



IC Corporation

751 South Harkrider, Conway, Ar 72302

A SUBSIDIARY OF INTERNATIONAL
TRUCK AND ENGINE CORPORATION

SAFETY RECALL 05522

November 2005

Dear IC Corporation Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. IC Corporation has decided that a defect which relates to motor vehicle safety exists in RE School Bus and RE Commercial Bus models built between 07-20-2005 and 10-17-2005. The vehicle identified on the enclosed green 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 air tubes between the primary and secondary air tanks and the intermediate connection at the front crossmember were possibly connected incorrectly at the air tanks.

RISK TO MOTOR VEHICLE SAFETY

If a failure of the primary air circuit occurs with the incorrect air tube plumbing, depressing the brake pedal will not engage the brake chambers and possibly cause a motor vehicle crash without warning, possibly resulting in property damage, personal injury, or death.

ACTION YOU SHOULD TAKE

1. Inspection should be made immediately upon receipt of this letter. If you anticipate any problems getting this repair made quickly, please call the Compliance department at (501)-505-2193.
2. 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.
3. If you would like your IC dealer to make this inspection and repair for you at no cost, please contact your local IC dealer. To have your vehicle repaired, provide your dealer with your green recall card and schedule an appointment.

If you prefer to inspect, or inspect and repair the vehicle yourself, the inspection and repair instructions are outlined in the "Inspection and Repair Procedure" section below. To order parts, fill out and return the enclosed green recall card with box # 8 checked and our Compliance Department will have the parts shipped directly to you at no charge. Please verify that your shipping address is correct. A Post Office Box (P.O. Box) number for shipping is not acceptable. We must have a street or road address. You may also obtain these parts by faxing a request to 1-501-505-2433 or emailing to Kathy.anders@ic-corp.com. If you have multiple VINs that fall within this recall, a fax is the preferred method. The last eight characters of the VIN of each unit to be repaired must be included.

4. IC dealers will have instructions to make the repair by **11/30/2005**. The repair will be performed without charge to you and will take approximately 15 minutes. Have your dealer verify and correct your address, if necessary.
5. If the vehicle **cannot be corrected**, please mark on the enclosed card under "CHECK ONE" the box which best describes why the vehicle cannot 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

To assist in processing the recall, it is important that you provide an invoice with the following information.

VIN # (or List of VINs repaired)
Recall Campaign #05522
SUBJECT (RE Air Tubes Reversed)
Facilities Repair Labor Rate
Labor Operation Number
Your Tax ID Number

All correspondence must be returned to IC Corporation, PO Box 6000, Conway, Arkansas, 72033, Attn: Compliance Department.

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, 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.

You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C., 20590, or call the toll-free Vehicle Safety Hot-Line at 1-888-327-4236; (TTY: 1-800-424-9153); or go to <http://www.safercar.gov> if your IC Dealer fails to repair or is unable to remedy this condition without charge or within a reasonable time.

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

PARTS INFORMATION

Part Number	Description	Quantity
3544557C1	STRAP,CABLE LOCK*382MM BUTTON	2
306132C1	STRAP,CABLE LOCK	4
417201C3	TUBE,NYLON BULK 5/8 OD BLACK	80 Inches (203.3 cm)

INSPECTION AND REPAIR PROCEDURE



WARNING:

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



WARNING:

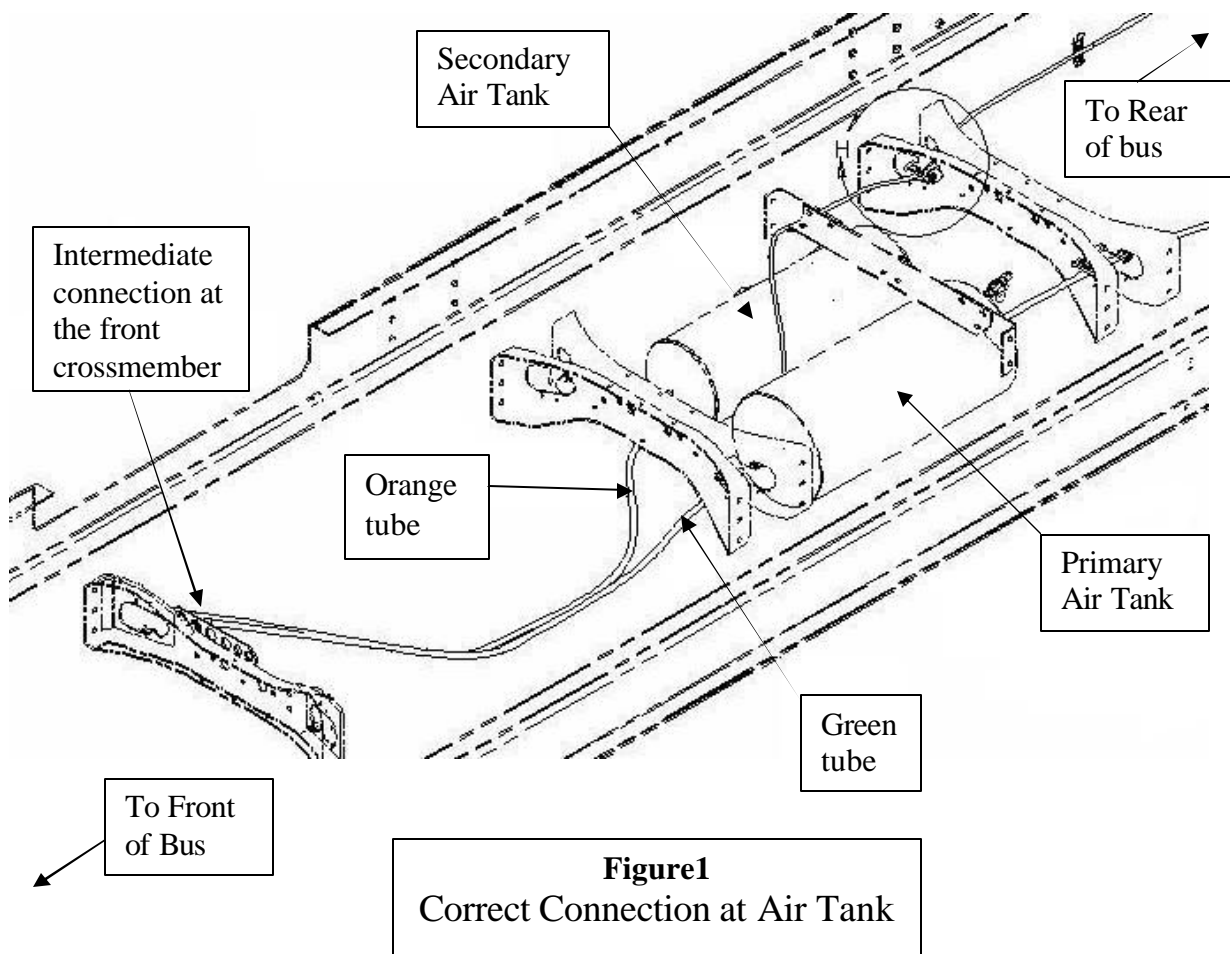
TO AVOID PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH WHEN SERVICING THE VEHICLE, PARK ON A FLAT LEVEL SURFACE, SET THE PARKING BRAKE, SHUT THE ENGINE OFF AND CHOCK THE WHEELS.

Labor Operations

This service procedure is split into two (2) sections: 1) an inspection section and 2) a plumbing change section. Perform the inspection on the vehicle first to determine if a plumbing change is required.

INSPECTION PROCEDURE

1. The air tanks and air tubes can be viewed by looking under the front of the bus. If the air tube color is not visible because of dirt or paint, you will have to perform the inspection by sliding under the bus and wiping the dirt off or scraping the paint from the air tubes.
2. Verify that the green and orange tubes are plumbed as indicated in **Figure 1**. The green air tube should connect to the primary tank, which is located on the driver side of the bus. The orange air tube should connect to the secondary air tank, which is located on the entrance door side of the bus.
3. If the tanks are plumbed according to **Figure 1**, then the brake system is plumbed properly. NO plumbing change is required and the recall is complete.
3. If the tanks are not plumbed according to **Figure 1**, and are reversed (orange to primary and green to secondary), then continue on to **Plumbing Change Procedure**.



PLUMBING CHANGE PROCEDURE

Quality Connect Fitting Instructions:

The Quality Connect fittings used on the air tubes are threadless. A collet in the fitting bites into the tube to hold it firmly in place. The fitting O-ring seals the tube to the valve, manifold or tee body to prevent leakage. Please refer to TSI 94-04-03, Dated August 1994, Subject File: Brakes, for detailed instructions and warnings on removing and replacing these fittings.

The URL on ISIS is: <http://service.navistar.com/tsis/940403.htm>

If you do not have access to ISIS, you may request a copy of this TSI by calling 501-505-2193 or emailing a request to Kathy.anders@ic-corp.com

1. REFER to **Figure 1** for all instructions.
2. Completely bleed air systems to 0 psi (0 KPa).
3. Disconnect the 5/8" green tube from the secondary air tank. Trim the green tube length to provide the same routing to the primary tank that is provided by the orange tube. Ensure the tube is clean at the new sealing area. Do not remove the intermediate connection at the front crossmember for the green tube.
4. Disconnect the 5/8" orange tube from primary air tank.
5. Install the green tube to the primary tank making sure there are no kinks.
6. Loosen or remove all clipping on the 5/8" orange tube between the air tanks and the intermediate connection at the front crossmember.
7. Remove the 5/8" orange tube from the intermediate connection at the front crossmember.
8. Measure and cut 80 inches (203.3cm) of 5/8" black bulk tubing to replace the 5/8" orange air tube. Please ensure the cut is clean and even.
9. Connect the new black tube to the same port at the intermediate connection from which the orange tube was removed. Route and clip black tubing along the same path as the original orange tubing. Trim tube as necessary. Tighten or replace clipping if required. Please ensure there are no kinks in the tube at any point in its routing. Make sure that any other tubing or cables are included in the clipping as originally built.
10. Connect the black tube to the secondary air tank.

11. Start the vehicle to pressurize the system and check for leaks at the intermediate connection on the crossmember and the tank connections. Repair as required.
12. **Test Brake System:** Drain the primary air tank. Ensure that the secondary air tank retains pressure. Apply the service brake and ensure that the brakes actuate. Reinstall primary air tank pressure to normal.

End of Inspection and Repair Procedure

LABOR

Labor Code	Description	Time (hours)
A40-05522-01	Inspect Only	0.3
A40-05522-02	Inspect & Repair	0.5

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.



This label has been shipped with your letter.

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