

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.