



IC Corporation

751 South Harkrider, Conway, Ar 72302

A SUBSIDIARY OF INTERNATIONAL
TRUCK AND ENGINE CORPORATION

SAFETY RECALL 05516

September 2005

Dear IC Corporation Customer:

IC Corporation has decided that a defect which relates to motor vehicle safety exists in certain Specialty Manufacturing Co. 5-Series electric stop arms installed on 3800 bus chassis and on certain BE, CE, FE and RE School Bus models built between 01/07/2002 and 06/22/2005. If this is a leased vehicle, the owner must forward this notice to the lessee as soon as possible.

The stop arms involved in this recall are Specialty Manufacturing Co.'s 5-series electric stop arms, manufactured between January 7, 2002 and March 1, 2005, and having serial numbers between 480380 and 627609 and operated in Canada and the following states:

Cold Weather States				
Alaska	Kansas	Montana	Ohio	Virginia
Colorado	Kentucky	New Hampshire	Oregon	Washington
Connecticut	Maine	Nebraska	Pennsylvania	West Virginia
Delaware	Maryland	Nevada	Rhode Island	Wisconsin
Idaho	Massachusetts	New Jersey	South Dakota	Wyoming
Illinois	Michigan	New Mexico	Tennessee	
Indiana	Minnesota	New York	Utah	Dist of Columbia
Iowa	Missouri	North Dakota	Vermont	

The vehicle identified on the enclosed card fits this description and our records show that you own this vehicle. Federal regulations require that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

REASON FOR THIS RECALL

The micro switch 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. Vehicles that include a stop arm switch heater may not have the heater wire connected, which can result in the same failure mode.

RISK TO MOTOR VEHICLE SAFETY

This defect could increase the likelihood of vehicles passing a stopped school bus, which could endanger students while they are entering and exiting the bus.

ACTION YOU SHOULD TAKE

1. **Our records show that you are the owner** of the vehicle identified on the enclosed card. **If you are not the owner**, please read paragraph number 6.
2. If you are the bus owner, please follow the inspection instructions in the following paragraphs to determine if the stop arms on your bus are included in this recall.

The stop arm serial number is readily visible on the stop arm box once you move and hold the stop sign in an open position away from the stop arm mechanical box. Or, use the stop arm switch to deploy the stop arm and then check the serial number.



NOTE: Holding the stop arm in an open position may cause a ratcheting noise, but will not harm the stop arm. Older stop arms will continue to make a noise until the stop arm is released. Newer stop arms will quit making a noise after a few seconds. If the stop arm has strobe lights, they may also flash.

- a. Inspect the stop arm for the manufacturer and part number. Your bus may have a front stop arm or a front and rear stop arm. Confirm that each stop arm is manufactured by Specialty Manufacturing Co. and is a 5-series stop arm (Specialty part number will start with a 5).
 - b. Determine if the Specialty Manufacturing Co. 5-Series stop arm has a serial number in the range between **480380 and 627609**. If the serial number of the stop arm falls within this range, the micro switch assembly will need to be replaced.
 - c. If inspection shows that your stop arm does not meet the criteria described above, PLEASE mark the appropriate box on the green recall card and mail it to IC Corporation. No postage is required.
3. The repair for this defect is simple, and does not require any special tools. A qualified technician may perform this repair or you may contact your IC dealer for assistance. If you prefer to repair the vehicle yourself, please order a repair kit from Specialty Manufacturing Co. This repair kit will be shipped directly from Specialty to you at no charge. To receive the kit, record the last eight characters of the VIN of each unit to be repaired and the stop arm serial number or numbers for each VIN included, then contact Specialty Manufacturing Co. by one of the following methods:

Call Toll free: 1-800-951-7867 ext. customer service

Go online to: http://www.specmfg.com/products_bus_5seriesform.html

Instructions to complete the repair will be included with your repair kit. Once you have received and installed the new part, you will need to file a claim for reimbursement directly with Specialty Manufacturing Co. as described in the **RECALL CLAIMS** section below.

4. You may also schedule an appointment for your IC dealer to make the repair for you at no cost. **Please contact your local IC dealer** in advance for an appointment. You will need your VIN and stop arm serial number(s) so that the need for the repair

can be verified, and the dealer can obtain replacement kits from Specialty Manufacturing Co. The time required to perform the work is dependent upon inspection of the stop arm serial numbers and number of stop arms per bus (one or two) and will take less than ½ hour. Please have your dealer verify and correct your address, if necessary.

4. If your local IC dealer performs the repair, they will submit a warranty claim for you. No further action on your part is required.
5. If the **vehicle cannot be corrected**, please mark on the enclosed card under “CHECK ONE” the box, which best describes why the vehicle can not be repaired, and return the postage-prepaid card to us.
6. **In the event you do not own the vehicle** described on the card, please complete the card, fill in the new customer name and address if known, and return it to us. This information will allow us to update our records so we can contact the new owner and you will not be contacted again regarding this recall.

RECALL CLAIMS

For Repairs Performed By Customer or Non-Authorized IC Dealers

Inside the repair kit you receive from Specialty Manufacturing Co. there is a postage paid service registration card. Reimbursement for the labor to make the repair will be made directly by Specialty Manufacturing Co. once this card has been filled out and mailed back to them. It is important that you provide the following information:

VIN Number

Stop Arm Serial Number(s) by VIN

IF YOU NEED ASSISTANCE

If you take your vehicle to your 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 (please allow for shipment of parts), 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.

We request your prompt attention to the correction of this defect and apologize for any inconvenience this may cause you.

PARTS INFORMATION

A replacement kit will be shipped to you by Specialty Manufacturing Co. upon request. See **ACTIONS YOU SHOULD TAKE** section **step #3**.

REPAIR PROCEDURE



WARNING:

TO PREVENT SERIOUS EYE INJURY, ALWAYS WEAR SAFE EYE PROTECTION WHEN YOU PERFORM VEHICLE MAINTENANCE OR SERVICE.



WARNING:

TO PREVENT ELECTRIC SHOCK AND POTENTIAL DAMAGE TO VEHICLE ELECTRICAL COMPONENTS, ALWAYS DISCONNECT THE BATTERY PRIOR TO PERFORMING VEHICLE MAINTENANCE OR SERVICE.



WARNING:

TO PREVENT UNEXPECTED MOVEMENT OF THE VEHICLE AND POSSIBLE SERIOUS PERSONAL INJURY OR DEATH, BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS.

1. Ensure that you have inspected the stop arms as described in **ACTIONS YOU SHOULD TAKE** section **step #3**.
2. Order the parts as described in **ACTIONS YOU SHOULD TAKE** section **step #3**.
3. Make the repair according to the **instructions included** in the repair kit. For problems installing the micro switch assembly, contact Specialty Manufacturing Co. at 1-800-951-7867 ext. Customer Service.
4. Once you have inspected the bus, received the part and made the repair, you will need to file a claim for reimbursement directly with Specialty Manufacturing Co. as described in the **RECALL CLAIMS** section above. Be sure to include the VIN and the serial number of the stop arms, as well as any other information required by Specialty Manufacturing Co. in your claim to them.

End of Repair Procedure

LABOR

Reimbursement for reasonable installation charges will be made by Specialty Manufacturing Co. See instructions in **RECALL CLAIMS** section above.

CAMPAIGN IDENTIFICATION LABEL

*Each vehicle corrected in accordance with this campaign **must be** marked with a S00109 Campaign Identification Label.*

Complete the label and attach on a clean Surface next to the vehicle identification Number (VIN) plate.

DO NOT REMOVE

IC CORPORATION

Campaign No. _____

VIN _____

Eng.# _____

COMPLETED

Service Location Code # _____

DO NOT REMOVE

This label has been shipped with your letter. There is also a decal included in the replacement kit provided by Specialty Manufacturing Co. Please place this decal on the stop arm box also.

IMPORTANT

In the event you no longer own the vehicle described, please fill in the requested information on the enclosed postage-prepaid card and return it to us. This information will allow us to notify the correct owner.

IC Corporation