



Mechanical Design Engineer

Singer Vehicle Design – Sun Valley, CA

About Us:

Since 2008, boutique restoration house Singer Vehicle Design, based in Sun Valley, California, has been sharing its obsession to celebrate the Porsche 911 – and with more than 100 commissions globally delivered to date, that obsession has been mastered through the craftsmanship of its artisan team and the ability to envision its clients' desires to reimagine the ultimate bespoke air-cooled 911. Through the highest levels of creativity, performance, engineering and technology – and now, partnerships with iconic and globally recognized organizations like Williams Advanced Engineering -- Singer has become THE symbol of why “everything is important.”

This full-time position in our Sun Valley office, includes competitive vacation and health benefits.

JOB TITLE: Mechanical Design Engineer

Singer Vehicle Design is looking for a Mechanical Design Engineer to bring new vehicle components and assemblies from design to production, reverse engineer existing components, and manage complex CAD assemblies.

Core Requirements:

- Applicants must be authorized to work in the United States
- Bachelor's Degree in Mechanical Engineering or similar field
- 3 - 5+ years of related design experience
- Proficiency with parametric modeling - solid and/or surface modeling methods
- Proficiency with Catia V5 or higher
- Experience with Solidworks
- Experience integrating and managing large CAD assemblies
- Experience with engineering drawings, GD&T
- Experience with reverse engineering techniques and tools
- Knowledge and experience with a variety of manufacturing materials, processes, and technologies

Specific Functions:

- Design new components using parametric modeling techniques. Reverse engineer existing components using applicable techniques and tools (measurement, scanning, prototyping).
- Create required engineering documentation - BOMs, engineering/manufacturing/assembly drawings, work instructions, tech memos, etc.
- See new designs through entire design process into production. Manage projects to ensure timely introduction of new components and assemblies.
- Work with assembly technicians to incorporate changes and improvements in new component design. Incorporate design for manufacturability and assembly.



- Manage vehicle level assemblies within Catia. Continually add components and assemblies towards the objective of a complete vehicle in CAD.
- Develop engineering solutions to support our assembly team and drive quality, throughput, and cost improvements in the vehicle assembly process
- Experience in mechanical, manufacturing, quality, or industrial engineering role preferred
- Experience with fabrication techniques and equipment preferred
- Experience in automotive industry preferred

Overall Work Characteristics:

- Aptitude to interface with high level individuals, executives, company associates, and vendors
- Team oriented, strong ability to multi-task and work in a fast-paced environment and to multiple deadlines
- Extremely strong communication and interpersonal skills; both oral and written
- Strong organizational skills with the ability to prioritize effectively and efficiently
- Desire and ability to work hands-on on the shop floor

IMPORTANT NOTICE:

This position is not limited to those duties in the job description. Duties and responsibilities can be changed, expanded, reduced, or deleted to meet the business needs of Singer Vehicle Design. The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

AAP/EEO Statement: Singer Vehicle Design (SVD) values a diverse workforce and as an Equal Opportunity Employer, SVD does not discriminate on the basis of race, creed, color, national origin, gender, religion, age, sexual orientation, disability, marital status, veteran status, or any other status legally protected by Federal, State, or Local law. SVD assures you that your opportunity with this Company depends solely on your qualifications and other job-related factors

Salary:

Hourly Rate, amount depending on experience

Benefits Package:

Singer Vehicle Design Benefits Package consists of Medical, Dental, Vision, and Life Insurance, Aflac Supplemental/Indemnity Plans, Paid Time-Off (PTO), and eight company-paid holidays.