SIM 13 01 18 2019-11-12

DME FAULT CODE 1B8004 ENVIRONMENTAL AIR CATALYST(EAC) SENSOR

This Service Information Bulletin (Revision 1) replaces SI M13 01 18 **dated April 2018.**

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

MODEL

E Series	Model Description	Production Date
F54	MINI Clubman	Up to 7/2016
F55	MINI Hardtop 4 Door	Up to 7/2016
F56	MINI Hardtop 2 Door	Up to 7/2016
F57	MINI Convertible	Up to 7/2016

With the B36M and B46M engines

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 MINI-approved battery charger/power supply (SI M04 08 09).

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

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

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If you should have this situation, update the vehicle to the current available I-level by performing and submitting for one of these open Technical Campaigns instead. Please be sure to also perform any additional work the campaign repairs require and/or close the remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

If the situation above does not apply, the MINI software solution is then covered under:

- The terms of the MINI New Passenger Car Limited Warranty
- The State-specific Emissions coverage when it is determined applicable
- The MINI NEXT/MINI Certified Pre-Owned Limited Warranty

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.

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 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 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 this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in AIR.

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis with separate punch times).

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