



Subject: Kiel Rear Cross Belt Extension Bracket Retrofit			
Field Change Program: Field Campaign	FCP Number: 490	Revision: A	Date: 10/13/2020
Coach Section: 03- Body	P/N: 03-11-2406		Type: Safety Recall

Ref. NHTSA Recall No.: 20V-578	Ref. Transport Canada Recall No.: N/A
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Application:

Coach Model	Model Year	VIN
D45CRT-LE	2019 - 2020	81004 - 81014, 81017 - 81037, 81039 - 81062

This field campaign does not necessarily apply to all the above-mentioned coaches. The owners of the coaches affected by this field campaign will be advised by a letter indicating the Vehicle Identification Number (VIN) of each applicable coach.

⚠ WARNING

Read this entire procedure before beginning work.

Use Safe Shop Practices at All Times.

To avoid personal injury:

- a. Proper Personal Protective Equipment (PPE) must be worn. Safety glasses and protective gloves are required for working with DEF Fluid.*
- b. Turn the main battery disconnect switch to the OFF position.*
- c. Ensure that both the front and the rear wheels are chocked.*
- d. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position.*
- e. Allow enough time for components to cool down prior to working in the engine compartment.*

1.0 Description

Customer complaint:

Kiel N.A., L.L.C (Kiel) has notified Motor Coach Industries (“MCI”) that Kiel had filed an equipment recall (20E-054) with respect to certain rear cross (last row) passenger seats. The seatbelts may not switch back from ALR function to the ELR function. This results in inability to use the seat belt and could increase the risk of personal injury in the event of a collision.

Cause:

The mounting location of the seat belt retractor on the rear cross seat chassis is reducing the length of the webbing required for switching from ALR to ELR mode after activation.

Corrective action:

MCI requests owners of the affected coaches have the following procedure performed as soon as possible.

2.0 Material requirements

All material for the rework will be provided by Kiel NA. Please call 574-327-2050 or email customerservice@kielna.com to request material

3.0 Special tools

No special tools required.

4.0 Procedure



Kiel NA
Procedure: Addition of Rear Cross Belt Extension Bracket
Rev. 0

Procedure: Addition of Rear Cross Belt Extension Bracket

1. SUMMARY

- 1.1. Purpose of this procedure is to provide instruction for addition of the belt extension bracket to rear cross seat chassis.
- 1.2. Engineering is responsible for implementation and management of this procedure.

2. REVISION AND APPROVAL

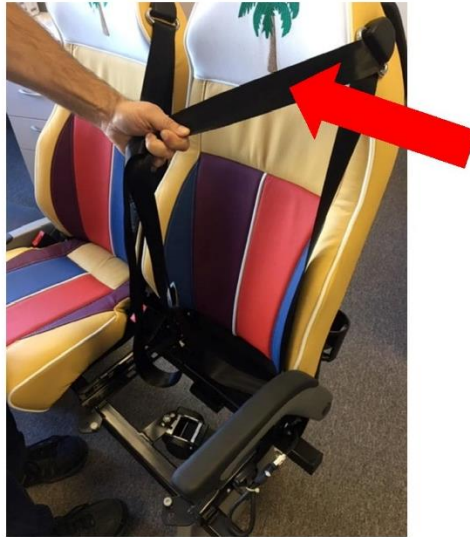
Rev.	Date	Nature of Changes	Approved By
0	08/18/2020	Original issue.	J Rebman

3. PROCEDURE:

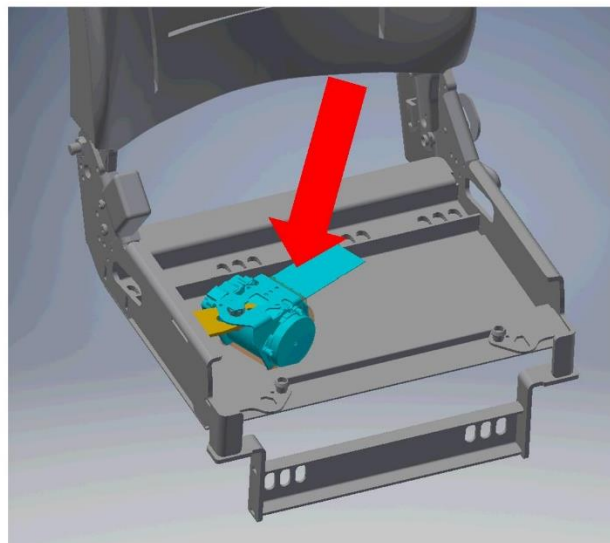
- 3.1. Remove seat cushion by lifting at front.



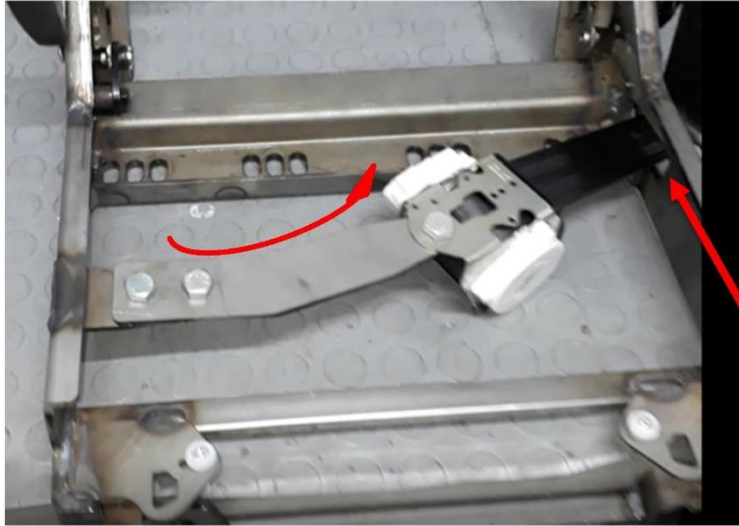
- 3.2. Visually inspect 3-point belt webbing to ensure it is not frayed, torn, or damaged.
- 3.3. While pulling webbing completely out of the retractor look at the webbing for fraying, tearing, and or damage.



- 3.4. Remove belt retractor from chassis and dispose of hardware.



- 3.5. Install bracket (part number: N263110) as pictured below with “dog leg” facing rear of seat.
 - 3.5.5. S980200013 3ea. Bolt 7/16” -20 UNF.
 - 3.5.6. 3008067 3ea. Nut 7/16”-20.
- 3.6. Reinstall belt retractor as pictured below using new hardware provided by Kiel.



Webbing should NOT touch sides of slot.

- 3.7. Use Loctite number 242 on bolt threads.
- 3.8. Special notes:
 - 3.8.1. Make sure webbing angle is in line with the webbing slot and ring on chassis frame.
Webbing should not touch sides of slot.
 - 3.8.2. Do not roll or twist webbing.
- 3.9. Torque all 3 hardware sets to 28Nm or 21 ft. lbs.
- 3.10. Torque mark the nuts.
- 3.11. Replace seat cushion.
- 3.12. Test as per: Procedure: 3-Point Lap and Shoulder Belt Function



4. MAINTENANCE INFORMATION AND RECOMMENDATIONS

- 4.1. **Important: Never disassemble retractor housing. This constitutes a safety hazard and should only be performed by belt manufacturer.**
- 4.2. Service and maintenance should be performed by qualified personnel only.
- 4.3. Use of safety equipment and personal protective according to relevant guidelines.
- 4.4. Procedure document: **Addition of Rear Cross Belt Extension Bracket** is designed as a training document. If applicable, training videos are available upon request. Training is supported by Kiel NA. Please call 574-327-2050 or email customerservice@kielna.com to request additional materials.

5.0 5.0 Verification



Kiel NA
Procedure: 3-Point Lab and Shoulder Belt Function
Rev. 0

Procedure: 3-Point Lap and Shoulder Belt Function

1. SUMMARY

- 1.1. The purpose of this procedure is to explain proper usage of 3-point lap and shoulder belt function on Kiel seating.
- 1.2. Kiel engineering department is responsible for implementation and management of this procedure.

2. REVISION AND APPROVAL

Rev.	Date	Nature of Changes	Approved By
0	7/16/2020	Original issue.	J Rebman

3. PROCEDURE:

3.1. Proper belt operation and usage:

3.1.1. ELR / ALR functionality

- 3.1.1.1. ELR (Emergency Locking Retractor). Primary function of belt.
- 3.1.1.2. Pull webbing out towards female buckle receiver – as if a body is in the seat. Release webbing and allow to return into retractor with no assistance.



- 3.1.1.3. ALR (Automatic Locking Retractor). Secondary function of belt.
- 3.1.1.4. Pull shoulder belt webbing all the way out of retractor from shoulder point.



- 3.1.1.5. Retractor mechanism must switch to ALR functionality for child seat securement. Belt now works as a ratchet and webbing will ONLY feed in, not out.



- 3.1.1.6. Release and allow webbing to feed completely back into retractor. Webbing return results in mechanism switching back to ELR functionality.

4. MAINTENANCE INFORMATION AND RECOMMENDATIONS

- 4.1. **Important: Never disassemble retractor housing. This constitutes a safety hazard and should only be performed by belt manufacturer.**
- 4.2. Service and maintenance should be performed by qualified personnel only.
- 4.3. Use of safety equipment and personal protective according to relevant guidelines.
- 4.4. Procedure document **3-point Lap and Shoulder Belt Function** is designed as a training document. If applicable, training videos are available upon request. Training is supported by Kiel NA. Please call 574-327-2050 or email customerservice@kielna.com to request additional materials.



6.0 4.0 Field Change Program Conditions:

The parts required for this change will be supplied by Kiel N.A.

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



7.0 4.1 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: 800-360-8886

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.