

2016 Enlighten Award
Nominee



ContiTech Polyamide Cross Member



ContiTech's front cross member of the rear suspension on the 2016 Mercedes S-Class Coupe was an original product with an aluminum sub-assembly. This is the first time a rear suspension cross member has been designed and produced in polyamide for production. The conversion to polyamide was able to save 30% of the mass compared to the aluminum product.

Category:
Module

Application:
2016 Mercedes S-Class

Weight Savings:
30% weight savings compared
to aluminum version

Methodology:
Material Replacement