

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

A-Pillar/ Hinge Pillar Structural Inserts

Local reinforcement in transition areas.



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

CBS™ provides local reinforcement in transition areas prone to high stress concentrations allowing metal body structure components to be down-gauged. CBS™ stabilizes major cross-section transitions between front rails, hinge pillars, and A-pillars and helps maintain energy load paths in all frontal crashes, including SORB. Using CBS™ also creates a strong foundation for enhanced roof crush performance.

KEY PRODUCT ATTRIBUTES:

- Engineered part geometry allows for clearances to clips, bolts, and other components common in pillar environments
- Smaller pillar cross-sections can be achieved providing better visibility to vehicle occupants
- Acoustic sealing can be incorporated

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