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Coding Information

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Title: Bus Diesel Fuel Cap Leaks

Applies To: Bus with diesel fuel tank cap leaks built 11/30/20 to 5/18/23

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

06/20/2023 - Initial Article Release

DESCRIPTION

This document is for Diesel buses built between 11/30/20 and 5/18/23 that are experiencing fuel leaks at the fuel tank cap.

SYMPTOM(s)

Customer Observations or Concerns:

Fuel cap leaks fuel during operation of the bus.

SPECIAL TOOL(s) / SOFTWARE

Not applicable

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
NECK,FUEL TANK FILLER , BTR DIESEL KIT, THRU FLOOR	4227136C91	1	Includes cap
RIVET , 5/32 IN NYLON	4344252C1	3	

DIAGNOSTIC STEP(S)



WARNING:

To prevent property damage, personal injury, and/or death, park the vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.



WARNING:

To prevent personal injury, and/or death, always wear safe eye protection, gloves, and any additional needed equipment when performing vehicle maintenance.

Step	Action	Decision
#1	DIAGNOSTIC: Does your bus have fuel leaking from the cap area as shown in Figure #1 below?	Yes. Proceed to Repair instructions.
		No. This article does not apply.



Figure # 1: Fuel Cap Leaking

Item 1: Fuel Cap
 Item 2: Fuel Pocket Door Assembly
 Item 3: Rivets

REPAIR STEP(s)

REMOVAL PROCEDURE:

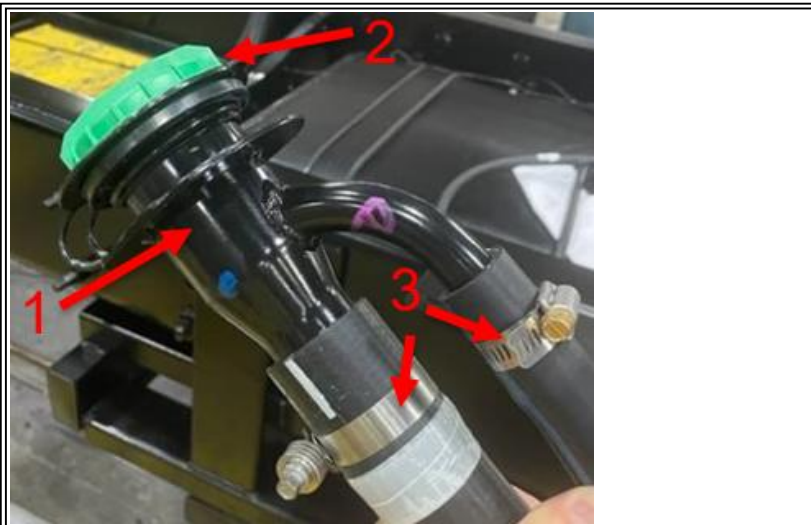


Figure #2: Fuel Neck

Item 1: Fuel Neck Assembly
 Item 2: Fuel Cap
 Item 3: Hose Clamps

1. Remove the fuel cap (item 2 in Figure #2). Can be retained for an extra shop part.
2. Remove the neck assembly from the fuel pocket door assembly as shown in Figure #1, by removing the rivets (item 3 in Figure #1).
3. Once the neck is separated from the fuel pocket, then loosen/remove the clamps (item 3 in Figure #2), and save for later.
4. Remove the fuel neck and discard.

INSTALLATION PROCEDURE:

1. Install new fuel neck as shown in Figure #2, onto fuel lines and reinstall clamps. Please orientate clamps as shown in Figure #2, and torque the fill hose clamp to 65 in-lbs and vent hose to 25 in-lbs.
 2. Remove the fuel cap (save for step 3) from assembly and install the new neck assembly into the fuel pocket door with the 3 rivets.
 3. Install the new fuel cap.
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WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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