



EPS INTERMITTENT ASSIST FAILURE, FC 4823FA

MODEL

F48(X1)	
Produced up to 10/31/2016	

SITUATION

The steering assistance fails after several, consecutive parking maneuvers or sustained hold at the end stop. EPS assistance starts functioning again after a few minutes.

And,

Fault code 4823FA (“EPS control unit internally overload, reduction in steering assistance”) is stored in the EPS control module.

CAUSE

EPS software error (overloading protection function over sensitivity).

CORRECTION

Program and encode the vehicle with updated software.

PROCEDURE

For conditions that are similar to the situation described:

1. Run diagnostics with ISTA/D to read fault memory.
2. Program and encode the vehicle with ISTA/P P3.60.0 (or ISTA NEXT 4.02.10), or a more recent version to integration level F056-16-11-501.

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software. For information on programming and coding with ISTA/P, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

Always connect a BMW approved battery charger / power supply ([SI B04 23 10](#)).

A part exchange is not necessary and does not provide a solution.

WARRANTY INFORMATION

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:	32 13 02 14 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD	Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery")
And:		
61 00 730	Refer to KSD	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. 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.

Vehicle Programming and Encoding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles "arriving" with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed "prior" to programming and coding the vehicle or as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations listed in KSD2.

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