

BOLLINGER MOTORS

Mechanical Engineer Chassis

Bollinger Motors is looking for a full-time Chassis Engineer to work on the design and integration of an all-electric vehicle with our team of engineers in the Detroit, MI area. In this role, you will lead the Chassis engineering team to design and develop Chassis components/systems from initial concept to vehicle launch. Job duties to be performed in the Detroit, MI area. Compensation based on experience and abilities.

Essential Duties and Responsibilities

- Complete the integration of vehicle systems beginning with the concept design received from Product Line.
- Development of hydro-pneumatic suspension systems
- Development of steering systems
- Development of suspension systems
- Development of new design concepts from idea to implementation on production vehicles
- Lead FMEA and Quality assurance processes
- Apply knowledge of engineering principles and practices to assigned tasks in the design, development, analysis and release of products and subsystems
- Verify design using analysis and or functional testing, interpret results, drive decisions, and assess risk
- Responsible for accuracy of detail drawings directly or as collaboration with designers
- Identify and assess possible suppliers for production of products
- Work with other functional areas within the vehicle development team to ensure that all vehicle interfaces are defined and supported
- Create and maintain component and system DVP&R
- Create and maintain system EBOM

Education, Skills and Knowledge

- Bachelor's Degree in, Mechanical Engineering, Aerospace Engineering or related degree
- 5+ years relevant direct automotive chassis work experience required
- Working experience with EV technology
- Design or development experience in chassis or powertrain controls
- Experience with FMEA and related quality assurance processes
- Familiarity with hydro-pneumatic suspension systems
- Working experience developing steering systems
- PLP/GD&T, dimensional tolerance stack-ups and experience with engineering standards required
- Ability to contribute in all vehicle systems by using knowledge in thermal, materials, and hydraulic disciplines required

Email resume to careers@bollingermotors.com

ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES

14925 W 11 MILE ROAD, OAK PARK, MI 48237