



MIL IS ON WITH FAULT CF0486 STORED IN THE EGS MODULE

MODEL

F48 (X1)
Only with the B46O engine and AISIN automatic transmission produced to 11/7/2016

SITUATION

The Service Engine Soon (MIL) light is on.

The following fault is stored in the AISIN EGS module:

- CF0486: EGS,PT-CAN2: Line fault/electrical fault

It is possible the following Check Control messages could be displayed:

- Engine fault! Power loss (CCM ID 29)
- Drive faulty! (CCM ID 419) – The transmission is in the emergency program and the engine is running with reduced power.

This fault occurs sporadically when the ignition is turned on or the engine started.

CAUSE

Unfavorable DME software

Only vehicles at the following I-levels are affected:

- F056-16-03-50x or F056-16-07-50x

CORRECTION

Update the DME software.

Parts replacement will not correct this situation and is not permitted.

PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis using the latest version of ISTA Next.

- Program the vehicle using the latest version of ISTA/P (3.60.0) or ISTA Next 4.02.10 or higher.

Target integration level: **F056-16-11-500 or higher**

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

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

WARRANTY INFORMATION

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

This repair is also covered by the terms of the Federal Emission (applies to all vehicles sold in the United States including Puerto Rico) and when applicable, the State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components).

Coverage under the terms of the BMW Certified Pre-Owned Program applies to BMW vehicles that have and are still within the BMW Certified Pre-Owned Limited Warranty coverage period but beyond the applicable emissions warranty coverage.

Defect Code:	1042315900	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 730	Refer to KSD2	Programming/encoding control units

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 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.

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