



## EMISSIONS RECALL 19E-A02: PROGRAM CONTROL UNITS (DME)

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.

This Service Information bulletin (Revision 3) replaces SI 12 20 19 **dated May 2019**

**What's New** (Specific text highlighted):

- Changed to a emissions recall
- Situation
- Labeling information added

**Model**

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sports Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
F39 (X2 Sports Activity Coupe)	G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe )	G07 (X7 Sports Activity Vehicle)
G12 (7 Series Sedan)	G20 (3 Series Sedan)	G29 (Z4 Roadster)	G30 (5 Series Sedan)

Produced from June 19, 2015 to April 17, 2019.

**Situation**

A Delivery Stop has been issued (effective May 16, 2019) on certain Model Year 2016-2020 BMW vehicles that have been produced between June 19, 2015 and April 17, 2019. This Delivery Stop has now been changed to a voluntary emissions recall.

A software error within the Digital Motor Electronics (DME) may cause a miscalculation of an onboard diagnostic (OBD) function. All vehicles will need a software update (no parts required).

Please utilize the Inventory Campaign Details under ROSS which shows all vehicles that have a Stop Sale in your inventory.

**Affected Vehicles**

This recall includes approximately 88,224 vehicles produced from June 19th, 2015 to April 17th, 2019.

**Do not deliver to a customer a New, Certified Pre-Owned or Used vehicle subject to a Delivery Stop, until the vehicle is repaired. Do not use or sell replacement equipment/parts subject to an emissions recall.**

Vehicles which require this recall to be completed will show it as Open when checked either in AIR, the Service Menu of DCSnet (Dealer Communication System) or with the Key Reader.

**Cause**

A software error in the DME.

**Correction**

Program the vehicle using **ISTA 4.17.2x** or higher, which was released in mid-May, 2019.

**Procedure**

1. Connect the vehicle to a BMW-approved battery charger/power supply (SI [B04 23 10](#)).
1. Program the vehicle using **ISTA 4.17.2x or higher** to the appropriate I level below:

Model	Target Level
F22 (2 Series Coupe)	F020-19-03-546 or higher
F23 (2 Series Convertible)	
F30 (3 Series Sedan)	
F31 (3 Series Sports Wagon)	
F32 (4 Series Coupe)	
F33 (4 Series Convertible)	
F34 (3 Series Gran Turismo)	
F36 (4 Series Gran Coupe)	

Model	Target Level
F39 (X2 Sports Activity Coupe)	F056-19-03-550 or higher

Model	Target Level
G01 (X3 Sports Activity Vehicle)	S15A-19-03-548 or higher
G02 (X4 Sports Activity Coupe )	
G12 (7 Series Sedan)	
G30 (5 Series Sedan)	

Model	Target Level
G07 (X7 Sports Activity Vehicle)	S18A-19-03-548 or higher
G20 (3 Series Sedan)	
G29 (Z4 Roadster)	

1. Upon the conclusion of the programming session, confirm the vehicle is fault free. Any additional faults should be diagnosed as needed.

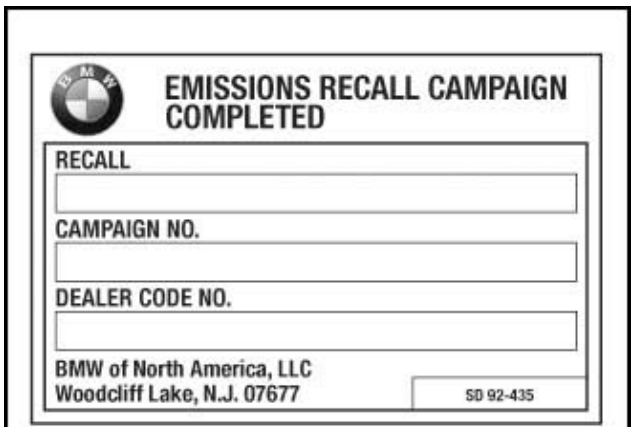
Note that ISTA Next will automatically reprogram and code all programmable control modules that do not have the latest software.

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

## Parts Information

Refer to SI [B10 02 15](#) for label ordering information.

## Label Instructions

 <p>The image shows a rectangular label with a BMW logo in the top left corner. The text reads "EMISSIONS RECALL CAMPAIGN COMPLETED". Below this, there are three horizontal lines for "RECALL", "CAMPAIGN NO.", and "DEALER CODE NO.". At the bottom left, it says "BMW of North America, LLC Woodcliff Lake, N.J. 07677". At the bottom right, there is a small box containing "SD 92-435".</p>	<p>After the vehicle has been checked and corrected, obtain a label (SD 92-435) and with the indelible marker provided, legibly print the Recall name, Recall number, and dealer code (5 digits) on the "Emissions Recall Campaign Completed Label" (see illustration).</p> <p>Peel the label from its backing and affix it to the right (passenger) rear side of the hood in the engine compartment, close to windshield.</p>
<p>GRUSB1212-01</p>	

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Year Model	Body Type	Vehicle Identification Number <input style="width: 100%;" type="text"/>
Manufacturer _____			Recall Number _____	
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's Name		Address, City, State and Zip		
_____		_____		
Date	Dealership's Authorized Signature			
_____	_____			
Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.				

S12 96 U31

For California centers only: It is required by the California Code of Regulations that an executed orange "Vehicle Emission Recall - Proof of Correction" certificate (SD92-084, refer to illustration above) be provided to each customer (for vehicles registered in the state of California), once the Recall on his or her vehicle has been completed.

## Warranty Information

Reimbursement for this recall will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>0012080500</b>	<b>Fx Gx Programming control units (DME)</b>
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**Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop.**

Labor Operation:	Labor Allowance:	Description (Plus work):
00 67 961	Refer to AIR	Programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)
Or:		
00 67 962	1 FRU	Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified Target integration level or higher, no repair is necessary) (Plus work)

Or:

**The vehicle arrives at your workshop and this Campaign shows open (No other Main work will be performed/claimed during this workshop visit)**

Labor Operation:	Labor Allowance:	Description (Main work):
00 67 345	Refer to AIR	Programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)
Or:		
00 67 346	1 FRU	Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified Target integration level or higher, no repair is necessary) (Main work)

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

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