



SUBJECT

Fault Code 801230 Ionizer Internal Fault Is Stored in the Vehicle

MODEL

G12 (7 Series)

Vehicles produced up to October 31, 2015

Vehicles equipped with SA4NM Ambient Air Package

SITUATION

There is no customer complaint associated with this fault.

During a vehicle test, IHKA fault code “801230 – Ionizer: Internal Fault” is stored in the vehicle.

When this fault is stored, the Ionizer does not work at all.

CAUSE

Software error in the Ionizer control unit

PROCEDURE

1. Perform a vehicle test.
2. If fault code 801230 is stored in the vehicle permanently (cannot be cleared), replace the Ionizer control module per repair instructions “64 11 974 Replace control unit for Ionizer”.
3. If the fault code is sporadically stored in the vehicle and can be cleared, disregard the fault.

Always connect a BMW approved battery charger / power supply ([SI B04 23 10](#)).

PARTS INFORMATION

Part Number	Description	Quantity
64 11 6 813 097	Ionizer control module	1

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 11 68 15 000	
Labor Operation:	Labor Allowance:	Description:

00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as “Charging battery”)
And:		
64 11 974	5 FRU	Replacing control unit for Ionizer (After Vehicle Diagnosis)

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

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

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