SIB 16 04 20   2020-12-07
DELIVERY STOP: TANK VENTILATION DIAGNOSIS

This Service Information Bulletin (Revision 2) replaces SI B16 04 20 **dated November 2020.**

What's New (Specific text highlighted):
- Note on F90 has been added to the procedure

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

MODEL

E-Series	Model Description	Production Date
F90	M5 Sedan	December 20, 2017 – November 13, 2020
F91	M8 Convertible	October 16, 2018 - June 29, 2020
F92	M8 Coupe	October 15, 2018 – June 26, 2020
F93	M8 Gran Coupe	June 19, 2019 – November 12, 2020
F95	X5 M Sports Activity Vehicle	April 20, 2018 – November 11, 2020
F96	X6 M Sports Activity Coupe	March 25, 2019 – November 11, 2020
F97	X3 M Sports Activity Vehicle	October 2, 2019 – August 11, 2020

AFFECTED VEHICLES

Affected vehicles which require this Campaign to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System), ISPA NEXT or Warranty Vehicle Inquiry.

SITUATION

There is software error in the diagnosis of the fuel tank ventilation valve. This error may result in the Service Engine Soon (MIL) light not being activated if a fault is found in the tank vent system after a second fault detection.

This error will also disable diagnosis of the catalytic converter and oxygen sensor (if a fault is detected in the tank vent system).

CORRECTION

Program the vehicle using **ISTA 4.26.36** or higher.

PROCEDURE

Program the vehicle using **ISTA 4.26.36** or higher (released late **November 2020**).

Model	Target Integration level
F90 M5 Sedan F91 M8 Convertible F92 M8 Coupe	**S15A-20-11-533** or higher
F93 M8 Gran Coupe F95 X5 M Sports Activity Vehicle F96 X6 M Sports Activity Coupe F97 X3 M Sports Activity Vehicle	**S18A-20-11-533** or higher

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Note (F90): After programming, it is necessary to carry out a ride height adjustment.

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Always connect a BMW-approved battery charger/power supply (SI B04 23 10**) when performing programming.**

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

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.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher.

Please be sure to also perform any additional work (before and/or after) the selected campaign or other campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

Reimbursement for this Action will be via normal claim entry utilizing the applicable work package information below that applies:

Defect Code:	0012470500	F9x S58 S63 Program control units (OBD - tank vent valve)

Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 70 591	Programming and encoding the vehicle control units (includes providing support voltage for the vehicle electrical system and performing a vehicle test)	8 FRU
Or:			
# 2	00 70 592	Programming and encoding the vehicle control units was **performed in conjunction with another campaign/repair prior to or during this workshop visit** (vehicle is already at the specified Target integration level or higher, no repair is necessary)	1 FRU

Or:

The vehicle arrives at your center and this Action shows open (No other Main work will be performed or claimed during this workshop visit)

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 70 074	Programming and encoding the vehicle control units (includes providing support voltage for the vehicle electrical system and performing a vehicle test)	10 FRU
Or:			

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# 4	00 70 075	Programming and encoding the vehicle control units was **performed in conjunction with another campaign/repair prior to this workshop visit** (vehicle is already at the specified Target integration level or higher, no repair is necessary)	1 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B16 04 20 WP 1), unless otherwise required by State law.

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 IRAP recovery procedure (when applicable as required)/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 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).

As applicable to your center, please refer to **SI B01 01 20 or B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), WT and the repair-related explanation procedures

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department