



SIB 16 01 24

SERVICE ACTION: R 12 nine T Fuel Contamination

2024-05-30

MODEL

Model	Model Description	Model Code
KR1	R 12 nine T	0N11

The affected vehicles have been marked with campaign number **0016220000** in AIR.

In order to determine if a specific motorcycle is affected by this campaign, it will be necessary to verify the vehicle VIN in AIR (Aftersales Information Research). Based on the response of the system, either proceed with the repair or take no further action. Please note, open campaigns or vehicle stops may not appear in DCS Warranty Vehicle Inquiry or sales systems until 24-72 hours after they are announced, therefore AIR is always the recommended method for determining open campaigns and vehicle stops.

SITUATION

After quality inspection it has been found that some fuel tanks have metal chips from the manufacturing process that were not satisfactorily removed despite cleaning. Depending on the level of contamination, this can cause the fuel pump to stop working which cause the vehicle to not start or the motor can stop while riding.

The affected vehicles have been placed under the delivery stop **STOP160007** associated with campaign number 0016220000, which will be lifted upon completion of this technical campaign.

Since 05/08/2024, only vehicles without this fault pattern are produced in series.

PROCEDURE

For vehicles that have not yet been delivered, the service action must be completed before vehicle handover.

In all instances in which the vehicles have already been handed over to customers, the customers must be made aware of the situation described above and asked to have the Technical Campaign carried out.

WARNING:

Fuel is highly flammable and hazardous to health.

Risk of fire, risk of damage to health

- Comply with the safety regulations.

The mileage of the bike determines the correct repair path. There are 2 mileage distinctions.

- Brand new vehicles right out of the crate with only the mileage from the factory.
- Any affected vehicle with more miles than the mileage from the factory.

Brand new vehicle with only mileage from the factory.

1. Find repair instruction "16 14 009 Removing/installing fuel pump" in AIR.

2. Remove the fuel tank.

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3. Rotate and move the fuel tank in all direction so that the fuel reaches and cleans all areas of the interior of the tank.
4. Place the tank upside-down on a suitable surface with protection against scratching the tank.
5. Remove the fuel pump flange and hang it sideways, then bring the tank into a raised position shown in the pictures below.

Note: the fuel pump does not have to be released and doesn't have to be completely removed.



6. Vacuum (with a suitable tool e.g Mityvac) the fuel completely and wipe out the remaining residue with a clean lint free cloth.



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7. Add up to 9 fluid oz (1 liter) of new clean fuel.
8. Rotate and move the fuel tank in all direction so that the fuel reaches and cleans all areas of the interior of the tank.
9. Vacuum (with a suitable tool e.g Mityvac) the fuel completely and wipe out the remaining residue with a clean lint free cloth.
10. Reinstall the fuel pump, replace the fuel pump flange seal if damaged. If not damaged the seal can be reused.
11. Reinstall the fuel tank.
12. Fill the fuel tank **full** with new clean fuel.

Vehicles with additional mileage than from the factory.

For vehicles with additional mileage, Fault codes must be checked.

1. If Fuel Pump Fault (0X3A1102) is stored and or present.
 - a. Perform the cleaning steps as stated above.
 - b. Install a new fuel pump with strainer.
 - c. Delete fault memory.
 - d. TSARA Standard INFO-Case is required to provide documentation the vehicle has the Fuel Pump Fault stored or present before replacing the fuel pump.
2. If Fuel Pump Fault (0X3A1102) is not stored or present.
 - a. No further action is required.
 - b. In this instance the contamination is not enough to cause a fault and there is no need to wash or flush the tank out.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in ETK which takes into account specific equipment and/or options.

Additional parts like gaskets, hardware and chemicals may be required for the complete repair.

Cost for the new clean fuel used for flushing and filling of the tank can be claimed under Sublet 04 in the comment field it must be documented the specific amount of fuel used.

Part Numbers

16 11 7 923 179	Seal	Replace if Damaged
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CLAIM INFORMATION

Please submit claims via the normal claim process using the information below:

Defect code

00 16 22 00 00	Cleaning fuel tank and replacing fuel
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Not every vehicle will require all the labor ops below. Only claim the labor op that represents the work performed and reflected on the RO.

Labor Operation

16 14 009	Removing/installing fuel pump	7 FRU
+16 14 502	Removing/installing fuel pump	6 FRU
46 52 510	Mounting and dismounting the rear-wheel stand with special tools (for motorbikes without a center stand)	1 FRU

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 16 14 009 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

[picture_as_pdf 16 01 24 R 12 nine T Fuel Contamination.pdf](#)

