



SIB 16 07 15

2020-02-27

Fuel Tank Non-Return Valve Faults with SES Light

This Service Information Bulletin (Revision 4) replaces SI B16 07 15 **dated December 2016**.

What's New (Specific text highlighted):

- Added F02H to model list
- Part section removed
- Procedure changed

MODEL

E-Series	Model Description
F30H	Active Hybrid 3 Sedan
F10H	Active Hybrid 5 Sedan
F02H	Active Hybrid 7 Sedan

SITUATION

Check Engine Light (MIL) is illuminated, and the following faults are stored in the digital motor electronics (DME):

Fault code	Control module	Fault code text
191A94	DME	Fuel tank non-return valve: clamped shut
And/Or:		
191A93	DME	Fuel tank non-return valve: clamped open

CAUSE

Software error.

CORRECTION

Program the vehicle.

PROCEDURE

Determine the vehicle's current I-level by using AIR or the Key reader/ISPA NEXT application:

I-level is below 20-03-510:

- Program the complete vehicle using the latest version of ISTA
- Calibrate the fuel tank pressure sensor using ISTA test plan "ABL_DIT_AS1214_TVD_TDS" (found in the Service Function/Power train/Engine Electronics MEVD/Adjustment Functions/Adjust the fuel tank pressure sensor)

I-level is 20-03-510, or higher:

- Continue diagnosis with ISTA

WARRANTY INFORMATION

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

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Defect Code:	1611151200	Pressure sensor/temperature sensor, tank (hybrid/electric vehicle) permanently failed

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults)	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:		
61 25 910	Recharging high-voltage battery unit (to high voltage charging socket)	Refer to AIR
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.

Refer to AIR for the corresponding flat rate unit (FRU) allowance

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).

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).