



Manufacturing Engineer

Body, Surface, Paint

Job Description

Singer Vehicle Design is looking for a Manufacturing Engineer to develop processes, standards, jigs, and fixtures for the body assembly, surfacing, and paint operations. These solutions will drive increased capacity while maintaining Singer's quality standards.

Role and Responsibilities

- Investigate quality issues resulting from the body assembly, surfacing, and paint processes. Conduct root cause analysis and design and implement solutions.
- Design jigs, fixtures, and tools to improve quality, consistency, and cycle time of body assembly process.
- Work alongside composites/tooling engineers and suppliers to implement body panel design changes and incorporate design for manufacturability and assembly.
- Work with quality team to develop standards and quality checks/gauges for body assembly, surfacing, and paint.
- Develop, document, and implement reliable processes and train associates accordingly. Optimize existing process flows and eliminate waste.
- Develop solutions to improve quality and durability of vehicle paint systems.

Job Requirements

- Applicants must be authorized to work in the United States
- Position requires travel (~20%) to vendors in Orange County, CA
- Bachelor's Degree in Mechanical Engineering or similar field
- 3 – 5+ years of related experience
- Experience in mechanical, manufacturing, quality, or industrial engineering
- Experience with jig and fixture design and fabrication
- Strong spatial visualization/visual spatial ability
- Desire and ability to work hands-on on the shop floor
- 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

Preferred Skills

- Master's Degree in Mechanical Engineering or similar field
- Experience in collision, body, and/or paint shops in automotive or aerospace industry
- Experience working and developing solutions with external suppliers/vendors
- Experience with composites manufacturing, assembly, joining techniques
- Experience in project engineering/management