



BOSCH

Mechanical Engineer

655 Eisenhower Dr, Owatonna, MN 55060, USA

Full-time

Legal Entity: Bosch Automotive Service Solutions Inc.

Company Description

Hybrid Schedule 60/40 - (Work Remote and Onsite)

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Job Description

The Mechanical Engineer position will be responsible for overseeing mechanical design products from concept through production. The products will encompass mechanical special service tools and equipment for automotive, commercial, and agricultural/off-road vehicles. The position is fully accountable for designing and developing new products, redesigning existing products, as well as overseeing the prototype delivery and testing of products that meet the schedule, costs, and performance specification of internal and external customers. The position has responsibility for all engineering documentation, specifications, engineering quality, and required data for the assigned project or customer account(s).

Other responsibilities include but are not limited to:

- Participate in product development projects, utilizing project management skills and best engineering practices to meet project objectives (cost, schedule, and technical objectives).
- Design new mechanical products/tools to meet customer specifications in a timely, thorough, and concise manner utilizing the best of engineering practices (GD&T, DFMEA, DFM, CAD, testing, analysis, etc.).
- Document designs and technical project data using accepted

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Deanna Proske

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engineering documentation practices (drawings, BOM, test reports, design reviews, risk assessment, etc.)

- Develop a collaborative partnership directly with the customer(s), at all levels, to ensure that all customer needs are anticipated and met; will work closely and in partnership with the product management teams.
- Support production through continuous product engineering, problem solving, and warranty reduction.

Conduct validation and verification activities including analysis (calculations and/or FEA), physical testing, design reviews, and risk assessments on new tools to assure form, fit, function and safety.

Qualifications

REQUIRED:

- Bachelor's Degree in Mechanical Engineering, Mechatronics Engineering or related Engineering discipline required.
- 1+ years of relevant mechanical engineering work experience within the Automotive Industry preferred
- 3-D CAD and 2-D Technical Drawing Proficiency including Geometric Dimensioning and Tolerance (GD&T) - Solidworks preferred.
- Demonstrated design skills of mechanical structures and systems utilizing knowledge of similar product, conceptual layouts, and analysis.
- Ability to collaborate and build relationship with customer as well as internal team members.
- Understanding of the product development process, manufacturing methods and processes.
- Proficiency in PC skills; Microsoft Office

PREFERRED:

- Proficient in finite element analysis (FEA) methods/software (static analysis with Solidworks Simulation preferred).
- ERP system experience (SAP a plus).
- Product certification knowledge (PASE, UL, CE, etc.) is strongly preferred.
- Direct customer-facing experience (both individually and as part of internal teams).
- Demonstrated leadership skills (project management, supervision, extracurricular leadership, etc.)
- Desirable if candidate is passionate about cars and interested in maintaining vehicles.

Additional Information

Comprehensive Benefit Offering – All benefits are effective DAY 1!

- Medical, Dental & Vision
- Life and Supplement Life
- Long and Short Term Disability
- Paid Time Off & Holidays
- 401K – with generous company match
- In addition to 401K, additional retirement benefit 100% company paid
- Annual bonuses
- Tuition Assistance
- Paid Volunteer Time
- Associate Discounts on Bosch products like home appliances, power-tools, thermal products like tank-less water heaters and more

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Job Location

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