



EICHER

Eicher Polaris Pvt Ltd

Tailgate & Spare Tyre Mount

The Multix is “India’s first personal utility vehicle”, able to be used as a people carrier, a cargo carrier and also a power generator. During the vehicle’s development, Eicher utilized topology optimization techniques to generate a material efficient geometry for the vehicle’s tailgate and spare tyre mount system. To further save weight from the components, size optimization technologies were used to investigate where the thickness of the material could be reduced without compromising performance.

Category:
Module

Application:
Eicher Polaris Multix

Weight Saving:
2kg
compared to baseline

Methodology:
Design Optimization

Presented in partnership with:



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