



INTERNATIONAL TRUCK AND ENGINE CORPORATION

3033 WAYNE TRACE, P.O. BOX 10088, FORT WAYNE, IN 46860-0088

TRUCK GROUP

June 17, 2004

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Subject: Revision to the Safety Recall 04509 (04V-250) Initial Information Report

Pursuant to Part 573.6, the attached is a revision to the Initial Information Report, originally submitted on May 26, 2004.

Items 5, 9 and 10 have been updated.

The undersigned should be contacted for any additional information regarding this recall at (260) 461-1890.

Very truly yours,

R. L. Van Laar
Compliance Manager
INTERNATIONAL TRUCK AND ENGINE CORPORATION

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INVESTIGATION



INTERNATIONAL TRUCK AND ENGINE CORPORATION
3033 WAYNE TRACE, FORT WAYNE, IN 46806-3968

TRUCK GROUP

June 17, 2004

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington D.C. 20590

Subject: Revised Vehicle Safety Defect Initial Information Report

Pursuant to Part 573.6 (c) (1), this Revised Vehicle Safety Defect Initial Information Report is submitted to the National Highway Traffic Safety Administration by **International Truck and Engine Corporation**.

- (1) **IDENTIFICATION OF VEHICLES** [Part 573.6 (c)(2)]
 - Vehicle Models Involved:
 - 1652SC, 3800, 4700SCF, RE, and CE busses
 - Vehicle Manufacturing Dates:
 - 2/03/2003 thru 2/22/2004
 - Other Identification Necessary to Describe Vehicles:
 - Vehicles with T444E (7.3L) engines.
- (2) **COMPONENT MANUFACTURER** [Part 573.6 (c)(2)(iv)]
 - This report does not relate to a component supplied by a manufacturer other than International Truck and Engine Corporation.
- (3) **VEHICLE POPULATION INVOLVED** [Part 573.6 (c)(3)]

<i>Model</i>	<i>U.S. Quantity</i>	<i>Canadian Quantity</i>	<i>Mexico Quantity</i>	<i>Export Quantity</i>
1652SC	35	0	27	0
3800	623	1,460	0	112
4700SFC	0	0	136	0
CE Bus	4,762	0	0	0
CE CMRCL	34	0	0	0
RE BUS	531	0	0	0
RE CMRCL	14	0	0	0
Totals	5,999	1,460	163	112

(4) PERCENTAGE OF VEHICLES ESTIMATED TO CONTAIN DEFECT [Part 573.6 (c)(4)]

- 100%

(5) DESCRIPTION OF DEFECT [Part 573.6 (c)(5)]

- The studs used to secure the power steering pump to the engine block can fail, resulting in engine oil leakage and complete loss of power steering without warning.
- The power steering pump is designed to provide power assist to both the steering system and the hydraulic braking system. Should stud failure cause the pump to become disengaged from its drive gears, a reduction of the fluid flow rate to the brakes system could occur and possibly cause an extended stopping distance as well as increased steering wheel efforts.

(6) CHRONOLOGY OF PRINCIPAL EVENTS WHICH LED TO DETERMINATION OF A SAFETY DEFECT or TEST RESULTS THAT LED TO DETERMINATION OF NONCOMPLIANCE [Part 573.6 (c)(6)(?)]

- 1/15/2004 NHTSA informed International of a customer complaint of three (3) incidents from Newport News Schools in Virginia.
- 2/2/2004 Received metallurgical lab report of four (4) failed studs received from Newport News Schools. Lab report indicated that, on all four (4) studs, the hardness was between 50 and 53 HRc. The design hardness is 33-39 HRc.
- 2/19/2004 Determined shipment quantities and dates of suspect studs received from supplier.
- 3/17/2004 Completed warranty search and found a total of seven (7) warranty claims with broken power steering pump mounting studs. Three of which were from the Newport News Schools location.
- 3/18/2004 Completed retrofit of power steering studs on 300 busses with suspect studs at International's Tulsa Bus Plant. The removed studs were shipped to International's metallurgical lab for analysis.
- 3/26/2004 Completed hardness check of removed studs. Hardness ranged between 46 and 53 HRc.
- 4/5/2004 Received suspect build date ranges and engine serial number ranges from International's engine manufacturing facility.
- 4/14/2004 Received one (1) additional field service report from a dealer in Roanoke, VA reporting the stud had broken resulting in a loss of power steering.
- 5/4/2004 International's Engine and Truck divisions met to review the test results, field reports, and warranty data.
- 5/17/2004 Completed vehicle search based on suspect engine serial numbers.
- 5/20/2004 International declares a safety recall.

(7) PROGRAM TO REMEDY DEFECT [Part 573.6 (c)(8)]

- All suspect vehicles will be inspected and suspect studs will be replaced.

(8) PLAN FOR REIMBURSEMENT [Part 573.6 (c)(8)(i)]

- Some of the vehicles in this recall fall outside the warranty period; therefore, our plan for reimbursement of pre-notification remedies, on file and dated 2/6/2003 does apply and instructions will be included in the customer notification.

(9) SCHEDULE FOR RECALL NOTIFICATION [Part 573.6 (c)(8)(i)]

- Notify International Dealers by: July 23, 2004
- Notify International Customers by: July 30, 2004

(10) INTERNATIONAL RECALL NUMBER [Part 573.6 (c)(11)]

- 04509 (NHTSA 04V-250)

The undersigned should be contacted for any additional information regarding this recall on (260) 461-1890.

Very truly yours,



R. L. Van Laar
Compliance Manager
INTERNATIONAL TRUCK AND ENGINE CORPORATION