



Cost Reduction & Program Management

Validated client's cost reduction strategy to reduce \$40K from BOM and provided actionable steps to achieve savings

Challenge



Review client's existing cost down plan and total cost of ownership model (TCO). Identify additional areas for BOM cost reduction. Provide insight on technical design features within powertrain system.



Approach

- Identified top 80% cost contributors within BOM
- Reviewed proposed cost savings techniques with each platform manager
- Technical design review of eMachine, power electronic, and battery systems
- Utilized Ricardo's cost modeling tools to estimate "best-in-class" cost targets
- Analysed diesel and EV ownership costs



Recommendation

- Provided future design recommendations to improve reliability and cost savings
- Correlated cost savings to TCO impact
- Developed supplier database to support quoting activities



Results

Set near and long term cost reduction targets, totaling \$40K