



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

JUN 04 2008

1200 New Jersey Avenue SE
Washington, DC 20590

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Richard Van Laar
Manager, Product Compliance
International Truck and Engine Corporation
3033 Wayne Trace
P.O. Box 10088
Fort Wayne, IN 46850-0088

NSA-14sjm
PE08-034

Dear Mr. Van Laar:

As you are aware, on May 9, 2008 the Office of Defects Investigation (ODI) of the National Highway Traffic Safety Administration (NHTSA) opened a Preliminary Evaluation (PE08-034) to investigate allegations of school bus stalling and electrical fuse connections melting within the battery box area of Model Year (MY) 2003 through 2007 CE school buses manufactured by IC Corporation..

Our investigation is based on our notification of seven reported incidents from school districts alleging that their bus(s) have stalled and failed to re-start. Also, one fleet reported a battery box fire resulting from this issue. We are concerned about the possibility of school buses, loaded with children, being stranded on the highway or in dangerous locations. The vehicles involved have been discussed with a member of your staff. To fully evaluate this issue, certain information is requested from IC.

Unless otherwise stated in the text, the following definitions apply to these information requests:

- **Subject vehicles:** all MY 2003 through 2007 IC Corporation, CE style school buses manufactured for sale or lease in the United States.
- **International:** **International Truck and Engine Corporation and IC bus Corporation**, all of its past and present officers and employees, whether assigned to its principal offices or any of its field or other locations, including all of its divisions, subsidiaries (whether or not incorporated) and affiliated enterprises and all of their headquarters, regional, zone and other offices and their employees, and all agents, contractors, consultants, attorneys and law firms and other persons engaged directly or indirectly (e.g., employee of a consultant) by or under the control of International (including all business units and persons previously referred to), who are or, in or after 2000, were involved in any way with any of the following related to the alleged defect in the subject vehicles:
 - a. Design, engineering, analysis, modification or production (e.g. quality control);



- b. Testing, assessment or evaluation;
 - c. Consideration, or recognition of potential or actual defects, reporting, record-keeping and information management, (e.g., complaints, field reports, warranty information, part sales), analysis, claims, or lawsuits; or
 - d. Communication to, from or intended for zone representatives, fleets, dealers, or other field locations, including but not limited to people who have the capacity to obtain information from dealers.
- **Alleged defect**: any failure, malfunction, or otherwise unsatisfactory performance of the power fuse(s) and its holder(s) for the IDM (Injector Drive Module), ECM (Engine Control Module), and the TCM (Transmission Control Module), that results in or contributes to melting, shut-down, open circuit, or thermal event.
 - **Document**: "Document(s)" is used in the broadest sense of the word and shall mean all original written, printed, typed, recorded, or graphic matter whatsoever, however produced or reproduced, of every kind, nature, and description, and all non-identical copies of both sides thereof, including, but not limited to, papers, letters, memoranda, correspondence, communications, electronic mail (e-mail) messages (existing in hard copy and/or in electronic storage), faxes, mailgrams, telegrams, cables, telex messages, notes, annotations, working papers, drafts, minutes, records, audio and video recordings, data, databases, other information bases, summaries, charts, tables, graphics, other visual displays, photographs, statements, interviews, opinions, reports, newspaper articles, studies, analyses, evaluations, interpretations, contracts, agreements, jottings, agendas, bulletins, notices, announcements, instructions, blueprints, drawings, as-builts, changes, manuals, publications, work schedules, journals, statistical data, desk, portable and computer calendars, appointment books, diaries, travel reports, lists, tabulations, computer printouts, data processing program libraries, data processing inputs and outputs, microfilms, microfiches, statements for services, resolutions, financial statements, governmental records, business records, personnel records, work orders, pleadings, discovery in any form, affidavits, motions, responses to discovery, all transcripts, administrative filings and all mechanical, magnetic, photographic and electronic records or recordings of any kind, including any storage media associated with computers, including, but not limited to, information on hard drives, floppy disks, backup tapes, and zip drives, electronic communications, including but not limited to, the Internet and shall include any drafts or revisions pertaining to any of the foregoing, all other things similar to any of the foregoing, however denominated by International, any other data compilations from which information can be obtained, translated if necessary, into a usable form and any other documents. For purposes of this request, any document, which contains any note, comment, addition, deletion, insertion, annotation, or otherwise comprises a non-identical copy of another document shall be treated as a separate document subject to production. In all cases where original and any non-identical copies are not available, "document(s)" also means any identical copies of the original and all non-identical copies thereof. Any document, record, graph, chart, film or photograph originally produced in color must be provided in color. Furnish all documents whether verified by International or not. If a document is not in the English language, provide both the original document and an English translation of the document.

- **Other Terms:** To the extent that they are used in these information requests, the terms “claim,” “consumer complaint,” “dealer field report,” “field report,” “fire,” “fleet,” “good will,” “make,” “model,” “model year,” “notice,” “property damage,” “property damage claim,” “rollover,” “type,” “warranty,” “warranty adjustment,” and “warranty claim,” whether used in singular or in plural form, have the same meaning as found in 49 CFR 579.4.

In order for my staff to evaluate the alleged defect, certain information is required. Pursuant to 49 U.S.C. § 30166, please provide numbered responses to the following information requests. Insofar as International has previously provided a document to ODI, International may produce it again or identify the document, the document submission to ODI in which it was included and the precise location in that submission where the document is located. When documents are produced, the documents shall be produced in an identified, organized manner that corresponds with the organization of this information request letter (including all individual requests and subparts). When documents are produced and the documents would not, standing alone, be self-explanatory, the production of documents shall be supplemented and accompanied by explanation.

Please repeat the applicable request verbatim above each response. After International’s response to each request, identify the source of the information and indicate the last date the information was gathered.

NHTSA requests that International provide two hard copies and also provide a copy of its response in Microsoft Word format on a CD.

1. State, by model year and engine, the number of subject vehicles International has manufactured for sale or lease in the United States.

Provide the table in Microsoft Access 2000, or a compatible format, entitled “PRODUCTION DATA.”

2. State by model year the total number of each of the following, received by International, or of which International is otherwise aware, which relate to, or may relate to, the alleged defect in the subject vehicles. Provide a copy of each such claim:
 - a. Consumer complaints, including those from fleet operators;
 - b. Field reports, including dealer field reports;
 - c. Reports involving a crash, injury, or fatality, based on claims against the manufacturer involving a death or injury, notices received by the manufacturer alleging or proving that a death or injury was caused by a possible defect in a subject vehicle, property damage claims, consumer complaints, or field reports;
 - d. Property damage claims;
 - e. Third-party arbitration proceedings where International is or was a party to the arbitration; and
 - f. Lawsuits, both pending and closed, in which International is or was a defendant or codefendant.

For subparts "a" through "d," state the total number of each item (e.g., consumer complaints, field reports, etc.) separately. Multiple incidents involving the same vehicle are to be counted separately. Multiple reports of the same incident are also to be counted separately (i.e., a consumer complaint and a field report involving the same incident in which a crash occurred are to be counted as a crash report, a field report and a consumer complaint).

In addition, for items "c" through "f," provide a summary description of the alleged problem and causal and contributing factors and International's assessment of the problem, with a summary of the significant underlying facts and evidence. For items e and f, identify the parties to the action, as well as the caption, court, docket number, and date on which the complaint or other document initiating the action was filed.

3. Separately, for each item (complaint, report, claim, notice, or matter) within the scope of your response to Request No. 2, and including the thermal event that ODI is aware of, state the following information;
 - a. International's file number or other identifier used;
 - b. The category of the item, as identified in Request No. 2 (i.e., consumer complaint, field report, etc.);
 - c. Vehicle owner or fleet name (and fleet contact person), address, and telephone number;
 - d. Vehicle's VIN;
 - e. Vehicle's make, model, model year, and engine;
 - f. Vehicle's mileage at time of incident;
 - g. Incident date;
 - h. Report or claim date;
 - i. Whether a vehicle stall or thermal event is alleged;
 - j. Whether property damage is alleged and the extent of any fuse failure;
 - k. Number of alleged injuries, if any;
 - l. Number of alleged fatalities, if any;
 - m. Summary description of the complaints; and,
 - n. International's opinion/assessment of the incidents. Provide a copy of the claim or repair order, any/all field reports and any documents related to or produced by International during their evaluation of this issue.

Provide this information in Microsoft Access 2000, or a compatible format, entitled "REQUEST NUMBER TWO DATA."

4. Produce copies of all documents related to each item within the scope of Request No. 2. If International has a field reports concerning the seven alleged events, please provide a copy of such report. Organize the documents separately by category (i.e., consumer complaints, field reports, etc.) and describe the method International used for organizing the documents. *Indicate whether or not International concurs with each of the claims.*

5. State, by model year and engine, a total count for all of the following categories of claims, collectively, that have been paid by International to date that relate to, or may relate to, the alleged defect in the subject vehicle
 - a. Warranty claims;
 - b. Extended warranty claims;
 - c. Claims for good will services that were provided;
 - d. Field, zone, or similar adjustments and reimbursements; and
 - e. Warranty claims or repairs made in accordance with a procedure specified in a technical service bulletin or customer satisfaction campaign.

Separately, for each such claim, state the following documentation/information:

- a. International's claim number;
- b. Vehicle owner or fleet name (and fleet contact person) and telephone number;
- c. VIN; Repair date;
- d. Vehicle mileage at time of repair;
- e. Repairing dealer or facility's name, telephone number, city and state or ZIP code;
- f. Labor operation number;
- g. Problem code;
- h. Replacement part number(s) and description(s);
- i. Concern stated by customer;
- j. The extent of the open circuit and identify what circuit was affected.:
- k. Provide a copy of any document including the claim or repair order;
- l. Comment, if any, by dealer/technician relating to claim and/or repair; and
- m. International's assessment as to what caused the issue.

Provide this information in Microsoft Access 2000, or a compatible format, entitled "WARRANTY DATA."

6. Describe in detail the search criteria used by International to identify the claims identified in response to Request No. 2 and No. 5, including the labor operations, problem codes, part numbers and any other pertinent parameters used. Provide a list of all labor operations, labor operation descriptions, problem codes, and problem code descriptions applicable to the alleged defect in the subject vehicles. State, by make and model year, the terms of the new vehicle warranty coverage offered by International on the subject vehicles (i.e., the number of months and mileage for which coverage is provided and the vehicle systems that are covered). Describe any extended warranty coverage option(s) that International offered for the subject vehicles and state by option, model, and model year, the number of vehicles that are covered under each such extended warranty.
7. Describe how International first became aware of the alleged defect and state the date on which International first became aware of the possibility of the alleged defect. Provide a detailed **chronology** of all known thermal events regarding the subject defect, starting from the time International first became aware of this issue to present. Include all information and

provide a copy of any document used at any internal/external meeting(s), meetings with the part supplier, or other manufacturers.

8. Identify the supplier of the wiring harness utilized in the subject vehicle and provide a complete schematic of the battery cables and electrical system.
9. Produce copies of any/all service bulletins, warranty, and other documents that relate to, or may relate to, the alleged defect in the subject vehicles, that International has issued to any dealers, regional or zone offices, field offices, fleet purchasers, or other entities. This includes, but is not limited to, bulletins, advisories, informational documents, training documents, or other documents or communications, with the exception of standard shop manuals. Also include the latest draft copy of any communication that International is planning to issue within the next 120 days. For each such document provide in responding this question, provide a detail explanation as to what precipitated the issuance of the service bulletin/document and its relevancy to the alleged defect.
10. Describe all assessments, analyses, tests, test results, studies, surveys, simulations, investigations, inquiries and/or evaluations (collectively, "actions") that relate to, or may relate to, the alleged defect in the subject vehicles that have been conducted, are being conducted, are planned, or are being planned by, or for, International. For each such action, provide the following information:
 - a. Action title or identifier;
 - b. The actual or planned start date;
 - c. The actual or expected end date;
 - d. Brief summary of the subject and objective of the action;
 - e. Engineering group(s)/supplier(s) responsible for designing and for conducting the action; and
 - f. A brief summary of the findings and/or conclusions resulting from the action.

For each action identified, provide copies of all documents related to the action, regardless of whether the documents are in interim, draft, or final form. Organize the documents chronologically by action.

11. Describe all modifications or changes made by, or on behalf of, International in the design, material composition, manufacture, quality control, supply, or cable/ harness assembly/subject component, from the start of production to date, which relate to, or may relate to, the alleged defect in the subject vehicles. For each such modification or change, provide the following information:
 - a. The date or approximate date on which the modification or change was incorporated into vehicle production;
 - b. A detailed description of the modification or change;
 - c. The reason(s) for the modification or change;
 - d. The part numbers (service and engineering) of the original component;
 - e. The part number (service and engineering) of the modified component;

- f. Whether the original unmodified component was withdrawn from production and/or sale, and if so, when;
- g. When the modified component was made available as a service component; and
- h. Whether the modified component can be interchanged with earlier production components.

Describe the difference between original cable/fuse bundle and the current cable/fuse bundle being sold as the replacement part.

Also, provide the above information for any modification or change that International is aware of which may be incorporated into vehicle production within the next 120 days.

12. Furnish International's assessment of the alleged defect in the subject vehicle, including:

- a. The causal or contributory factor(s);
- b. The failure mechanism(s);
- c. The failure mode(s);
- d. The risk to motor vehicle safety that it poses;
- e. What warnings, if any, the operator and the other persons both inside and outside the vehicle would have that the alleged defect was occurring or subject component was malfunctioning; and
- f. Separately, each report that has been reported to international.

13. Identify what action International intends to take in this matter.

This letter is being sent to International pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. International's failure to respond promptly and fully to this letter could subject International to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Please note that maximum civil penalties under 49 U.S.C. § 30165 have increased as a result of the recent enactment of the Transportation Recall Enhancement, Accountability, and Documentation (TREAD) Act, Public Law No. 106-414 (signed November 1, 2000). Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to \$5,000 per day, with a maximum of \$15 million for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. This includes failing to respond to ODI information requests.

If International cannot respond to any specific request or subpart(s) thereof, please state the reason why it is unable to do so. If on the basis of attorney-client, attorney work product, or other privilege, International does not submit one or more requested documents or items of information in response to this information request, International must provide a privilege log identifying each document or item withheld, and stating the date, subject or title, the name and position of the person(s) from, and the person(s) to whom it was sent, and the name and position of any other recipient (to include all carbon copies or blind carbon copies), the nature of that

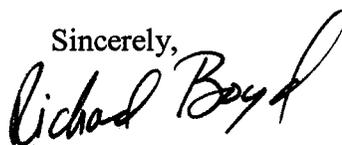
information or material, and the basis for the claim of privilege and why that privilege applies.

International's response to this letter, in duplicate, together with a copy of any confidentiality request, must be submitted to this office by **July 24, 2008**. Please refer to **PE08-034** in International's response to this letter. If International finds that it is unable to provide all of the information requested within the time allotted, International must request an extension from me at (202) 366-4933 no later than five business days before the response due date. If International is unable to provide all of the information requested by the original deadline, it must submit a partial response by the original deadline with whatever information International then has available, even if an extension has been granted.

If International claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, International must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (68 Fed. Reg. 44209 et seq; July 28, 2003), to the Office of Chief Counsel (NCC-113), National Highway Traffic Safety Administration, Room 5219, 400 Seventh Street, S.W., Washington, D.C. 20590. International is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted.

If you have any technical questions concerning this matter or if you believe some official form of action will occur to address this concern, please call Sonny Murianka of my staff at (202) 366-5196.

Sincerely,

A handwritten signature in black ink that reads "Richard Boyd". The signature is written in a cursive, slightly slanted style.

Richard Boyd, Chief
Medium and Heavy Duty Vehicle Division
Office of Defects Investigation