



SUBJECT

Check Engine Lamp On with No Relevant Faults Stored

MODEL

I01 (i3 REx)

Produced to 7/1/2014

SITUATION

Intermittently, a check engine lamp (CEL) is illuminated. The CEL is not accompanied by any drivability, functionality, or emissions-related problems. In addition, no relevant faults are visible during a diagnostic session.

CAUSE

The CEL is triggered by an erroneous fault stored in the automatic climate control unit (IHKA), which is not visible using ISTA/D.

CORRECTION

Update the vehicle software per the following procedure.

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. Perform a vehicle test using ISTA/D to determine if any relevant faults are present which would contribute to a CEL.
2. If any relevant faults are present, continue with diagnosis.
3. If no relevant faults are present, check the vehicle's integration level (target I-level I001-14-03-505). If needed, reprogram the vehicle using the latest version of ISTA/P (2.52.5). Then submit a PuMA case entitled "I01 CEL – no faults." Following the PuMA case, an IRAP session will be requested in order to reprogram the vehicle with the necessary software.
4. When the necessary software update (I-level I001-14-07-503) is released via ISTA/P, this SIB will be updated.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code:	64 11 64 14 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 “Charging battery to EME”) (luggage compartment service cap removed)

Labor operation code 00 00 006 is a main labor operation. 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. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

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