

PART 573 Defect and Non-Compliance Report

On 11, February 2005, Cummins decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573, Defects and Non-Compliance Reports.

This report was prepared on March , 18 2005

Manufacturer's Identification Code for this Recall: SAF05003

05U-110
(3 pages)

1. Fabricating Manufacturer/Brand Name/Trademark Owner of the Recalled Vehicle

Optima Bus Corp.
P.O. Box 19140
Wichita, KS 67204-9140

For further information on this report contact:

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The person preparing this report is:

Andrew Schaar
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Signed: Andrew Schaar

2. Identification of vehicles(s) with potential defect

Make: Optima Bus Corp.
Model Years Involved: 1998 - 2003
Model: ISB - Opus 29 & 34, AH-28, RT-52
Production Dates: Beginning: 5-14-1998 Ending: 2-10-2003
VIN Range: Opus 29 Beginning: - 535002 Ending: 535175
VIN Range: Opus 34 Beginning: - 535002 Ending: 535024
VIN Range: Trolley AH-28 Beginning: - 535072 Ending: 535266
VIN Range: Trolley RT-52 Beginning: - 535828 Ending: 535850
Vehicle Type: Diesel
Bodystyle: Opus, Trolley

Description of Vehicles in Recall Compared to those Not in the Recall: Units have a faulty fuel lift pump that can fail resulting in a stall condition.

Approximate Percentage of the Production of all the Recalled Models: 100%

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DEFECTS
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3. **Total Number of Vehicles Recalled Potentially Containing the Defect:** 417

Total Number Potentially Affected by the Recall: 417

4. **Approximate Percentage of the Total Number of Vehicles Estimated to Actually Contain the Defect:** 100%

Determination of Recall Population: Not Applicable

5. **Defect Description:** Cummins fuel lift pump.

Cause of Defect: Faulty fuel lift pump.

Consequences of Defect: If the fuel lift pump pumping element stops spinning and the fuel pumping vanes stop in a location which blocks fuel flow through the lift pump, the engine will be starved of fuel, resulting in low engine power, engine misfire, or engine stall.

Warning Which Can Occur: Prior to engine stalling, the operator could experience low engine power, engine misfire, and /or dash-mounted fault lamp illumination.

Corporate Name and Address of the Supplier of Defective Component: Cummins, Inc. Box 3005, Columbus, IN. 47202-3005

Name and Title of CEO or Representative of Supplier: Steven R. Butler, Engine Certification Director

6. **Chronological Summary (Defect)**

11 February 2005 - Notified by Cummins, Model Manufactured between 1998 - 2002.
NHTSA Campaign ID Number 05E-007.

7. **Test Reports/Data that Non-Compliance was determined:** Not Applicable

8. **Manufacturer's Remedy for the Defect -** Replacement of potentially defective parts.

Distinguishing Characteristics of the Remedy Component/Assembly Versus the Recalled Component/Assembly: Replacement of the fuel lift pump with an internal bypass and the installation of a low pressure warning system.

How and When the Recall Condition was Corrected in Production - 2003 ISB engine replaced with ISB02

9. **Recall Schedule -** All Optima Bus Corp. customers will be notified of the Cummins recall and required to inspect and repair their vehicle.

Safety Bulletin



9 March 2005

MODEL(s): Opus - ISB
SUBJECT: Cummins - Lift Fuel Pump
Optima Bus Bulletin #: SAF05003
NHTSA #:

Dear Optima Bus Corp Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Optima Bus Corp. has been informed (**Cummins Safety Bulletin 05E-007**) that a defect which relates to motor vehicle safety exists in the lift fuel pump on Opus ISB engines that were shipped to us from Cummins.

Enclosed please find Cummins's Safety Bulletin 05E-005. Please follow the instructions provided by Cummins and complete the certificate of compliance enclosed and return in accordance with the instructions on the certificate.

We regret any inconvenience that this action may cause you. However, we are concerned about your safety. If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236.

If you have any questions please contact our customer service department at 1-888-391-1777.

Sincerely,
OPTIMA BUS CORP.

A handwritten signature in black ink, appearing to read 'Stuart Showalter', written over a horizontal line.

Stuart Showalter
Training & Technical Publications Manager