



BLUE BIRD

FINAL NOTICE

DATE: JULY 2, 2015

TO: BLUE BIRD OWNERS

SUBJECT: RECALL R14XD ROUSH PROPANE FUEL SUPPLY LINE FITTING

According to our records, we have not received confirmation that the above referenced recall dated July 3, 2014, has been completed. A copy of Recall R14XD is attached.

Your buses affected by Recall R14XD are identified by Blue Bird body number under Section 2 on the enclosed cover sheet.

If this is the first time you received notification of Recall R14XD, please read the enclosed notification carefully and follow the instructions provided.

If you have already had R14XD performed on your affected buses, please complete and mail the enclosed pink R14XD recall reply sheet to us in the enclosed postage paid pink reply envelope so we may update our recall records. Be sure the reply sheet is filled out properly.

Thank you for your prompt attention to this matter.

Regards,

Lisa Hancock

Lisa Hancock
Corporate Recall Administrator
(478) 822-2242

BLUE BIRD BODY COMPANY
P.O. Box 937 – 402 Blue Bird Blvd – Fort Valley, Georgia – (478) 825-2021



R14XD

IMPORTANT SAFETY RECALL NOTICE

NHTSA NO. 14V-297

July 03, 2014

Dear Blue Bird Owner:

This important safety recall notice applies to your buses identified by both Blue Bird body number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet.

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Blue Bird Body Company has decided that a defect which relates to motor vehicle safety exists in certain 2012 and 2013 model year Blue Bird "Vision" model school buses manufactured from January 10, 2012 through April 24, 2013 and equipped with Roush CleanTech LLC propane fuel systems.

Blue Bird has determined that under certain circumstances corrosion can and will develop affecting the integrity of the fuel supply valve fitting on the fuel tank causing the connection to weaken. This failure may result in possible leakage of propane autogas, which could potentially lead to fire.

To remedy this condition the aluminum fuel supply valve fittings on the Roush CleanTech propane tanks will be replaced with a new stainless steel fuel supply fitting. Only Roush CleanTech propane tanks identified within the following ranges of propane tank serial numbers installed on Blue Bird buses are affected by this recall.

80252 through 80543
81485 through 89164
262424 through 270072
A12102-002 through A12102-030

The enclosed R14XD Recall Inspection Sheet must be completed and returned to Blue Bird in the enclosed pink postage prepaid reply envelope to verify applicability of the Roush CleanTech propane tank serial number and fuel supply valve assembly part number to this recall. A Roush Propane Tank Serial Number Identification page with examples of propane tank data plates and location of serial numbers is also enclosed.

Replacement stainless steel fuel supply valve fittings will be provided to you at no charge for those buses with propane tank serial numbers within the Roush CleanTech propane fuel tank serial number ranges.

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You may contact your Blue Bird dealer to arrange to have this recall performed. Be sure to have your Blue Bird VIN number and propane tank serial number available when you place your call.

Or, you may contact your nearest Roush CleanTech Authorized Service Center to have this recall performed. If you need help in locating your nearest Roush CleanTech Authorized Service Center you may call Roush CleanTech at 1-800-597-6874 and Roush CleanTech will provide further instructions on how to have your bus repaired. Be sure to have your Blue Bird VIN number and propane tank serial number available when you place your call.

If you prefer and have personnel qualified to perform work on propane autogas systems, you may perform this recall remedy yourself or you may have a repair facility convenient to you that is qualified to work on propane autogas systems perform the recall remedy.

Labor time to inspect and record the serial number on each propane tank is 0.1 hour (6 minutes) per bus.

Labor time to replace the propane tank fuel valve fitting is 0.5 hours (30 minutes) per bus.

Repair performed by a Blue Bird dealer or Roush CleanTech Authorized Service Center will be performed at no charge to you.

If recall remedy is performed by your qualified personnel or a qualified repair facility convenient to you, reimbursement for labor may be obtained by completing the enclosed pink "**Labor Reimbursement**" reply sheet and returning it to Blue Bird in the enclosed **pink** postage prepaid reply envelope.

If you no longer own the subject bus(es), please complete the appropriate section of the yellow cover sheet and return to Blue Bird in the enclosed pink postage prepaid reply envelope.

If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, complete and sign the pink recall reply sheet and attach a copy of the work order/invoice. Mail the documents in the pink self-addressed postage prepaid reply envelope included with the recall notification to Blue Bird for warranty consideration. Reimbursements will be made in accordance with the requirements of the National Highway Transportation Safety Act, Title 49 Code of Federal Regulations, Parts 573 and 577.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.



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If Blue Bird Body Company or Roush CleanTech LLC should fail to or is unable to remedy this condition without charge to you, you may contact:

**ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
1200 NEW JERSEY AVENUE, SE
WASHINGTON, D.C. 20590**

Or, you may call The National Highway Traffic Safety Administration toll free at:

1-888-327-4236 TTY 1-800-424-9153 Or, go to: [HTTP://WWW.SAFERCAR.GOV](http://WWW.SAFERCAR.GOV)

Questions regarding this recall campaign should be directed to me at (478) 822-2242.

Sincerely,

Bill Coleman
Corporate Recall Administrator
Blue Bird Body Company

Roush Propane Tank Serial Number Identification

Shown below are the three types of propane tank data plates used on Blue Bird buses. The data plates are mounted in approximately the same area (mid-tank on the bottom side) on the tank. Serial number can be found in location indicated by red arrows.



Fig. 1

Located at top center of data plate

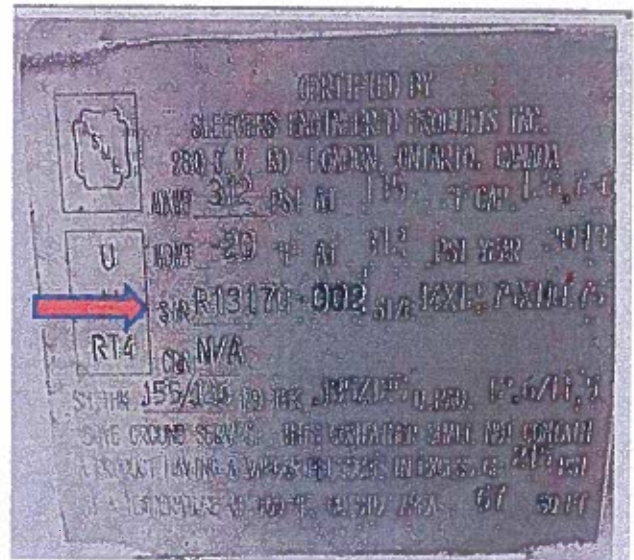


Fig 2

Located at left center of data plate

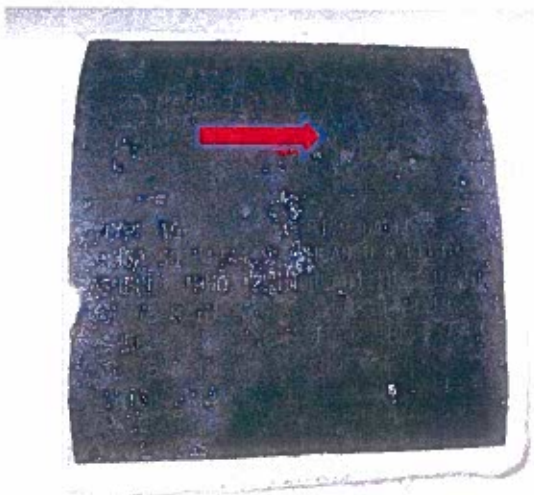


Fig. 3

Located at right top of data plate

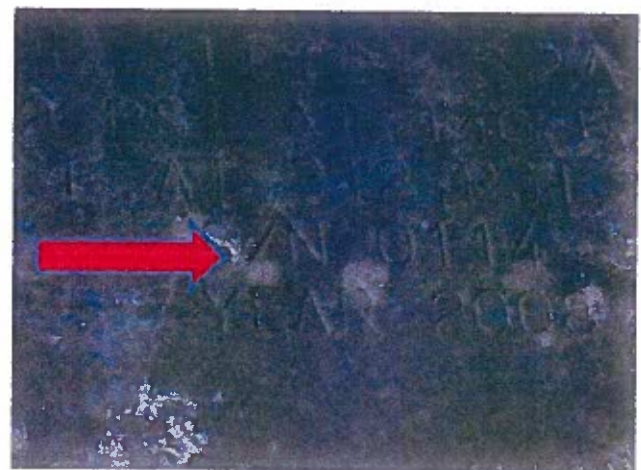


Fig 3a

Serial number detail (ex. S/N 0114)

Serial numbers shown are for reference only.

Fuel Supply Line Purging Procedure

The following procedure will evacuate fuel from **only the fuel supply line**, for replacement of the fuel supply valve quick-connect fitting. The fuel supply valve quick-connect fitting must be replaced after performing this procedure. For any other fuel system repairs, follow the recommended fuel evacuation procedure.

⚠ DANGER

Technicians working with, or around, fuel systems should be properly trained to utilize extreme care and caution at all times. Failure to exercise extreme caution and care may lead to serious accidents which can result in property damage, personal injury and/or death.

⚠ DANGER

LPG is under pressure, wear adequate eye protection. When LPG is discharged into the atmosphere, the rapid change in pressure can cause a refrigerant condition in the fuel (quick cooling) and can harm your skin or cause serious burns much like frostbite. Always wear appropriate protective gloves. Failure to heed this warning can result in serious personal injury.

⚠ DANGER

Propane is heavier than air and seeks the lowest available level when released to the atmosphere. Keep heat, sparks, flames, static electricity or other sources of ignition out of the area when venting or purging the fuel lines or tank. Failure to heed this danger can result in severe personal injury or property damage.

⚠ WARNING

Liquid propane is cold. The temperature of propane in its liquid state at atmospheric pressure is -44°F (-42°C). Wear eye and ear protection during venting and repair operations. Keep moisture away from the valves. Failure to heed this warning can result in personal injury.

1. Close the manual shutoff valve on the tank supply valve. Refer *Operating The Manual Shutoff Valve* for more information.
2. Remove the fuel pump fuse(s). This disconnects the power to the fuel pumps. Refer to the *Vehicle Specific Service Manual* for fuse location and quantity.
3. Start the engine and let it run until it stalls. This purges the fuel supply line of liquid propane.
4. Turn the key to the off position.
5. Remove the negative battery cable from the battery.
6. Using a 3/4-inch line wrench, slowly loosen fuel supply valve quick-connect fitting. Stop loosening as soon as propane begins to escape.
7. If the supply valve quick-connect fitting cannot be loosened with a 3/4-inch line wrench, refer to the *Fuel Line Purging* procedure to purge all fuel lines and fuel rails.
8. When propane is no longer escaping from the supply valve quick-connect fitting, the component can be replaced. Refer to the *Supply Valve Quick-Connect Fitting* removal and installation procedure.

NOTE

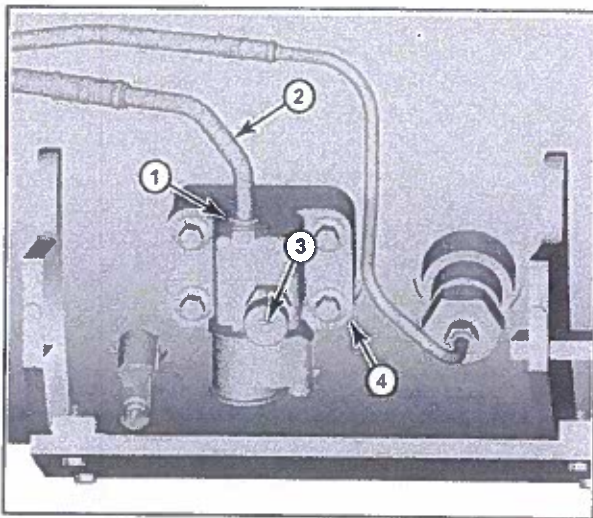
There may still be a small amount of propane in the lines after completing this procedure. Open the lines slowly and cautiously to bleed off any remaining propane.

Refer to the 2012 Ford E-150 / E-250 / E-350 / E-450 Service Manual available at www.roushcleantech.com/service

Supply Valve Quick-Connect Fitting



A trace amount of propane fuel is released when loosening the fittings. Propane settles to the lowest available surface before dissipating into the atmosphere. Keep heat, sparks, flames, static electricity or other sources of ignition out of the area when venting or purging the fuel lines or tank. Failure to heed this danger can result in severe personal injury or property damage.



Rear Fuel Line Connections on Tank (Typical)

1. Fuel Supply Valve Quick-Connect Fitting	3. Manual Shutoff Valve
2. Rear Fuel Supply Line	4. Fuel Supply Valve Assembly

REMOVAL

1. Close the manual shutoff valve on the tank. Refer to *Operating the Manual Shutoff Valve* for more information.
2. Purge the propane from the fuel supply lines. Refer to the included *Fuel Supply Line Purging Procedure* for more information.
3. Remove the negative battery cable from the battery.
4. Disconnect the rear fuel supply line from the mounting bracket clips. Refer to the *Vehicle Specific Service Manual* for fuel line retention points.

5. Disconnect the rear fuel supply line at the fuel supply valve quick-connect fitting using the appropriate Jiffy-Tite disconnect tool. Refer to *Tools and Equipment, Special Tools* for more information.
6. Remove the fuel supply valve quick-connect fitting using a 3/4-inch line wrench.
7. If the fuel supply valve quick-connect fitting cannot be removed, replace the fuel supply valve assembly. Refer to the *Fuel Supply Valve Assembly* repair procedure for more information.

INSTALLATION

1. Clean and inspect threads in the fuel supply valve assembly.
2. Install the new fuel supply valve quick-connect fitting (part #85672). Lubricate the O-ring using O-ring lubricant and tighten to 21.5 ±3.5 N•m (15.9 ±2.6 lb-ft).
3. Apply a small amount of o-ring lubricant to the tip of the rear fuel supply line.
4. Install the rear fuel supply line into the fuel supply valve quick-connect fitting. Pull back on the line to ensure a secure connection.
5. Connect the rear fuel supply line to the mounting brackets.
6. Connect the negative battery cable to the battery.
7. Once the repair is complete, refer to *Preparing Vehicle For Use After Service*.

Refer to the 2012 Ford E-150 / E-250 / E-350 / E-450 Service Manual available at www.roushcleantech.com/service