



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

---

**TRUCK GROUP**

January 22, 2007

07V-020  
(5 pages)

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

**Subject: Vehicle Defect Initial Information Report**

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

The remedy outlined in the attached Defect Report will also be applied to certain vehicles already involved in Safety Recall 05514 (NHTSA #: 05V-296, Transport Canada #: 05-190).

Safety Recall 05514 will remain open for those vehicles until such time as International is prepared to release the customer notification of the new remedy (defined in the attached Report). When this new remedy is released, all involved vehicles that are, at that time, incomplete for 05514, will be removed from the 05514 suspect population. Also at that time, an updated Defect Report for 05514 will be submitted, reflecting the reduced vehicle quantities.

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 that reads "R. L. Van Laar".

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

RECEIVED

2007 JAN 29 A 10:30

OFFICE OF DEFECTS  
INVESTIGATION/RMD



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

---

**TRUCK GROUP**

January 22, 2007

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

**Subject: Vehicle Defect Initial Information Report**

Pursuant to Part 573.6 (c) (1), this Vehicle 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:
  - MY 2002 thru 2007: 9100, 9200, 9400, 9900 models
  
- Vehicle Manufacturing Dates:
  - Manufactured at International's Chatham, Ontario facility:
    - w/Caterpillar® C10, C11, C12 or C-13 engines: 4/1/2002 thru 9/28/2006
    - w/Caterpillar C15 or C16 engines: 4/1/2002 thru 11/20/2006
  
  - Manufactured at International's Escobedo (Monterrey, Mexico) facility:
    - w/Caterpillar C10, C11, C12 or C-13 engines: 4/1/2002 thru 9/28/2006
    - w/Caterpillar C15 or C16 engines: 4/1/2002 thru 12/25/2006
  
- Other Identification Necessary to Describe Vehicles:
  - Built with Caterpillar C10, C11, C12, C13, C15, or C16 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>Canada Quantity</i>	<i>Mexico Quantity</i>	<i>Export Quantity</i>
9100i 4X2	236	9	0	0
9100i 6X4	405	82	0	0
9200i 4X2	852	13	0	0
9200i 6X4	8,484	1,731	155	177
9400i 4X2	70	0	0	0
9400i 6X4	9,081	1,675	214	2
9900i 6X4	1,963	1,197	9	3
9900ix	552	53	0	6
<b>Grand Totals</b>	<b>21,643</b>	<b>4,760</b>	<b>378</b>	<b>188</b>

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

- All (100%) of the vehicles in the suspect population are estimated to contain the defect, however an inspection will be performed to determine the proper level of remedy.

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

- The positive battery cables, that supply power from the batteries to the starter, may rub against an electrical ground cable between the engine and the starter, an electrical ground cable between the frame rail and the starter, or the frame rail itself.
- This rubbing may cause an electrical short and/or fire, which can result in property damage, personal injury, or death.

(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)]*

- 12/4/2005 International Compliance was notified that an electrical fire occurred on a vehicle that was repaired under Safety Recall 05514 (NHTSA #: 05V-296, Transport Canada #: 05-190).
- 1/23/2006 Field inspection conducted to determine effectiveness of field remedy for 05514 found variability consistent with standard field repair practices. International decided to closely monitor field reports for further information.
- 5/18/2006 International Compliance was notified that an electrical fire occurred on a vehicle that contained the manufacturing changes resulting from the investigation of Safety Recall 05514 (NHTSA #: 05V-296, Transport Canada #: 05-190).

- 6/8/2006 International began a thorough field inspection and manufacturing facility process capability study regarding the remedies in place from Safety Recall 05514 (NHTSA #:05V-296, Transport Canada #: 05-190).
- 7/21/2006 The study found that the location of the Caterpillar engine ground and the frame ground mounting made it difficult for the 05514 remedy to be installed correctly. It was also found that, because of the geometry and routing of these ground cables, a correctly installed remedy could still allow rubbing between the positive battery cables and the ground cables to occur.
- 8/7/2006 International concluded that a more rigid means of routing the positive battery cables was necessary and began manufacturing facility and customer field tests.
- 9/28/2006 The Chatham, Ontario and Escobedo (Monterrey, Mexico) manufacturing facilities began producing models with Caterpillar C13 engines with newly designed bracketry that positively routed the positive battery cables away from potential rub points.
- 11/20/2006 The Chatham, Ontario manufacturing facility began producing models with Caterpillar C15 engines with the new bracketry.
- 12/25/2006 The Escobedo (Monterrey, Mexico) manufacturing facilities began producing models with Caterpillar C15 engines with newly designed bracketry.
- 1/10/2007 International conducted a computer search to determine the extent of the suspect population.
- 1/18/2007 International declares a safety recall.

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

- All suspect vehicles will have the battery cables between the starter and battery box re-routed using new bracketry.
- All suspect vehicles will also undergo an inspection of the battery cables, to determine if any rubbing has occurred. New battery cables will be replaced as necessary.

(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 1/4/2007 does apply and instructions will not be included in the customer notification.

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

- Part availability is undetermined as of this date. If parts do not become available within a reasonable time, an interim notice will be mailed to vehicle owners according to the following schedule:
  - Notify International Dealers by: March 23, 2007
  - Notify International Customers by: March 30, 2007
  
- When parts become available after this Interim Notice, a second notice will be mailed to vehicle owners requesting they have the remedy performed.

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

- 07501 (NHTSA number not assigned yet)

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**