



INTERNATIONAL TRUCK AND ENGINE CORPORATION  
3033 WAYNE TRACE, P.O. BOX 10096, FORT WAYNE, IN 46833-0096

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NVS-215

2003 FEB -4 P 12:30

TRUCK GROUP

OFFICE OF  
DEFECTS INVESTIGATION

January 28, 2003

03V-024 ①or②

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

**Subject: Vehicle Noncompliance Initial Information Report**

Pursuant to Part 573.6, this Vehicle Noncompliance Initial Information Report is submitted by International Truck and Engine Corporation. This report relates to the hydraulic brake monitor module.

- (1) INTERNATIONAL RECALL NUMBER ASSIGNED: 03501.
- (2) VEHICLE MODELS INVOLVED: 3200, 4200, 4300 and 4400 models.
- (3) MODEL YEARS INVOLVED: 2003.
- (4) OTHER IDENTIFICATION NECESSARY TO DESCRIBE VEHICLES:  
All vehicles built with hydraulic brakes and an air powered parking brake (brake code 04GAS).
- (5) VEHICLE MANUFACTURING DATES: The first vehicle was built 7/18/02 and the last built was 1/14/03.
- (6) VEHICLE POPULATION INVOLVED: U.S. = 148, Canada = 0.
- (7) PORTION OF POPULATION ESTIMATED TO CONTAIN DEFECT: 100% are missing the hydraulic brake monitor module.

- (8) **DESCRIPTION OF NONCOMPLIANCE:** The hydraulic brake monitor module was not installed on certain vehicles. Without the brake monitor module, the brake warning light will not come on during the initial key-on cycle and will not come on to warn the operator if there is a loss of hydraulic pressure in the brake system, a loss of power steering flow or if the emergency brake booster motor is not functioning. Federal Motor Vehicle Safety Standard (FMVSS) 105 section 5.3.1 states that the warning light must come on when the ignition is initially turned to the on or run position and must turn on when the brake system experiences various malfunctions during operation.
- (9) **CHRONOLOGY OF PRINCIPAL EVENTS WHICH LED TO DETERMINATION OF A SAFETY DEFECT:**
- A. 12/04/02, International first became aware of this issue from a field call from a dealer where it was reported that the brake warning lamp did not come on when the Ignition switch was in the "on" position.
  - B. 12/18/02, International began an internal investigation to determine what models were affected by the omission of the monitor module and associated wiring harnesses.
  - C. 01/10/03, International determined that the problem was related to hydraulically braked trucks built with an air parking brake.
  - D. 01/14/03, containment was achieved at International's manufacturing facilities
  - E. 01/21/03, International declared recall 03501 to repair the vehicles.
- (10) **PROGRAM TO BE TAKEN TO REMEDY THE NONCOMPLIANCE:** The remedy is to complete the installation of the hydraulic brake monitor module. These vehicles are under warranty; therefore, no reimbursement program is necessary.
- (11) **THE SCHEDULE FOR THIS RECALL IS:**

Notify field service	F: 02/07/03
Notify dealers	F: 02/14/03
Notify customer	F: 02/21/03

(12) **PROCEDURE TO INFORM SECRETARY OF FAILURE TO REMEDY WITHOUT CHARGE:** The following sentences will be included in the owner notification letter. If you take your vehicle to your international dealer on a mutually agreed upon service date, and the dealer does not remedy this condition without charge on that date or within five days, you can obtain assistance by following the procedure described in the Owner Assistance Guide section in your Owner's Manual, or by calling toll free 1-800-448-7825. You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C., 20590, or call the Administration's toll-free Auto Safety Hot-Line at 1-888-327-4236 if your international dealer fails to repair or is unable to remedy this condition without charge or within a reasonable time.

(13) **OWNER LETTER AND TECHNICAL LETTER:** Refer to number (12).

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

Very truly yours,

INTERNATIONAL TRUCK AND ENGINE CORPORATION



R. L. Van Laar  
Compliance Manager

Sent Via E-mail  
cc: M. D. Roeth