

**THOR**  
**INDUSTRIES, INC.**

419 West Pike Street, PO Box 629, Jackson Center, OH 45334-0629

May 16, 2008

**VIA E-MAIL - RECEIPT CONFIRMATION REQUESTED**

RECEIVED  
2008 MAY 19 - 11:30 AM  
OFFICE OF RECALL  
MANAGEMENT DIVISION

Mr. Daniel Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
Attn: Recall Management Division (NVS-215)  
1200 New Jersey Ave. S.E.  
Washington, DC 20590

08V-225  
(4 Pages)

Re: Champion Bus  
Defect and Non-Compliance Report

Dear Mr. Smith:

Champion Bus has been notified by Intermotive concerning a safety defect present in ILIS605-H3 Interlock Harnesses shipped between April 1, 2007 and October 30, 2007 inclusive. Intermotive has already initiated a safety recall campaign with respect to this non-compliance. NHTSA has assigned recall number 08E-004 to the Intermotive recall campaign.

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, we are hereby notifying the National Highway Traffic Safety Administration that certain buses manufactured by Champion Bus were built with Intermotive interlock harnesses that contain the defect.

As more specifically set forth below, Intermotive has agreed to conduct the recall campaign involving these defective electrical harnesses. Champion Bus will provide Intermotive with a list of dealers and owners to assist Intermotive in remedying the defect. Intermotive will be filing the quarterly reports in connection with the recall campaign.

- A. Recall Population and Vehicle Identification. The defective harnesses supplied by Intermotive have been used on the following buses:

<u>Model</u>	<u>Model Years</u>
Defender	2007, 2008
Challenger	2007, 2008
Crusader	2008

The buses involved in this recall were manufactured between May 2007 and March 2008. The total number of buses subject to this recall campaign is 31.

- B. Description of Defect. Some General Motors 560 series vehicles (C4500-C5500 Kodiak) have been found to exhibit extreme voltage spikes during engine cranking. These extreme spikes can damage the diode in the ILIS605-H3

harness near the shift lock solenoid connector. If the diode fails in a shorted condition, the Gateway 401 module can be damaged. If this occurs, the shift lock solenoid may not engage. If this shift lock does not engage, the vehicle will have the ability to move while the wheelchair lift is deployed which may result in personal injury. No reports of injury have been received at this time due to this condition.

- C. Basis for Determining that a Defect Exists. Champion Bus found Intermotive's recall on the NHTSA website and contacted them directly regarding this defect.
- D. Remedying of Defect. As set forth in the notification issued by Intermotive in connection with recall campaign 08E-004, Intermotive will replace the defective harnesses. The owners of the buses subject to this recall campaign will be advised to contact Champion Bus or Intermotive in order to make arrangements to have the remedy completed. Champion Bus has agreed to remedy the defect without charge to the owners.
- E. Owner Notifications. Champion Bus will provide Owner's information to Intermotive to assist them in notifying the owner's of the buses. A copy of the Intermotive owner's letter is attached.
- F. Quarterly Reporting Requirements. Intermotive will be responsible for filing quarterly reports in connection with recall campaign 08E-004. Because the information included by Intermotive in its quarterly reports will encompass the remedying of the Champion Bus buses subject to this recall campaign, Champion Bus will not file quarterly reports to avoid duplication.
- G. Campaign Number. Champion Bus does not have an internal campaign number for this recall. Champion Bus will use the recall campaign number assigned by NHTSA.

The enclosed information should comply with the NHTSA regulations and satisfy the obligations of Champion Bus with respect to this recall campaign. If you need any additional information regarding the participation of Champion Bus in this recall campaign, please feel free to contact me at 937-596-6849, Ext. 7363. or contact Champion at 810-724-6474.

Sincerely,



David M. Mihalick  
Thor Industries, Standards Compliance Manager



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Owner Notification Program  
ONP 2007-02

November 20, 2007

**Issue:**

Some Chevy 560 (C4500-C5500 Kodiak) vehicles have been found to exhibit extreme (up to 175V) voltage spikes during engine cranking. These extreme spikes can damage the diode in the ILIS605-H3 Harness near the shift lock solenoid connector. If the diode fails in a shorted condition, the Gateway 401 module can be damaged. If this occurs, the shift lock solenoid may not engage.

The actions listed below are designed to negate the effect of the voltage spikes.

**Affected Units:**

Vehicle Application: 2005-2008 Chevy 560 (C4500-C5500 Kodiak) 6.6L diesel models only.

Part #: ILIS605-H3 ILIS Activation Kit (Interlock Option for Gateway 401).

Ship Dates (From InterMotive): April 1, 2007 – October 30, 2007.

**Identification:**

To determine if your vehicle is affected, use the following criteria:

- Vehicle is a 2005-2008 Chevy 560 (C4500-C5500 Kodiak) 6.6L Diesel model only.
- Vehicle was delivered after April 1, 2007.
- Vehicle is wheelchair lift equipped with an InterMotive wheelchair lift interlock.

If all of the above criteria are met, inspect the ILIS605-H3 Activation Harness to determine if further action is required. This harness is attached to the shift lock solenoid under the steering column. Inspect at the solenoid connector for the presence of a jumper going from the blue wire to the black wire. This is the diode. It may be necessary to pull back the plastic conduit to get a better view. See photo.



If there is no diode present, the vehicle is not affected by this notification. If there is a diode present, proceed with this Owner Notification Program.

**Actions:** Verify proper Interlock operation.

- Set parking brake, turn on ignition, and allow the Interlock display to prove out. Verify that the gear selector is locked and that you cannot shift out of Park. Release the parking brake. You should now be able to shift out of Park.
- If vehicle passes above test, contact InterMotive for a J01A1 Harness Kit. The kit comes with installation instructions and can be installed in about 5 minutes.
- If the vehicle did not lock the gear selector, contact InterMotive for a new Gateway Module and a J01A1 Harness Kit. **The J01A1 Harness must be properly installed prior to replacement of the new Gateway Module or the module may be damaged.**

**Process:**

- Call InterMotive at 1-800-969-6080 and ask for Debbie Cabrera.
- If you need just the J01A1 Harness Kit, please be prepared to provide the Vehicle Identification Number (VIN) and the "ship to" address.
- If you need the J01A1 Harness Kit and the Gateway Module, please be prepared to provide the Vehicle Identification Number(VIN), the "ship to" address, and the Gateway module Serial # and Cal #. These are found on the silver labels on the side of the Gateway Module. The module is located under the instrument cluster in the area of the steering column.
- Debbie will confirm with you that your vehicle falls within the parameters of this ONP, and if so:
  - InterMotive will ship a J01A1 Harness Kit via UPS Ground.
  - If a Gateway module is necessary, InterMotive will issue you an RGA #, send you a module via UPS Ground, and include a pre-paid shipping label for you to use in returning the original module.
  - Use the same box to return the original module - attach the pre-paid label and write the RGA # on the outside of the box.

**Labor Reimbursement:** InterMotive will reimburse labor if vehicle meets all requirements for this Owner Notification Program.

- Administrative allowance - \$12.00
- Verify proper Interlock operation - \$12.00
- Installation of J01A1 Harness Kit - \$12.00
- Installation of Gateway module (If necessary) - \$24.00\*

\* If the original module is returned to InterMotive within three weeks of the replacement module shipping date.

**Timing:**

This ONP is effective through 5/1/08. After 5/1/08, normal warranty replacement policies will apply.

**Questions:**

Please call InterMotive at 1-800-969-6080.

Technical: Bruce Hodge or Rob Greene

Procedurals: Debbie Cabrera