>Labor Allowance</b>	<b>Description</b>
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 KSD 2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And		
61 31 731	Refer to KSD2	Removing and installing or replacing control for electronics control steering wheel module
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 61 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 Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

## Other Repairs

Control module failures that occur prior to programming and/or additional work is performed as a result of performing the ISTA diagnostics and related test plans:

- • When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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