



KNOCKING NOISE FROM RF WHEEL AREA WHEN A/C IS ACTIVATED

MODEL

I01 (i3) with Heat Pump (SA 4T9)

SITUATION

A knocking noise is heard when entering drive readiness or after driving a short distance with the air conditioning activated. This only affects vehicles with a heat pump (option code 4T9).



Note: The noise can only be reproduced once after a restart, then the vehicle must sit

for some time before the noise can be heard again.

CAUSE

Air Conditioning (A/C) receiver/dryer located near the RF wheel well area.

CORRECTION

Program IHKA control module.

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.

Program the vehicle with ISTA/P 3.59.0 (Target I-Level I001-16-07-501) or higher.

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 50 07 15 00		
Labor Operation:	Labor Allowance:	Description:	
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)	
And:			

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:		
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as “i3) (luggage compartment service cap removed)

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) allowance.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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