SIB 13 02 18   2020-01-29
DME FAULT CODE 1B8004 ENVIRONMENTAL AIR CATALYST(EAC)
SENSOR

This Service Information Bulletin (Revision 1) replaces SI B13 02 18 **dated April 2018.**

What's New (Specific text highlighted):
• Entire content

MODEL

F48 (X1 Sports Activity Vehicle)	Up to 7/2016 production

SITUATION

The Malfunction Indicator Lamp (MIL) light is on, and the following fault code is stored in the DME:

- 1B8004 - EAC Sensor: Temperature - Engine coolant temperature radiator outlet, comparison, to each other implausible

CAUSE

DME software calibration error for EAC sensor diagnostics.

CORRECTION

Reprogram the DME to the latest I-level (see below).

PROCEDURE

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.

2. Program the vehicle using ISTA 4.20.2x or higher (available mid-November 2019).

Model	Target integration level
All listed above (Model)	**F056-19-11-520** 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 DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

NOTE: It is no longer necessary to replace the radiator with EAC sensor for this fault.

WARRANTY INFORMATION

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

Defect Code:	1362191200	PremAir sensor/EAC sensor (cooler test sensor)

	permanently failed	
Labor Operation	**Description**	**Labor Allowance**
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)	Refer to AIR
And, as necessary:		
61 00 006	Performing vehicle diagnosis – test module	Work time (WT)
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

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 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.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

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 (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

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

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

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