

**SOLUTION**
L&L CBS™**VERSION**
April 2021

Crossmember / Longitudinal Rail Structural Inserts

Customized stiffness & increased energy absorption.



Composite Body Solutions (CBS™) can increase stiffness, improve strength, and reduce mass in underbody applications.

CBS™ technology enables weight to be reduced, while maintaining or improving vehicle durability, stiffness, and crash worthiness. For crossmember sections, CBS™ promotes effective load transfer and helps preserve the integrity of the passenger compartment in crash events. CBS™ increases local stiffness for improved NVH at critical occupant interface and battery areas such as seat mounts and floor pans.

KEY PRODUCT ATTRIBUTES

- Engineered part geometry allows for clearances to clips, bolts, and other components
- Continuous structural adhesive bonding results in an extremely stiff and stable composite structure
- Increased load bearing capacity
- Reduced package dimension
- Load spread

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