



RECALL

R24DA: EV Fuel Fired Heater – Fuel Leak (FMVSS 301)

Models Affected: Certain 2021-2023 Model Year Blue Bird Electric Buses equipped with feature 01345-02

Issue: On identified buses there is a potential for diesel fuel to seep out of the 25-gallon auxiliary diesel fuel tank vent and onto the ground. The vent valve is designed to be installed into the vapor space of the tank. On some models, there is a standpipe below the vent valve. This stand pipe needs to be removed in order for the system to function properly.

Corrective Action: Ensure the aux fuel tank plumbing configuration is per Figure 1 below. If not, re-configure connections. Remove tank vent fitting from the tank, modify, and re-install.

Component Code: 40-100-151

SRT: 1.0 HR

Related Service Parts

Part Number	Description	QTY
10013053	VENT, FUEL TANK, GT TECH 2113	A/R
00082604	FITTING,PARKER,45 DEG,179HB-12-8	A/R
00938548	HOSE,RUBBER,9/32 X 17/32	A/R
01886357	HOSE,.75 ID X 1.03 OD,W-H H10112	A/R
01025857	CLAMP,HOSE,LINED,0.56 TO 1.06 DIA	A/R
02027571	CLAMP,HOSE,0.438 TO 0.781 DIA	A/R
00905745	SEALANT,PIPE,LOCTITE 567,W/TEFLON 250CC (Obtain Locally)	A/R

Parts should be ordered through Service Parts on an As Needed Basis.

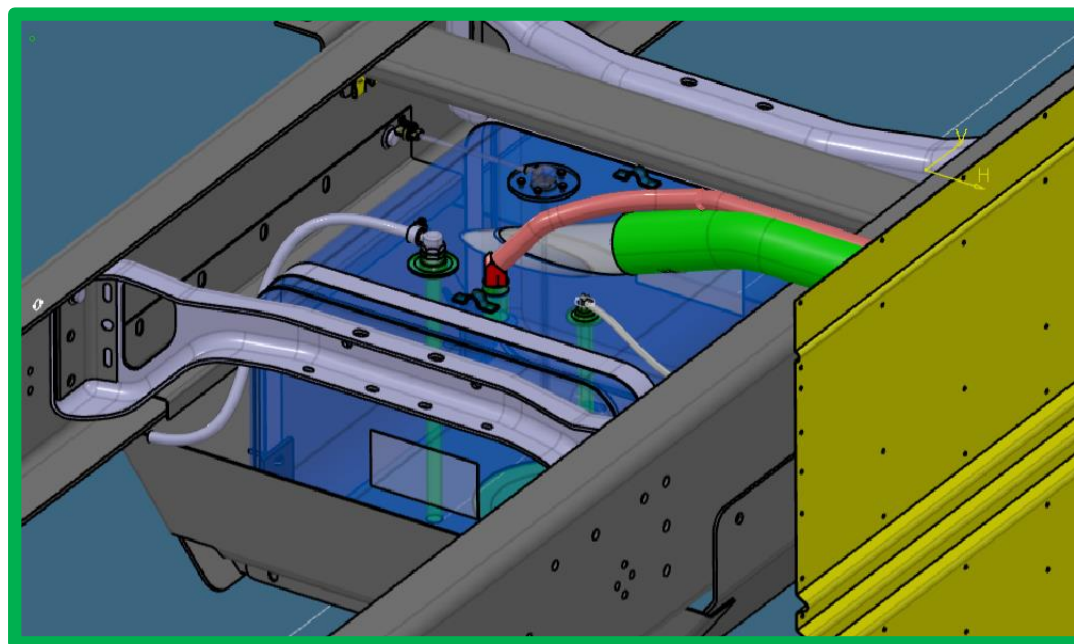


Figure 1

WARNING: Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment. Thoroughly read and understand all instructions before performing these procedures. Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

Instructions:

Step 1: Inspect fuel tank interface connection points. Replace/relocate components, as required.

- o Location A- Fuel Tank Vent
- o Location B- Fill Neck Vent
- o Location C- Fuel Fired Heater Supply

Step 2: Clean the area of dust/debris. Remove the vent line and vent valve and place aside

Step 3: Remove the threaded bung at location A out of the tank. It will have a stand pipe attached to the bottom

NOTE: You will need to bend the stand pipe as you remove the fitting from the tank. Bend as little as required to fully remove the bung/fitting assembly

Step 3: Cut the stand pipe off the bottom of the fitting

Step 4: Clean the threads on the fitting, apply Loc-tite™ 567 or equivalent, and install into the tank

Step 5: Re-Install the vent valve and associated plumbing



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Step 6: Correct any other mis-installed fittings in location B and C

