



Carrying too much weight?

Lightweight Wiring Harnesses

Reduce Costs - Increase Performance



Harness Our Expertise

Weight reduction is one of the biggest challenges facing vehicle manufacturers today. Lightweight wiring harnesses can make a significant contribution to offer many advantages:



Reduced cost of operation



Improved mobility and agility



Improved fuel efficiency



Increased payload capacity



Lower emissions



Lower transportation costs



Increased speed and acceleration

Phoenix Dynamics' research into lightweight harnessing materials has identified that weight savings of >30% can be achieved on typical wiring harness designs when compared to traditional harness technology.

Weight savings achieved through:



Composite material
Connectors & Backshells



Lightweight Moulded Boots



High Strength Wires
(reduced cross-sectional area)



Lightweight EMC
Screening Braids



Composite/Aluminium Wires



Polymeric Braids



Thin-wall Tubing & Heatshrink



Contact Phoenix Dynamics for more information and see how much weight you can save on your products.