



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, SW  
Washington, DC 20590

MAR 10 2005

JOE LABONTE  
ORION BUS INDUSTRIES LTD.  
350 HAZELHURST ROAD MISSISSAUGA  
ONTARIO CANADA 00 L5T 4T8

NVS-215  
05V-079

Subject: FUEL LIFT PUMP

Dear MR. LABONTE:

This letter is to acknowledge your recent defect or noncompliance information report. Please review the following information to ensure that it conforms to your records, as this is the information that will be made available to the public.

**Makes/Models/Model Years:**

ORION/II/1998-2002  
ORION/II/2004  
ORION/VII/2003-2004  
ORION/VII/2001

**NHTSA Campaign Number:** 05V-079

**Recall Date:** March 02, 2005

**Components:**

FUEL SYSTEM, DIESEL

**Potential Number of Units Affected:** 302

**Summary:**

ON CERTAIN TRANSIT BUSES, THE FUEL LIFT PUMP COULD FAIL IN A MANNER WHICH RESULTS IN ENGINE FUEL STARVATION, WHICH COULD RESULT IN A STALL CONDITION. POTENTIAL LIFT PUMP FAILURE MODES INCLUDE: BRUSH WEAR OUT, BUSHING FAILURE, ROTOR TAB INSERT FAILURE, OR ANY OTHER FAILURE MODE THAT WOULD CAUSE THE FUEL PUMPING ELEMENT TO STOP SPINNING.

**Consequence:**

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. FUEL STARVATION COULD CAUSE LOW ENGINE POWER, ENGINE MISFIRE, OR ENGINE STALL. PRIOR TO THE ENGINE STALLING, THE OPERATOR COULD EXPERIENCE LOW ENGINE POWER, ENGINE MISFIRE, AND/OR DASH-MOUNTED FAULT LAMP ILLUMINATION.

**Remedy:**

CUMMINS IS CONDUCTING THE OWNER NOTIFICATION AND REMEDY FOR THIS CAMPAIGN. OWNERS SHOULD CONTACT CUMMINS AT 1-800-343-7357 OR ORION BUS AT 905-403-7807.

**Notes:**

CUSTOMERS CAN ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S AUTO SAFETY HOTLINE AT 1-888-327-4236.

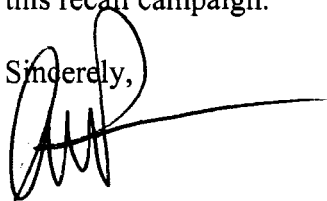
Please provide us with the beginning and ending dates for the build date range [of vehicles] affected by this recall.

As stated in your report, Cummins will be handling the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised that 49 CFR 573.5 provides that the vehicle manufacturer is responsible for any safety related defect or any noncompliance in the vehicle or any item of original equipment. If Cummins' campaign is not satisfactory, you may be required to conduct a follow-up notification.

Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Your contacts for this recall will be Pat Wallace or Delia Lopez, who may be reached by phone at 202-366-5232 or 202-366-9525 or by email at [patricia.wallace@nhtsa.dot.gov](mailto:patricia.wallace@nhtsa.dot.gov) or [delia.lopez@nhtsa.dot.gov](mailto:delia.lopez@nhtsa.dot.gov). We look forward to working with you for successful completion of this recall campaign.

Sincerely,



George H. Person  
Chief, Recall Management Division