



INTERNATIONAL TRUCK AND ENGINE CORPORATION  
3933 WAYNE TRACE, FORT WAYNE, IN 46808-2988

04V-191 ① of ③

**TRUCK GROUP**

April 19, 2004

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

**Subject: Vehicle Noncompliance Initial Information Report**

Pursuant to Part 573.6 (c) (1), this Vehicle Noncompliance 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:
  - 7400, 7500, 7600
- Vehicle Manufacturing Dates:
  - 2/8/2004 thru 2/25/2004
- Other Identification Necessary to Describe Vehicles:
  - Vehicles with air brake systems.

**(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> |
|---------------|----------------------|--------------------------|------------------------|------------------------|
| 7400 6x4      | 181                  | 2                        | 14                     | 1                      |
| 7400 6x6      | 4                    | 0                        | 0                      | 0                      |
| 7500 6x4      | 32                   | 13                       | 0                      | 0                      |
| 7600 6x4      | 110                  | 17                       | 0                      | 0                      |
| <b>Totals</b> | <b>327</b>           | <b>32</b>                | <b>17</b>              | <b>1</b>               |

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

- 100%

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OFFICE OF DEFECTS  
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**(5) DESCRIPTION OF DEFECT [Part 573.6 (c)(5)]**

- A standard fitting was installed in place of a single check valve on the park brake relay valve.
- FMVSS 121 §5.7.1 states, "Emergency brake system performance. When stopped six times for each combination of weight and speed specified in §5.3.1.1 except for a loaded truck tractor with an unbraked control trailer, on a road surface having a PFC of 0.9, with a single failure in the service brake system of a part designed to contain compressed air or brake fluid (except failure of a common valve, manifold, brake fluid housing or brake chamber housing), the vehicle shall stop at least once in not more than the distance specified in Column 5 of Table II, measured from the point at which movement of the service brake control begins, except that a truck-tractor tested at its unloaded vehicle weight plus up to 1500 pounds shall stop at least once in not more than the distance specified in Column 6 of Table II. The stop shall be made without any part of the vehicle leaving the roadway, and with unlimited wheel lockup permitted at any speed."
- A single point failure in the primary air circuits will cause the entire air system to bleed down without this check valve.
- There will not be enough air in the system to release the park brakes to stop the vehicle the required six (6) times.

**(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)(7)]**

- 2/25/2004 Assembly plant reported that a standard elbow was installed in place of a single check valve in the park brake relay valve.
- 3/4/2004 International Engineering met to discuss the possible effects of the failure.
- 3/12/2004 Search conducted to determine extent of suspect population.
- 4/22/2004 International declares a safety recall.

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

- All suspect vehicles will have the check valve installed in place of the standard fitting.

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

- All vehicles fall within the warranty period; therefore, our plan for reimbursement of pre-notification remedies, on file and dated 2/6/2003 does not apply.

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

- Notify International Dealers by: May 7, 2004
- Notify International Customers by: May 14, 2004

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

- 04505 (NHTSA number not assigned yet)

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

Very truly yours,

A handwritten signature in cursive script, reading "R. L. Van Laar".

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