

**SOLUTION**

L&L CBS™

VERSION

April 2021

B-Pillar Structural Inserts

Unified macro structure with improved strength.



B-Pillar structural inserts are heat activated expanding adhesives with engineered carrier filled cavities. This bonds individual load bearing members to create a unified macro structure with significantly improved stiffness and strength attributes.

L&L CBS™ enables weight to be reduced, while maintaining or improving vehicle durability, stiffness, and crash worthiness. Benefits include the additional reinforcement which reduces the overall B-Pillar intrusion. Stress distribution on the surrounding metal panels reduces metal failure-risk. CBS™ also enables weight reduction benefits.

KEY PRODUCT ATTRIBUTES:

- Improved roof strength
- Enhanced side impact protection
- Improved NVH
- Simplification of assembly