



U.S. Department
of Transportation

400 Seventh Street, SW
Washington, DC 20590

**National Highway
Traffic Safety
Administration**

September 16, 2005

JOE LABONTE
COMPLIANCE AND SAFETY OFFICER
ORION BUS INDUSTRIES LTD.
350 HAZELHURST ROAD MISSISSAUGA, ONTARIO
CANADA 00 L5T 4T8

NVS-215
05V-406

Subject: ENGINE STALL CONDITION/CUMMINS

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/VII/2004-2005

NHTSA Campaign Number: 05V-406

Mfg's Report Date: September 8, 2005

Components: FUEL SYSTEM, OTHER:DELIVERY:FUEL PUMP

Potential Number of Units Affected: 96

Summary:

ON CERTAIN HYBRID TRANSIT BUSES EQUIPPED WITH CUMMINS ISB-02 DIESEL ENGINES BUILT WITH EMC CONTROLLED FUEL LIFT PUMPS. ERRATIC VOLTAGE SUPPLY TO THE FUEL LIFT PUMP CAUSES PREMATURE ELECTRIC BRUSH WEAR INTERNAL TO THE FUEL LIFT PUMP. THIS PREMATURE WEAR COULD RESULT IN FUEL LIFT PUMP FAILURE AND IN SOME CASES MAY CAUSE AN ENGINE STALL CONDITION.

Consequence:

SHOULD THE ENGINE STALL, A VEHICLE CRASH COULD OCCUR.

Remedy:

CUMMINS, IN CONJUNCTION WITH ORION, WILL NOTIFY OWNERS AND REPAIR THE ENGINES BY EMC RECALIBRATION AND REPLACEMENT OF THE FUEL LIFT PUMP AT NO CHARGE TO THE CUSTOMER. THE RECALL IS EXPECTED TO BEGIN DURING OCTOBER 2005. OWNERS SHOULD CONTACT CUMMINS ASSISTANCE CENTER AT 1-800-DIESELS OR ORION AT 1-315-223-5100.

Notes:

CUSTOMERS CAN CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236; (TTY: 1-800-424-9153); OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://WWW.SAFERCAR.GOV).

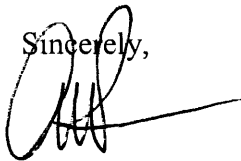
The information in your defect or noncompliance report appears to satisfy the requirement of 49 CFR 573.6 except for the following items:

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 conducting the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised if Cummins' campaign is not satisfactorily handled, the agency will require you to renotify owners.

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 or 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
Office of Defects Investigation
Enforcement