



INTERMITTENT HEATER OUTPUT

This Service Information bulletin replaces SI B64 04 19 dated April 2019

What's New:

- Added new vehicle models
- Added note to Situation section
- Added part number verification to Procedure section
- Added new part numbers
- Warranty information attachment

Model

G12 PHEV (740e xDrive iPerformance Sedan) I15 (i8 Roadster)	G30 PHEV (530e iPerformance Sedan)	I01 (i3)	I12 (i8 Coupe)
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Produced from March 1 thru December 1, 2018

Situation

Intermittently the vehicle has no heater output, and the following fault code is stored in the IHKA:

Fault code	Control module	Text
E70C3A	IHKA	Electric auxiliary heater: EDH does not respond

Additional fault codes can also be stored:

Fault code	Control module	Text
E7147F	IHKA	Message OBD (LIN timeout, 0x11, AC-LIN4) receiver IHKA, transmitter electric heater
E71482	IHKA	Message OBD (LIN timeout, 0x13, AC-LIN4): receiver IHKA, sender of electric A/C compressor



Note: In some cases the customer may also complain of a check engine light (MIL).

Cause

IHKA software, faulty electric heater (EH); or faulty communication between the EH and the IHKA.

Correction

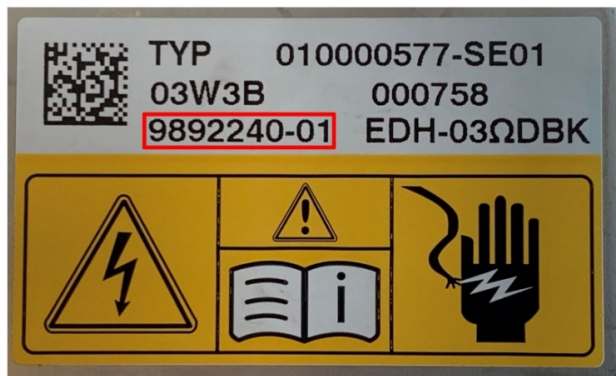
Replace the EH and program the vehicle if required.

Procedure

1. Replace the EH per Repair Instructions 64 12 320 "Removing and installing/replacing electrical heating".



Note: Verify the correct part number is being installed!
(G12 & G30 shown as example)



GRUSB6419-07

1. Program the vehicle with ISTA 4.14.1x (I-Level 18-11-520) or higher.

- **Always connect a BMW-approved battery charger/power supply**
- For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation

1. If the I-Level is currently 18-11-520 or higher:

- Do not program the vehicle
- Continue diagnosis with ISTA

Parts Information

I12 & I15-

Part Number	Description	Quantity
64 12 9 893 004	Flow heater electr.	1

I01-

Part Number	Description	Quantity
64 12 9 893 003	Flow heater electr.	1

G12 & G30-

Part Number	Description	Quantity
64 12 9 892 240	Flow heater electr.	1

Bulk Materials

Part Number	Description	Quantity
83 51 2 355 296	Coolant I01, I12, I15 (1 Liter concentrate)	Sublet as needed
82 14 1 467 704	Coolant G12, G30 (1 Gallon concentrate)	Sublet as needed

Warranty Information

Defect Code 64 12 19 11 00 Electric auxiliary heater/PTC occasional failure

Refer to the Attachment for Warranty Information.

Supporting Materials

[picture as pdf B640419 Attachment Warranty Information.pdf](#)