



SIB 13 01 21 INTERMITTENT FAULTS IN DME

2024-07-11

This Service Information Bulletin replaces SIB 13 01 21 **dated Feb 10, 2024**

What's New (Specific text highlighted):

G 310 Models added

MODEL

E-Series	Model Description
K02	G 130 GS
K03	G 310 R
K21, K21/11, K22, K23, K32, K33	R Nine T
K46/11, K46/12, K46/13, K67	S 1000 RR
K47, K47/11	S 1000 R
K48/11	K 1600 GT
K48/12	K 1600 GTL
K49, K69	S 1000 XR
K50, K50/11	R 1200 GS
K51, K51/11	R 1200 GS Adventure
K52	R 1200 RT
K53	R 1200 R
K53/11	R 1250 R
K54	R 1200 RS
K54/11	R 1250 RS
K60	HP4 Race
K61	K 1600 B
K70/11, K70/12	F 700 GS
K71	F 800 S
K71/11, K71/12	F 800 GT
K72, K72/11, K72/12	F 650 GS, F 800 GS
K73/02, K73/03, K73/11, K73/12	F 800 R
K75, K75/12	F 800 GS Adventure
K80	F 750 GS
K81	F 850 GS
K82	F 850 GS Adventure
K83	F 900 R
K84	F 900 XR

SITUATION

Mainly sporadic, isolated but also permanent faults occur in the throttle grip sensor, throttle valve, crankshaft signal, camshaft signal, transmission signal, fuel pressure sensor, gear-lever sensor (Gear Shift Assistant), oxygen sensor and switching cam. These can result in functional impairments and malfunctions, fault messages and fault memory entries.

Besides isolated defective components, the sporadic faults are often mainly caused by contact problems and increased contact resistances. These can generally occur along the entire signal path

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of the respective affected component, but especially at plug connections. In this context, the plug connection to the engine control unit has emerged as the main focus of the fault.

Analyses of defective parts showed that in many cases the passivation (a production coating) of the pins at the plug-in contact (plug connection) of the engine control unit can result in corresponding faults. A service solution for cleaning the pins has been created which can considerably improve contact if implemented correctly. In most cases, this means that exchanging expensive components like the DME or the wiring harness can be avoided.

PROCEDURE

Clean the pins on the connector of the engine control unit using special tool 61 13 8 779 140 (Special pin-cleaning brush) according to work item 13 61 030, (+13 61 530).

PARTS INFORMATION

Part Number	Description	Quantity
61 13 8 779 140	Cleaner contact	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Motorcycles and Scooters if applicable.

Defect Code:	61 13 01 75 00	On-board Socket Corrosion/Corroded
Labor Operation:	Labor Allowance:	Description:
13 61 030	2 FRU	Clean the contacts
+13 61 530	1 FRU	Clean the contacts

FRUs includes all repair procedures to complete the task with allowance for necessary ancillary tasks (e.g., visual inspection, lubrication, cleaning parts etc.) and administrative tasks.

Labor operation code 13 61 030 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation instead.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Contact the BMW Technical Support Group via TSARA
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Motorrad Parts Department

Supporting Materials

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