

JOB DESCRIPTION

Job title: Automotive vehicle engineer

Department: Performance engineering

Reporting to: Chief Engineer

Job purpose:

- To work within the vehicle and dynamics area.
- To provide vehicle chassis system design and development support
- To generate technical solutions in support of performance products requirements.

Key responsibilities:

- Suspension element specification
- Sensor selection and installation
- Component specification
- Use of analytical tools and hand calculations to optimise the design of components and basic systems.
- Effective liaison with other engineering staff and technical suppliers to exchange all necessary information
- Vehicle handling systems application and diagnostics
- Reverse engineering of existing vehicle chassis systems
- Measurement of vehicles (weight, dimensions, clearances, travels)
- Presentation skills with suppliers

Education / qualifications

- Use of MatLab simulation tools
- Vehicle testing and sign off programmes
- Interest / ability in driving and assessing vehicles

Values

Can do	Must possess a positive attitude and display the ability to identify alternative solutions to problems
Relentless	In exceeding customer expectations and continually exceeding goals
Rigorous	A commitment to achieving the best solutions
Creativity	Endeavour to find new ways of doing things and learn from past experiences