



This Service Information bulletin supersedes SI B12 27 15 **dated November 2015**

SUBJECT

NEW Service Engine Soon (MIL) – IHKA FC 801375 & 8013A3

MODEL

I01 (i3 REx)

I12 (i8)

NEW SITUATION

The Service Engine Soon light (MIL) is currently or intermittently illuminated in the instrument cluster and one or both of the fault codes below are stored in the Automatic Climate Control (IHKA).

- 801375 - Electric auxiliary heater (high voltage) is stored: Temporary fault detected after software reset
- 8013A3 - Electric auxiliary heater (high voltage): OBD temperature sensor, coolant below operating range

CAUSE

IHKA software or Electric Heater (EH).

PROCEDURE

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

1. **NEW** Program the complete vehicle with ISTA/P 3.57.1 (Target I-Level 15-11-502) or higher.
2. **NEW** Does the MIL illuminate again in combination with IHKA fault code 801375 and/or 8013A3?

NO - The situation **has been resolved**, or if

YES - Replace the EH per REP “64 12 320 - Removing and installing/replacing electrical heating.”

PARTS INFORMATION

Part number	Description	Quantity
64 21 9 363 105	Flow heater electric	1

Bulk Materials

Part number	Description	Quantity
83 51 2 355 296	Coolant i3 (1 Liter concentrate)	With SA 4T9 – 1.9L
		Without SA 4T9 – 1.6L

Note: 1 liter of Coolant i3 concentrate at a 50/50 mixture provides 2 liters of coolant solution.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	64 21 05 15 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

And:

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as “Charging battery to EME”)

Or, for the:

i3 Only

Labor Operation:	Labor Allowance:	Description:
		Connect an approved battery

61 21 529	Refer to KSD2	charger/power supply(indicated in KSD2 as "i3) (luggage compartment service cap removed)
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And, if necessary

Procedure Step 2B

Labor Operation:	Labor Allowance:	Description:
64 12 821	Refer to KSD2	Replacing electric heating (after vehicle diagnosis)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

And:

Sublet – Bulk Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (Please do not use the part number (s) for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

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