

## 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:

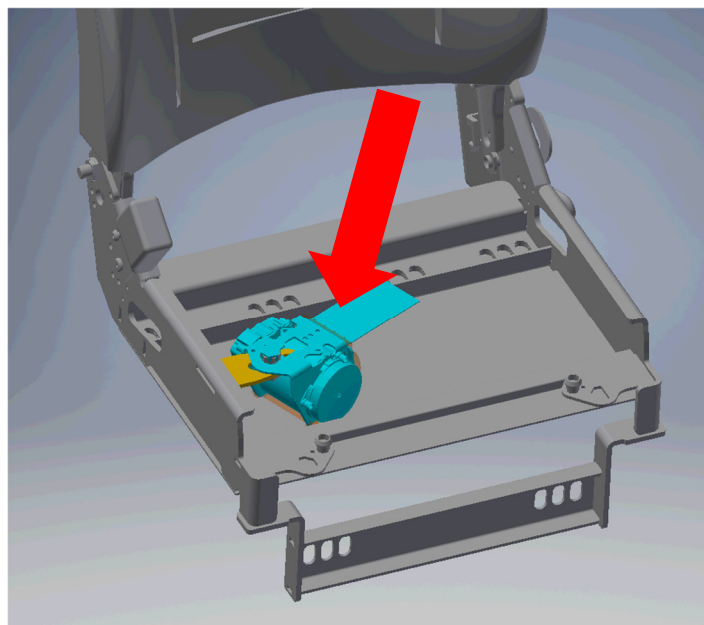
- 3.1. Remove seat cushion by lifting at front.



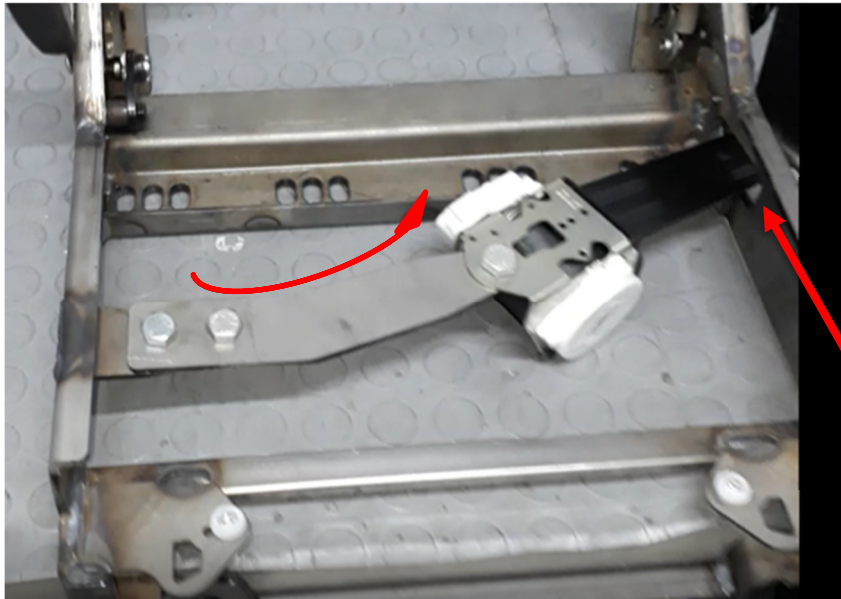
- 3.2. Visually inspect 3-point belt webbing to ensure it is not frayed, torn, or damaged.
- 3.3. While pulling webbing completely out of the retractor look at the webbing for fraying, tearing, and or damage.



- 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](mailto:customerservice@kielna.com) to request additional materials.