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Aftersales Bulletin

00 16 68 02 00 – Service Action Fuel Tank Feed Line Check

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS AND PRIOR TO RETAIL DELIVERY.

Affected Vehicles

This service action affects Ghost (RR21) and Cullinan (RR31) models produced from November 8th, 2021 to November 12th, 2021.

Situation

The affected vehicles have been identified as having a potential issue concerning the fuel tank feed line push-fit connector not properly connected. This could result in a fuel smell inside the vehicle, fuel leak, and possibly no fuel supply to the engine with error code 'Drive Train Defect' if it goes unchecked.

Vehicles that have been identified within this campaign will need to have the fuel tank feed line connection checked and refitted if necessary.

Information

A technical campaign has been launched to ensure that all vehicles have the fuel tank feed line checked and refitted if necessary. Dealer personnel should use Integrated Service Processes Application (ISPA), S-Gate "Campaigns for Vehicle" to check whether a vehicle requires this technical campaign or via Aftersales Information Research (AIR). Please see bulletin "A10 2016 Recall / Technical Campaign Check" for details.

Procedure

The fuel tank feed line connection at the delivery unit must be checked to ensure:

- it is installed correctly, and
- the locks are fully engaged

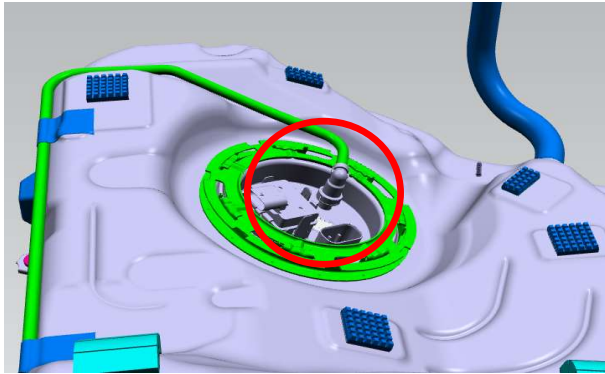
To access this connection, the fuel tank needs to be lowered.

Step 1. Lower the fuel tank. Refer to ISTA / AIR repair instructions 16 11 030 – removing and installing the fuel tank.

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Note: The fuel tank does not need to be completely removed to carry out the check. It is possible to check the connection by supporting the fuel tank and lowering it down.

Step 2. Locate the fuel tank feed line connection shown circled in “red” in the picture below.



Step 3. Compare connection on the vehicle to the example pictures provided below to identify properly installed fuel tank feed line.

Push-fit connection OK



Locking mechanism properly engaged = fuel tank feed line installed correctly.



No further action is needed. Reinstall the fuel tank following repair instructions.

Push-fit connection Not OK



Locking mechanism not properly engaged = fuel tank feed line installed incorrectly.



Properly install fuel tank feed line by pressing or pushing down on it until it is fully seated.

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Step 3. Reinstall the fuel tank following the repair instructions 16 11 030

⚠ WARNING

Working on fuel system.

Risk of fire! Explosion hazard!

- When working on the fuel system, make sure that the workbay is sufficiently ventilated, e.g. using extraction unit.
- Tightly seal off open lines and connections; collect any escaping fuel directly at the point of exit.
- No fire, sparks, open flames or smoking.

⚠ WARNING

Contact with hazardous fluids.

Hazardous to health!

- Note and follow safety information on containers.
- Conduct all work in appropriate personal protective equipment only.

i TECHNICAL INFORMATION

Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.

🔧 RISK OF DAMAGE

Damage to propeller shaft during removal.

Non-observance of the removal guidelines for the propeller shaft on the rear axle differential may cause severe damage.

- Do not disassemble the three-hole flange, flexible disc and propeller shaft. The three-hole flange to the rear axle differential is balanced with the flexible disc and propeller shaft.
- Loosen the recessed nut against the direction of travel in clockwise direction. The propeller shaft must be loosened on the recessed nut only and exclusively in the direction of rotation otherwise the anti-twist lock of the bi-hexagonal flange nut is damaged.
- In the event of a damaged anti-twist lock on the bi-hexagonal flange nut: Replace the rear axle differential.

3. Parts Information

Please refer to individual repair steps and follow recommendation for replacing all hardware required for renewal. The part list below is provided as supplemental information.

Description	Part Number	Quantity
Hex bolt	07 11 9 906 672	4
Hex nut with flange (M6)	41 24 8 147 832	1

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Hose clamp	07 12 9 952 117	2
Grease Optitemp HT 1 LF (50G)	83 23 0 417 754	1
Repair kit insert nut (M39x1,5x20)	33 12 7 607 158	1
Hex Bolt (M12x1,5x58-ZNS3)	26 11 7 523 709	3
Hexagon nut with collar (M12x1,5-10 ZNS3)	33 31 6 760 368	3
Collar nut (M8-8-SC-ZNNIV)	07 11 9 906 089	8
Hex Bolt (M8X25)	18 30 9 909 376	2
Clamping bush (D=80mm)	18 30 7 560 815	2
Seal for catalytic conv, close to engine*	18 32 8 482 632	2
Collar nut (M8)*	11 62 7 509 731	6

* For vehicles with particulate filter only (SA-IDF).

4. Warranty Information

Claims are subject to current Warranty terms.

Defect Code 00 16 68 02 00

Rolls-Royce Ghost (RR21/22)

Labor Code	Description	Labor	Notes
16 11 030*	Removing and installing fuel tank	47 FRU	Main work
16 11 520*	Removing and installing fuel tank	45 FRU	Plus work

*Only use one of the above codes.

Rolls-Royce Cullinan (RR31)

Labor Code	Description	Labor	Notes
16 11 030*	Removing and installing fuel tank	43 FRU	Main work
16 11 520*	Removing and installing fuel tank	42 FRU	Plus work

*Only use one of the above codes.

Contact

If you have further questions, please contact your Regional Aftersales Manager (RAM).

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