



INTERNATIONAL TRUCK AND ENGINE CORPORATION  
4201 WINFIELD ROAD, WARRENVILLE, IL 60555

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**TRUCK GROUP**

July 22, 2005

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

**Subject: Vehicle Safety Revised Defect Initial Information Report (Reference NHTSA 05E-032 and 05V-331)**

Pursuant to Part 573.6 (c) (1), this Vehicle Safety Defect Revised Information Report is submitted to the National Highway Traffic Safety Administration by **IC Corporation, a wholly owned subsidiary of International Truck and Engine Corporation.**

(1) *IDENTIFICATION OF VEHICLES [Part 573.6 (c)(2)]*

- Vehicle Models Involved:

<b>05516 Cold Weather States</b>		
<i>Description</i>	<i>Model</i>	<i>Model Years</i>
International 3800	3800	2002/2003/2004
IC Corporation BE School Bus	BESB	2006/2007
IC Corporation CE School Bus	CESB	2002/2003/2004/2005/2006
IC Corporation FE School Bus	FESB	2002/2003/2004/2005/2006
IC Corporation RE School Bus	RESB	2002/2003/2004/2005/2006

<b>05517 Warm Weather States</b>		
<i>Description</i>	<i>Model</i>	<i>Model Years</i>
International 3800	3800	N/A
IC Corporation BE School Bus	BESB	2006/2007
IC Corporation CE School Bus	CESB	2002/2003/2004/2005/2006
IC Corporation FE School Bus	FESB	2002/2003/2004/2005/2006
IC Corporation RE School Bus	RESB	2002/2003/2004/2005/2006

- Vehicle Manufacturing Dates:

<b>- 05516 Cold Weather States</b>		
<i>Model</i>	<i>Start Build Date</i>	<i>End Build Date</i>
3800	2002-01-15	2003-06-10
BESB	2005-05-13	2005-06-16
CESB	2002-01-07	2005-06-22
FESB	2002-01-14	2005-06-22
RESB	2002-01-07	2005-06-21

<b>- 05517 Warm Weather States</b>		
<i>Model</i>	<i>Start Build Date</i>	<i>End Build Date</i>
3800	N/A	N/A
BESB	2005-05-13	2005-06-15
CESB	2002-01-07	2005-06-22
FESB	2002-01-17	2005-06-14
RESB	2002-01-07	2005-06-20

- Other Identification Necessary to Describe Vehicles:

05516 and 05517: Cold and Warm Weather States

- Buses built at Conway, Arkansas and Tulsa, Oklahoma Bus Assembly Plants.
- With Specialty Manufacturing stop arm feature codes (49AEZ, 49AGB, 49AGC, 49AGD, 49AGK, 49AGL, 49AGM, 49AHY, 49AHV, 49AJV, 49AKE, 49AKS, 49AKU, 49AKX, 49AZC, 49AZK, 49BAW, 49BBD, 49BBE, 49BKV, 49CBG, 49DCT),
- Having Specialty Manufacturing Co. **5-series** stop arms **manufactured between January 7, 2002 and March 1, 2005** and having **serial numbers between 480380 and 627609**.

05516: Cold Weather States

- Sold in Canada and the following states: AK, CO, CT, DE, IA, ID, IL, IN, KS, KY, ME, MD, MA, MI, MN, MO, MT, ND, NE, NH, NM, NV, NJ, NY, OH, OR, PA, RI, SD, TN, UT, VT, VA, WA, WV, WI, and WY.

05517: Warm Weather States

- Sold in the following states: AL, AZ, AR, CA, FL, GA, HI, LA, MS, NC, OK, SC and TX.

(2) *COMPONENT MANUFACTURER [Part 573.6 (c)(2)(iv)]*

- This report relates to a component supplied by a manufacturer other than IC Corporation (Ref. NHTSA 05E-015).
  - Supplier Contact information:  
Specialty Manufacturing Co.  
Eric D. Swanger, Engineering Manager  
P.O. Box 790  
10200 Pineville Road  
Pineville, NC 28134  
704-889-7518, Ext. 3031

(3) *VEHICLE POPULATION INVOLVED [Part 573.6 (c)(3)]*

Note that some buses may have two stop arms, so the number of bus VINs in the suspect population does not equal the number of stop arms that are being inspected and/or repaired.

<b>05516 Cold Weather States</b>				
<b>Model</b>	<b>U.S. Quantity</b>	<b>Canada</b>	<b>Export</b>	<b>Totals</b>
3800	47	0	0	47
BESB	14	1	0	15
CESB	17061	920	2	17983
FESB	1382	2	0	1384
RESB	2216	0	0	2216
<b>Totals</b>	<b>20,720</b>			<b>21645</b>

<b>05517 Warm Weather States</b>				
<b>Model</b>	<b>U.S. Quantity</b>	<b>Canada</b>	<b>Export</b>	<b>Totals</b>
3800	0	0	0	0
BESB	2	0	0	2
CESB	9331	0	7	9338
FESB	619	0	0	619
RESB	1004	0	0	1004
<b>Totals</b>	<b>10956</b>	<b>0</b>	<b>7</b>	<b>10963</b>

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

- Although the defect is intermittent, 100% of the vehicles have the potential to contain the defect.

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

- The microswitch which controls the stop arm position can malfunction intermittently in operating conditions below 32 degrees F, possibly causing the stop arm to open or close to an improper position or not open at all. This defect could lead to a vehicle passing a stopped school bus and possibly striking pedestrians in the vicinity of the stopped bus, which could result in personal injury or death.
- Vehicles that include a stop arm switch heater may not have the heater wire connected, which can result in the same failure mode.

(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)]*

- 06/15/2005 International receives written notification from Specialty.
- 06/21-22/2005 Specialty purges stock at Conway and Tulsa Bus Assembly Plants of suspect stop arm assemblies
- 07/12/2005 International determines extent of suspect vehicle population which requires microswitch plate subassemblies and heater wire harnesses.
- 07/13/2005 International declares recall in cold weather states.
- 07/21/2005 International updates defect report to include warm weather states.

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

The remedy will consist of:

- For cold weather states: Inspecting and replacing the microswitch plate subassembly if the serial number falls within the designated range and adding and/or connecting the heater wiring if not already connected.
- For warm weather states: Customers will be informed of cold weather state remedy, and if their vehicles are operated in the cold weather states, they should perform the remedy. Otherwise the remedy would be considered optional.

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

- Because there are vehicles that fall outside the warranty period, our plan for reimbursement of pre-notification remedies, on file and dated 2/6/2003 applies.

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

- Part availability is undetermined as of the date of this report. If parts do not become available within 60 days of the date of this report, customers will receive an Interim Notice according to the following schedule:
  - Notify IC Customers by: September 14, 2005

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

- Recall 05516 (cold weather states). (NHTSA 05V-331)
- Recall 05517 (warm weather states). (NHTSA number not assigned)

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