



IC Corporation

751 South Harkrider, Conway, Ar 72302

A SUBSIDIARY OF INTERNATIONAL
TRUCK AND ENGINE CORPORATION

CUSTOMER SERVICE PROCEDURE

**SAFETY RECALL 07513
NOVEMBER 2007**

DEFECT DESCRIPTION

The routing of the service and parking brake rubber drop hoses to the rear axle's brake components may bring them too close to the exhaust tail pipe. The rubber hoses may melt if routed too close to the tail pipe causing either of two possibilities:

- 1) An air leak on the parking brake hose may cause the parking brakes to slowly apply while depleting both the primary and secondary air circuits.

Even though the air pressure gauge and low air pressure warning buzzer would give ample warning to a driver, these conditions could cause the vehicle to slow down or stop unexpectedly which may contribute to a vehicle crash possibly causing property damage, personal injury or death.

- 2) An air leak on a service brake hose may result in extended stopping distances while also depleting the primary air tank.

An extended stopping distance can happen without prior warning to the driver and may contribute to a vehicle crash possibly causing property damage, personal injury or death.

MODELS INVOLVED

This Safety Recall involves certain FE school and commercial buses built 3/29/2007 thru 8/28/2007 with air brakes and rear exiting exhaust systems.

PARTS INFORMATION


***PLEASE PERFORM THE INSPECTION PROCEDURE TO DETERMINE IF PARTS
ARE REQUIRED.***

If you wish parts to be sent directly to your location, free of charge, please fill out your name and shipping address on the enclosed green, "AUTHORIZATION FOR RECALL SERVICE," card and **CHECK BOX #8**.

Please indicate the kit part number you require, on the card.

Part Number	Part Description	Quantity
8900206R91	KIT,RCL SVC BRK HOSE ASSY	1

INSPECTION PROCEDURE

	<p><u>WARNING</u></p> <p><i>TO AVOID SERIOUS EYE INJURY, ALWAYS WEAR SAFE EYE PROTECTION WHEN YOU PERFORM VEHICLE MAINTENANCE OR SERVICE.</i></p>	<p><u>WARNING</u></p> <p><i>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.</i></p>
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Please perform the following inspection to determine if further action is necessary:

- 1 **Air Suspension:** You will need to inspect both the parking brake *and* right side (passenger) service brake hose and their proximity to the exhaust tail pipe.
- 2 **Spring Suspension:** You will need to inspect the right side (passenger) service brake hose and its proximity to the exhaust tail pipe.
- 3 Measure the distance from the tail pipe to the rubber park brake and service brake hoses.

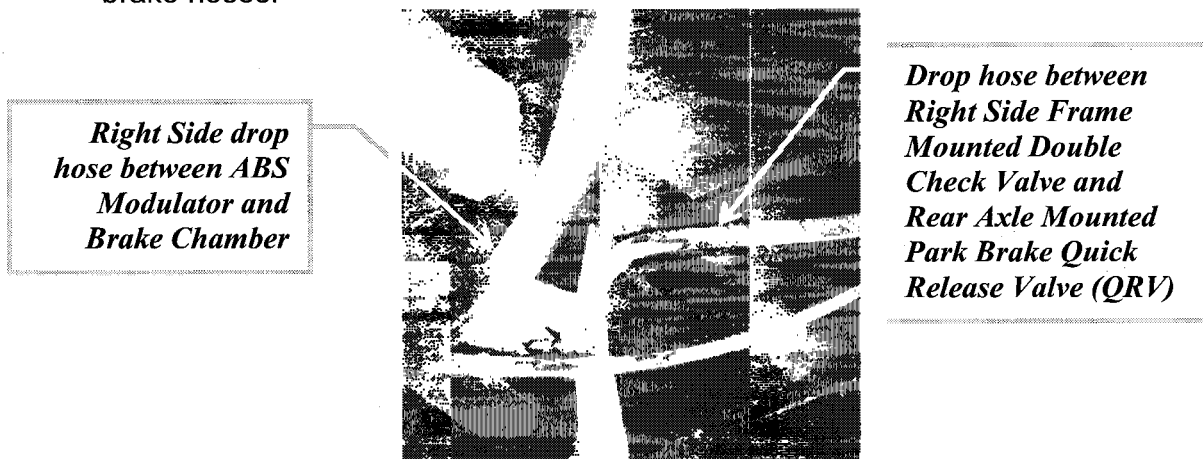


Figure 1 – Air Suspension Shown

- 4 If the distance from the outer surface of the tail pipe to the outer surface of *either* rubber hose is **less than 4" (102mm)**, skip to step 6. Figure 1 represents a condition requiring further action for both hoses.
- 5 If the distance from the outer surface of the tail pipe to the outer surface of *both* the rubber hoses is **greater than 4" (102mm)**, *no further action is necessary*. Please check box "1" on the enclosed green card and drop it in the mail. Thank you.

END OF INSPECTION PROCEDURE

SERVICE PROCEDURE

- 6 **All Suspensions:** Remove and discard the rubber drop hose from the right (passenger) side ABS Modulator valve and brake chamber. Be sure to keep the hose separators and wire clips, they will be reused in step 10.



Figure 2 – ABS Modulator Looking Rearward

- 7 **All Suspensions:** Remove hose adapter from ABS Modulator valve. It will be re-used in step 9.



Keep this adapter installed

There are 2 adapters between the hose and the 90° fitting. Only remove the adapter that was originally connected to the hose. Left side shown for REFERENCE.

Figure 3 – Remove Hose Adapter

- 8 **All Suspensions:** Clean the threads of the ABS Modulator and park brake chamber.
- 9 **All Suspensions:** Install a 45° fitting (included in the kit) into the ABS Modulator. Be sure to use a suitable thread sealant tape to properly seal the threads. Clock the fitting directly rearward. Install the adapter removed in step 6 into the elbow.



Figure 4

- 10 **All Suspensions:** Install a 45° fitting (included in the kit) into the brake chamber, clocking it forward.

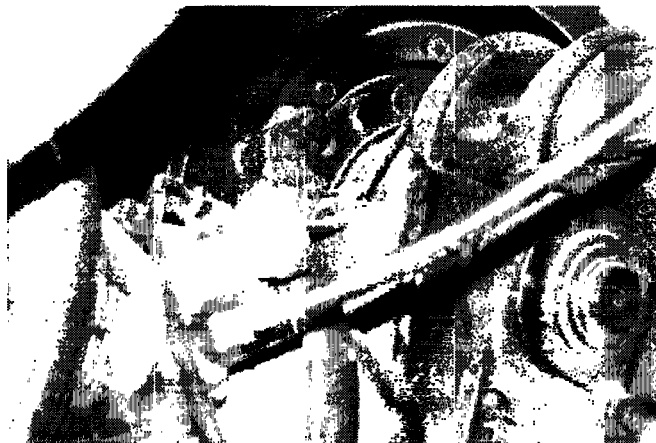


Figure 5

- 11 **All Suspensions:** Install the 29" long rubber drop hose and re-install the hose separators and wire clips. Ensure hose is at least 4" (102mm) from the outer surface of the tailpipe.

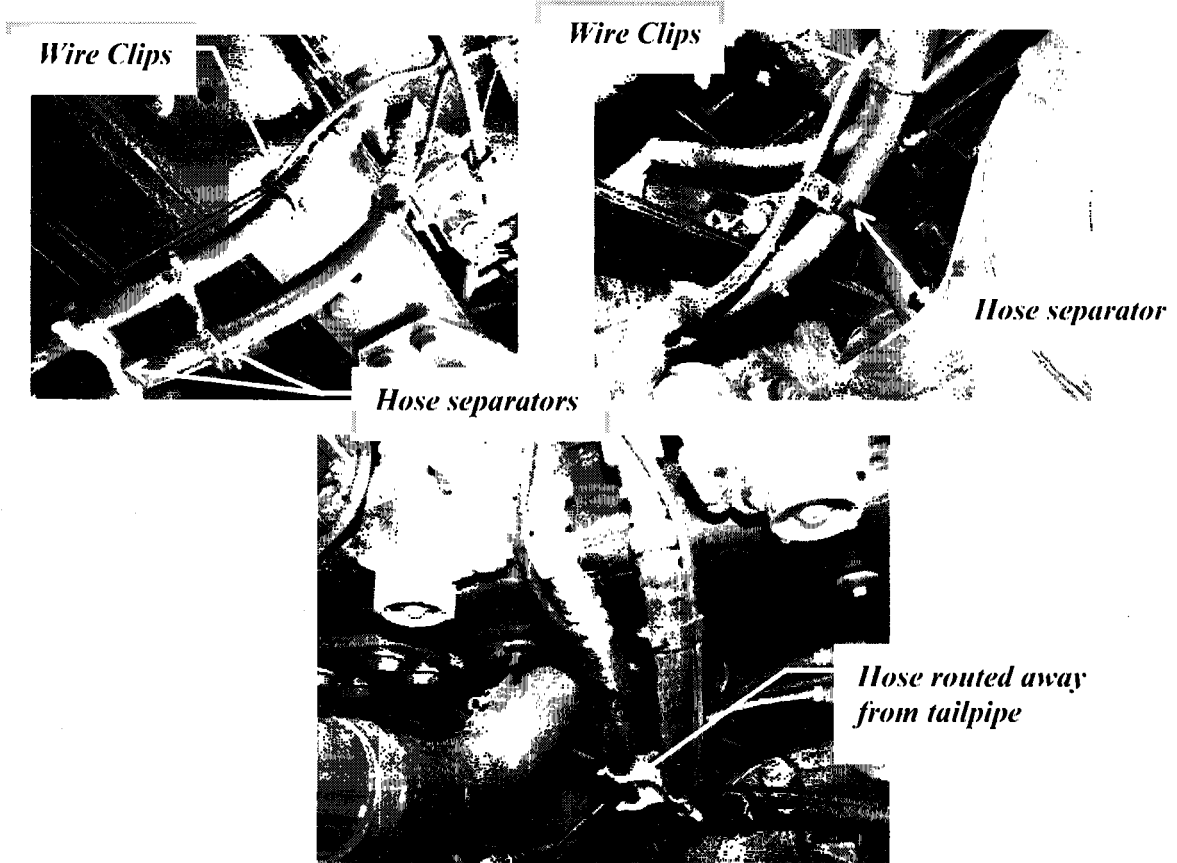


Figure 6 – Routing and Clipping of Service Brake Drop Hose

- 12 **Air Suspension ONLY:** Remove the rubber drop hose between the frame mounted double check valve and the axle mounted park brake quick release valve.

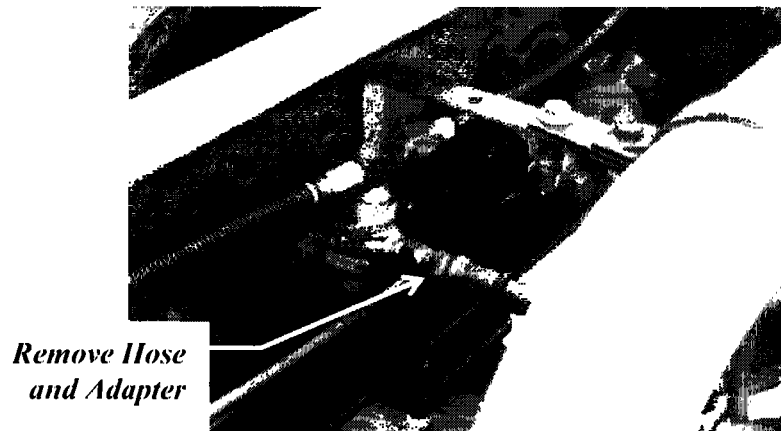


Figure 7

- 13 **Air Suspension ONLY:** Install the final 45° fitting from kit into the double check valve, clocking it downward.



Figure 8

- 14 **Air Suspension ONLY:** Install the 24" long rubber drop hose and re-install the hose separators and wire clips. Ensure hose is at least 4" (102mm) from the outer surface of the tailpipe.



Figure 9

- 15 Pressurize air hoses by repeatedly depressing the brake pedal and releasing the park brake to check for leaks and repair, re-tighten connections as necessary.

END OF SERVICE PROCEDURE

LABOR INFORMATION

If you choose to perform the Inspection and/or Service Procedure yourself, you will be compensated for your time by IC Corp.

To assist in processing this recall, it is important you provide an invoice to IC with the following information:

- VIN # (or List of VINs repaired)
- IC Safety Recall Number: **G-07513**
- Subject: **Air Brake Drop Hose Re-Routing**
- Facilities Repair Labor Rate
- Applicable Labor Operation Numbers: **Listed Below**
- Your Tax ID Number

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-07513-1	<i>Inspection only, No Corrections Necessary</i>	0.2 hr
A40-07513-2	<i>Replace/Re-route Air Brake Drop Hoses</i>	0.6 hr

Please send all requested information to the following location for prompt processing:

IC Corporation
Attn: COMPLIANCE DEPARTMENT
PO BOX 6000
Conway, AR 72033

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 was supplied to you in this mailing package.

DO NOT REMOVE
IC CORPORATION
Campaign No.
VIN Eng. #
COMPLETED
Service Location Code #
DO NOT REMOVE

IC CORPORATION