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# Example of Components Engineer Job Description

Our company is growing rapidly and is looking for a components engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for components engineer

* Review and approve vendor 3D, and 2D drawings
* Work with suppliers directly for product design and testing
* Create test plans for product that meet international, legal, and CSG standards
* Support and follow engineering best practices, establish new best practices as needed
* Evaluate and tune ride performance by field testing and data acquisition
* Establish and maintain relationships with key vendors to develop products that meet project goals, while meeting deadlines
* Travel as needed to support product development and testing
* Check the 1st production models and make sure on time delivery of 1st PO’s
* Design & release of shaft, differential, planetary gear sets and other components for transmissions, axles and driveline programs
* Work with systems engineering team, Ford manufacturing plants and component suppliers to meet program objectives for quality, cost, weight, durability and NVH

## Qualifications for components engineer

* Experience in engineering and development of Chassis systems related to steering, brakes, and/or suspension
* 2+ years of component design or system integration experience
* Strong knowledge of Automotive Upperbody Components
* Demonstrated successful role in delivering Material Cost reductions within automotive area
* 2 years minimum experience in EDS (Electrical Wiring), EDS Components, EE systems
* Knowledge of current carrying capabilities of terminals