



## Arconic C6A1 Alloy

Arconic-invented C6A1 allows automakers to create high-form lightweight design solutions in applications that require strength and durability. Arconic is the sole-source for this alloy, used by FCA to take significant weight out of the Jeep Wrangler doors. FCA is also using C6A1 alloy as a solution for other popular production vehicles (in new applications).

Category:  
**Enabling  
Technology**

Application:  
**2018 Jeep Wrangler**

Weight Savings:  
**200 lbs**  
Lighter than the previous model

Methodology:  
**Material Optimization**

Presented in partnership with:



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