



Service Bulletin No. 347

MODEL	J4500 Series Coaches	TYPE	Field Change Program	SECTION/GROUP	22 – Wheelchair	DATE	
SUBJECT	BRAUN HYDRAULIC AND ELECTRICAL LINE INTERFERENCE						
CONDITIONS							

Ref. NHTSA Recall No.: 11V-XXX

Ref. Transport Canada Recall No.: 11-XXX

Customer Complaint:

The potential may exist in which the wheelchair lift may contact the hydraulic and electric lines during lift or stow operation. The lift may not operate if the hydraulic lines or electrical wires are compromised. If exposed electrical wires are allowed to short to ground, then the potential exists for the wires to overheat and possibly cause a thermal event.

Cause:

The clamping of the hydraulic lines and electrical wires is inconsistent, and doesn't always leave sufficient clearance for the lift to operate without potentially pinching the lines.

Corrective Action:

As a result, MCI advises that owners of J4500 model coaches with unit numbers listed in the table below implement the steps in this procedure.

65155	65502	65504	65507 to 65509	65514 to 65515
65521	65522	65554 to 65557	65571 to 65577	65579
65619 to 65623				

Parts

Qty.	New P/N	Description
1	26-22-0006	Kit, Lines Clamp, Braun WCL <i>Kit Contents Are:</i>
4	19-4-32	Clamp, Line Support
2	19-4-48	Clamp, Line Support
3	19-1-176	Screw
1	19-1-619	Screw
1	19-2-7	Washer
3	19-3-2	Nut
1	24-51-0050	Molding Edge
a/r	21-7209-1	High Tack Sealant
1	03-15-7738A	Verification Form, (Must be Returned to MCI, One Per Coach)

Service Procedure:**⚠ WARNING**

Read this entire procedure before beginning work.

Use Safe Shop Practices At All Times.

1. Open and secure the wheelchair compartment door by placing the steel pin through the hinge holes. Deploy the wheelchair lift. Position the lift at ground level.
2. Activate the disconnect feature of the main battery disconnect (MDS) system by pressing (for one second only) the momentary toggle switch on the MDS module to OFF. An audible click can be heard from the main solenoids in the MDS module. Position the rotary switch to the DOWN (OFF) position.
3. Open the engine door. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position. Chock both sides of the tires.
4. Open the curbside, rear side service compartment door.
5. Locate the fittings shown in Figure 1. Orient the harnesses and cables as shown in Figure 1.
6. Using a 13/64 inch drill bit and a drill bit stop (set to the width of the compartment wall), drill three (3) holes at the dimensions shown in Figure 1.

NOTICE

Utilize the rear, side service compartment to access the screw threads (refer to Figure 4).

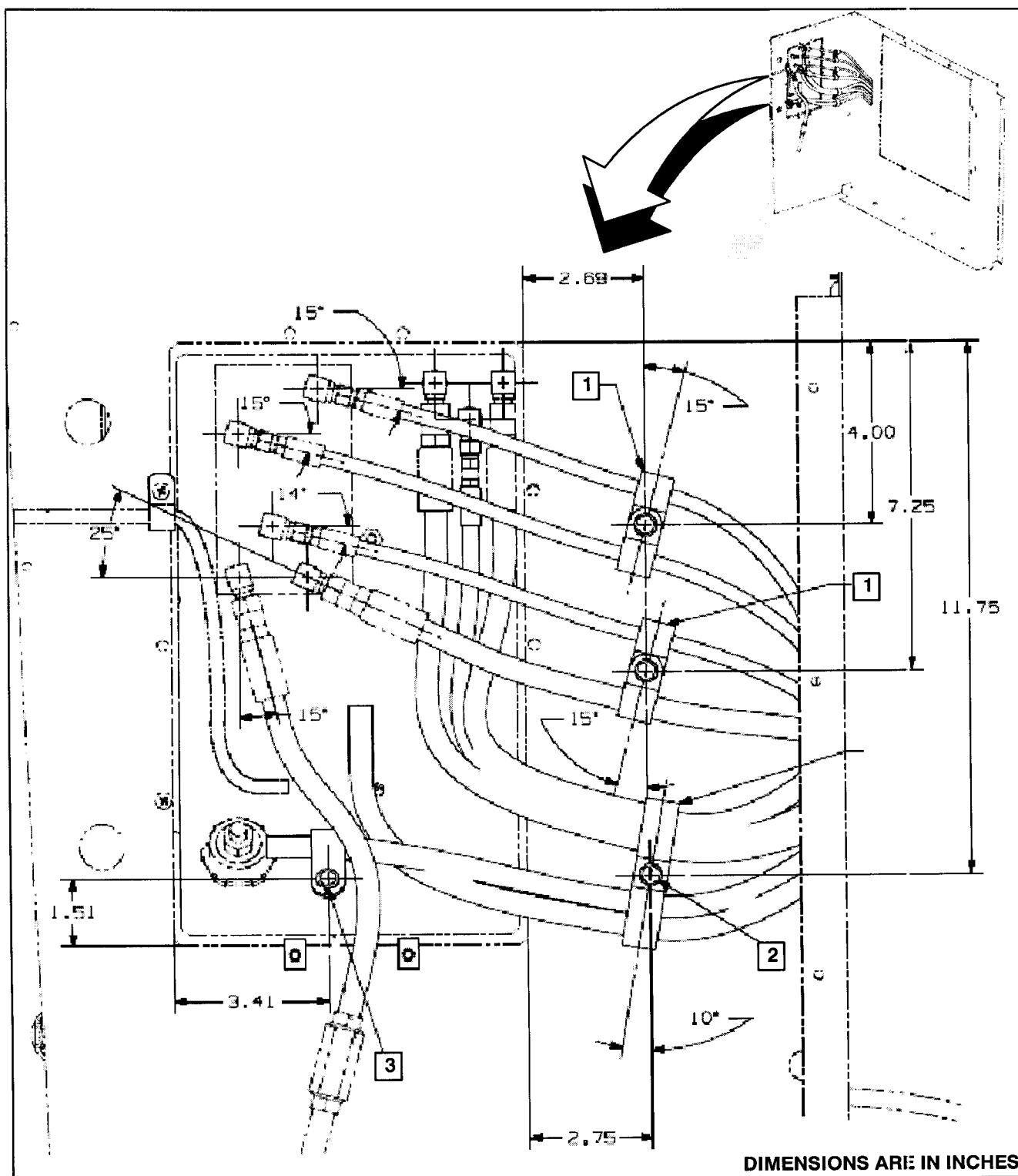


Figure 1.

ITEM	FIGURE 1 DESCRIPTION
1	Clamp, p/n 19-4-32, x two (2)
2	Clamp, p/n 19-4-48, x two (2)
3	Re-locate existing clamp (refer to Step 8.)

7. Install the clamps, p/n 19-4-32, and, p/n 19-4-48, on the hoses as shown in Figures 1 and 2. Using screws, p/n 19-4-176, and nut, p/n 19-3-2, secure the clamps to the compartment wall.

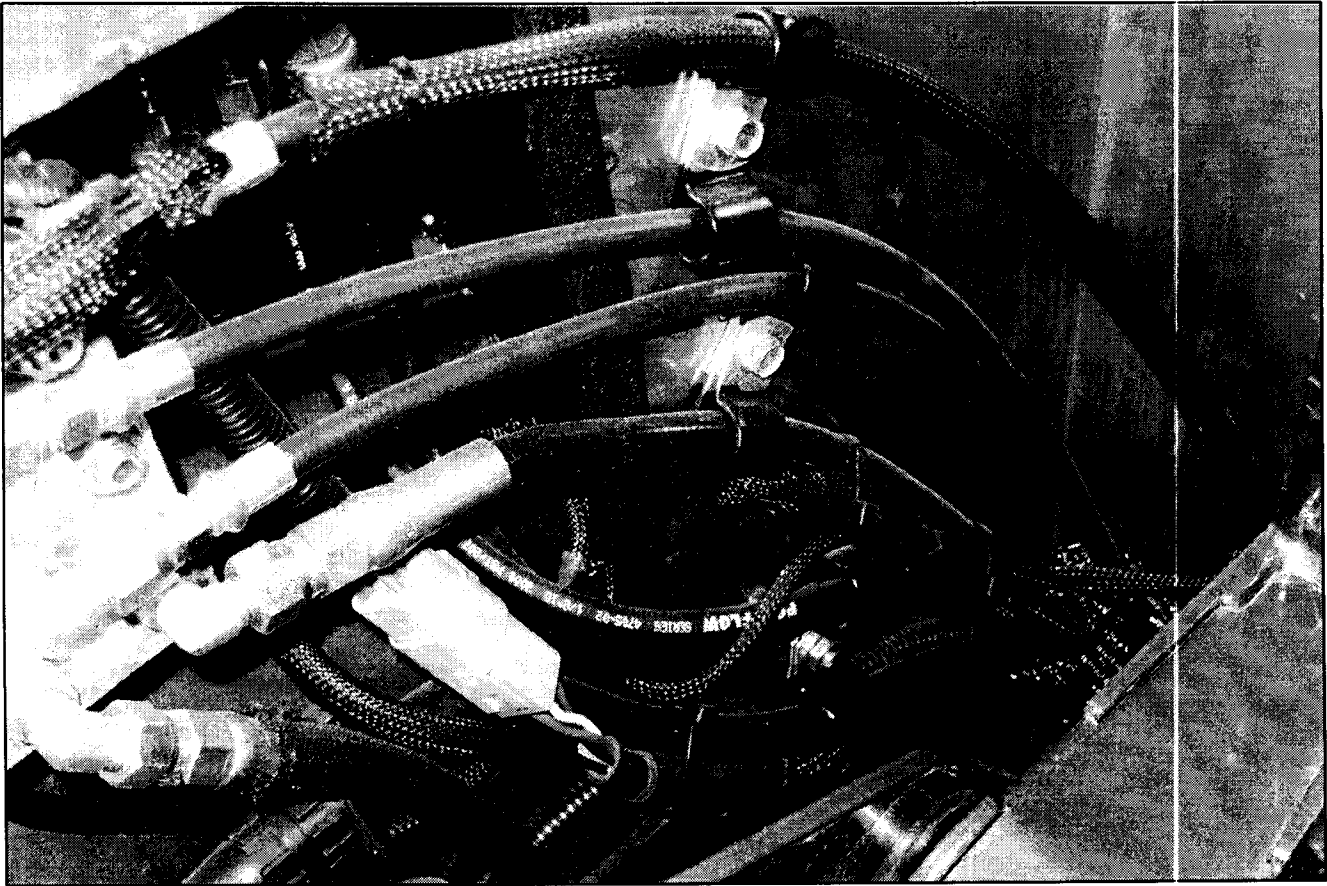


Figure 2. Reference photo of wheelchair compartment.

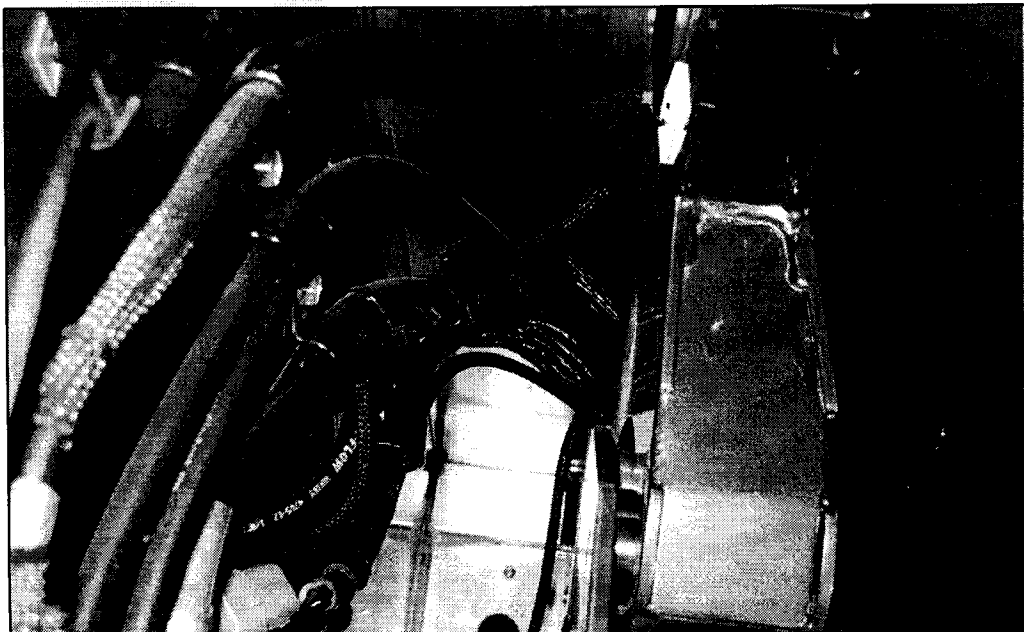


Figure 3. Reference photo of wheelchair compartment.

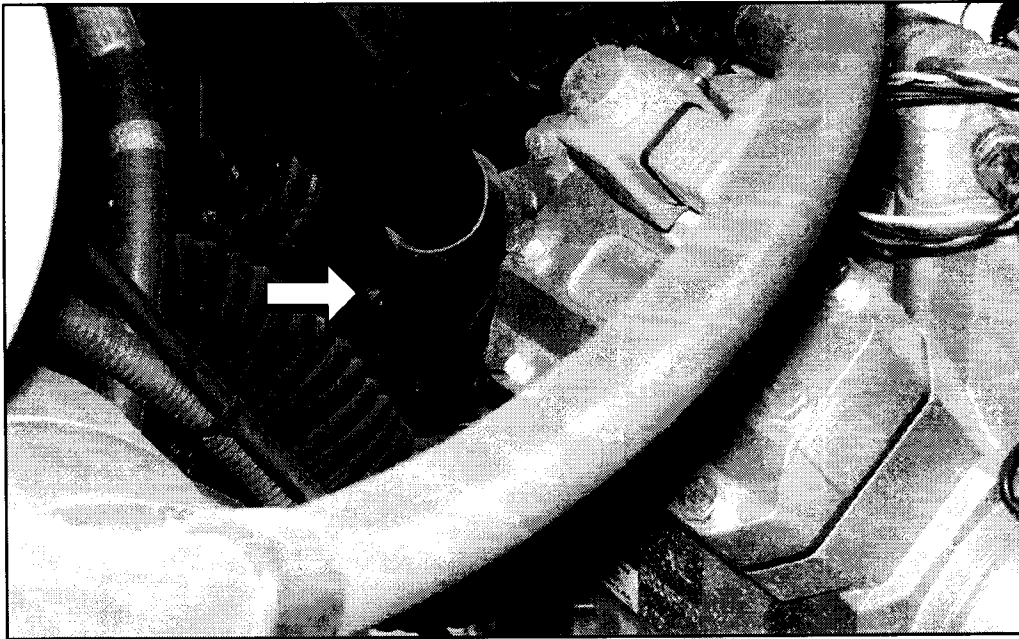


Figure 4. Reference photo of mounting hardware on rear, side service compartment side wall.

8. Using a 11/64 inch drill bit and a drill bit stop (set to the width of the compartment wall), drill a hole at the dimensions (1.51 x 3.41) shown in Figures 1 and 5. Secure the existing clamp to the compartment wall using screw, p/n 19-1-619, and washer, p/n 19-2-7.

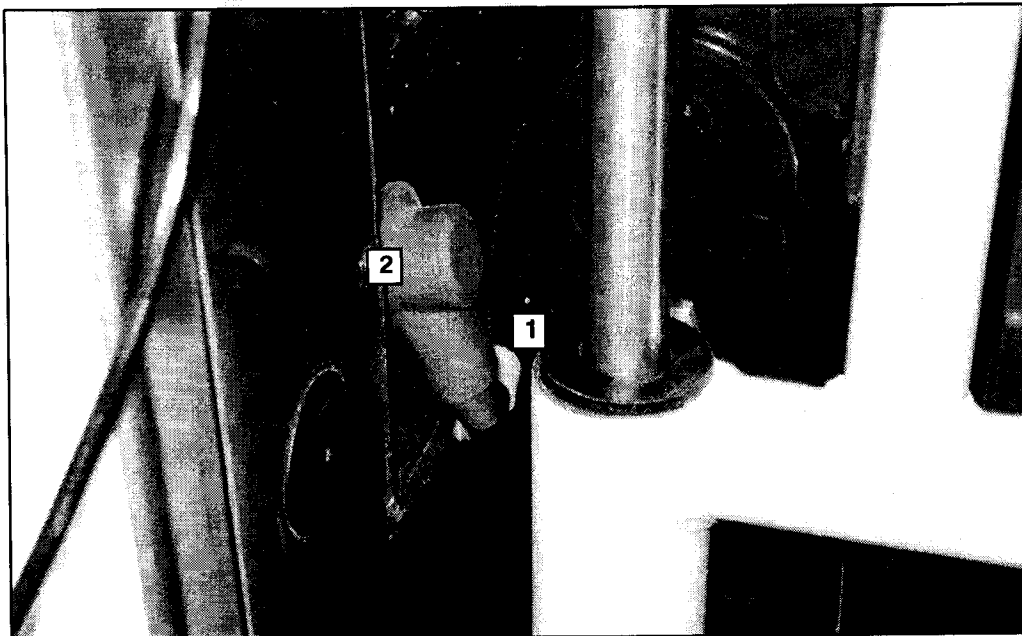


Figure 5. Reference photo of wheelchair compartment.

ITEM	FIGURE 6 DESCRIPTION
1	Existing clamp at new location
2	Red protective boot

9. In the wheelchair compartment, remove the red protective boot from the one (1) wheelchair lift electrical terminal and apply high tack sealant to the terminal (refer to Figure 5).
10. In the rear, side service compartment, remove the red protective boot from the three (3) wheelchair lift electrical terminals and apply high tack sealant to the terminals (refer to Figure 6).
11. Install the edge molding, p/n 24-51-0050, on the upper bracket edge (below the loom routing) as shown in Figure 6.

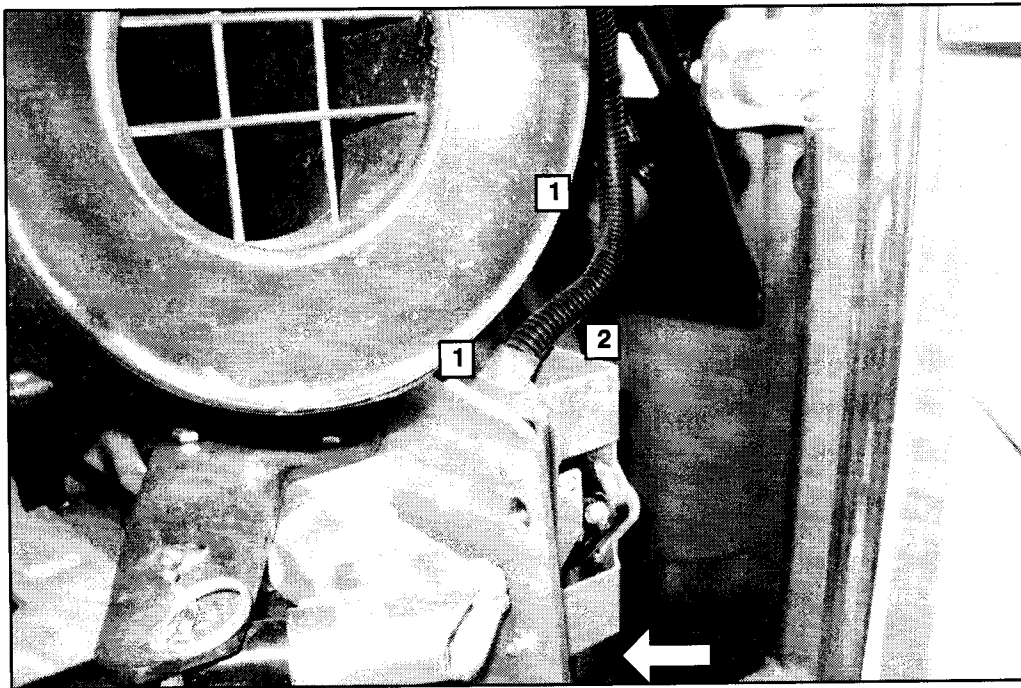


Figure 6. Reference photo of rear, side service compartment

ITEM	FIGURE 6 DESCRIPTION
1	Remove the red protective boot and apply high tack sealant to the terminals
2	Install the edge molding

12. Cover all four (4) wheelchair lift electrical terminals with the red protective boots.
13. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the ON position. Start up the coach. Cycle the wheelchair lift through the stow, up and down functions to ensure that the lift is not contacting the the hydraulic and electric lines.

Procedure complete.

Mail or fax the completed limited warranty claim form and verification form to MCI's warranty department, or photocopy and mail to:

MCI Fleet Support
Attn: Warranty Department
7001 Universal Coach Drive
Louisville, KY 40258
Fax Number 1-800-360-8886

to receive credit for the hours used to complete this task. Contact the MCI Fleet Support Technical Center at 1-800-241-2947 for any further information.

Field Change Program Conditions:

The parts required for this change will be supplied without charge.

A labor allowance of **0.5 hours** will be granted, for the procedure of installing the specified part(s) in this bulletin on J4500 model coaches.

This labor allowance will be credited to your MCI Fleet Support Parts Account on receipt of the attached "MCI Field Change Program Verification Form" and a "Warranty Claim Form" as detailed in your Owner Warranty manual to MCI's Warranty department. A "MCI Field Change Program Verification Form" needs to be submitted for each VIN affected. Photocopy the attached "MCI Field Change Program Verification Form" as required for the number of affected coaches in your fleet.

Motor Coach apologizes for any inconvenience resulting from this campaign, but urges you to implement this change as soon as possible.

Sincerely,

Motor Coach Industries
U.S. and Canadian Service Departments.



MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
CUSTOMER NAME: _____ (PLEASE PRINT)	
FCP INFORMATION – ONE FORM PER UNIT	
FCP#: _____	Coach Model _____ Model Year _____
COACH SERIAL #: (At least the last 5 digits)	DATE COMPLETED __ / __ / __
MILEAGE:	
IMPORTANT: TO RECEIVE CREDIT FOR ANY ALLOWABLE LABOR CHARGES, THIS VERIFICATION FORM MUST BE RETURNED TO MCI UPON COMPLETION OF THE FCP.	
SUBMITTED BY: (Please Print) _____ DATE __ / __ / __	
TITLE: (Please Print) _____	
SIGNATURE: _____	
COMMENTS: 	

FAX TO: 1-502-318-8183

MAILING ADDRESS:

**MOTOR COACH INDUSTRIES
ATTN: WARRANTY DEPT.
7001 UNIVERSAL COACH DRIVE
LOUISVILLE, KY 40258**

MCI PART #03-15-7738



SAFETY RECALL NOTICE

CUSTOMER NAME
ADDRESS
CITY, STATE ZIP CODE
COUNTRY

1700 EAST GOLF ROAD, SUITE 300, SCHIAUMBURG, IL 60173