



**Meridian**  
萬豐·镁瑞丁

## Wanfeng Meridian & FCA Magnesium Technology

Magnesium die-casting technology is used strategically to lightweight the 2017 FCA Pacifica minivan in the main structure of the Instrument panel and rear liftgate assemblies, and to provide increased stiffness while decreasing mass for the steering column. Magnesium die-casting components are engineered to meet performance targets while providing weight reduction and part consolidation. Strategic rib placement, integrated gussets and thickness patches are utilized to improve NVH and stiffness performances.

Category:  
**Module**

Application:  
**2017 Chrysler Pacifica**

Weight Saving:  
**20kg**

20% of the overall vehicle weight reduction from the previous generation

Methodology:  
**Material Substitution**

Presented in partnership with:



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