



ERRATIC PARK DISTANCE CONTROL SYSTEM BEHAVIOR

MODEL

G30 (5 Series Sedan)		
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With SA337 M sport package

And SA 5DM Parking Assistant

Or

SA 5DN Parking Assistant Plus

SITUATION

False detections occur when the wheels are turned (left or right) to a full end stop steering position. The following warnings may occur:

- Park Distance Control (PDC) is issuing warnings when no obstructions are present.
- With Active PDC, abrupt automatic braking occurs when in reverse.

CAUSE

Software error in the PDC control unit

CORRECTION

Reprogram vehicle using ISTA 4.12.3x or higher

PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
2. Program the vehicle using ISTA 4.12.3x or higher.

Model	Target integration level
G30 (5 Series Sedan)	S15A-18-07-531 or higher

Note that ISTA 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, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.



Note: Active PDC may be deactivated via the controller, if requested, as follows:

1. "My vehicle"
2. "Vehicle settings"
3. "Park"
4. "Emergency braking function Active PDC"
5. "Emergency braking function Active PDC"

The setting is saved for the driver profile currently being used.

PARTS INFORMATION

Parts replacement will not provide a solution to this situation.

WARRANTY INFORMATION

Programming and encoding to S15A-18-07-500 or higher is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	6633000200	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test 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 of 00 00 006.

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.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Vehicle Programming and Encoding

- A. 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 KSD2/AIR labor operations.

Please explain this additional work (The why and what) on the repair order in the claim comments section.

- B. For control module failures that occurred “prior” to performing this programming procedure; and/or
- C. Other work/repairs that results from performing ISTA diagnostics and the related test plans:

When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in KSD2/AIR.

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