



## CHECK CONTROL MESSAGE - PARKING ASSISTANCE RESTRICTED

### MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 Sports Activity Vehicle)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

### SITUATION

Some car washes utilize an air curtain at the entrance. When passing through the air curtain, a Check Control Message (CCM) "Restricted parking assistance" may be displayed on vehicles with certain option codes. This is due to the following fault sequence:

1. "Extraneous noise detected", then
2. "Blindness detected"

Only vehicles equipped with **any** of these option codes are affected:

- 0508 Park Distance Control (PDC); available on all models either as standard or optional equipment
- 05DM Parking Assistant, available only on G29 as optional equipment
- 05DN Parking Assistant Plus, available on all models except G29

The CCM will not reset itself. It will be displayed each time the Park Distance Control (PDC) is activated, even though the fault is no longer present and the vehicle has completed the car wash process.

### CAUSE

Ultrasonic sensors, and/or software error in PDC control module.

The following faults are logged based on the sequence of occurrence:

1. 0x803207 - sensor system: Extraneous noise detected
2. 0x803206 - sensor system: Blindness detected

### CORRECTION

- Run diagnosis with ISTA
  - Work through the corresponding test module if necessary
  - Program/encode the vehicle using ISTA 4.15.2x or higher
- Target Integration level (I-level) S18A 18-11-549, or higher

**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 CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation



Note: Parts replacement will not provide a solution to this situation.

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>6633000200</b>	<b>Control unit, parking maneuvering assistant PMA software error / internal device fault</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to AIR/KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR/KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528:	Refer to AIR/KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)
And:		
61 00 730	Refer to AIR/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 AIR/KSD2 for the corresponding flat rate unit (FRU) allowances.

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

### Programming and Encoding - Vehicle Control Units

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 AIR/KSD2 labor operations.

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

B. 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 (including diagnosis) in AIR/KSD2.

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