

Design and simulation of the TOYOTA Vios 2010 steering system using Inventor software.

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Abstract: This project aims to design and simulate the steering system of the Toyota Vios 2010 to evaluate operational performance and improve vehicle controllability. Through a combination of theoretical research and experimentation, the project uses Inventor software to enable detailed analysis of each steering system component, thereby proposing design optimization solutions. This result not only contributes to the field of automotive engineering but also provides an important database for the future development of automation technology.

Keywords: Steering system, Toyota Vios 2010, Inventor software, Simulation, Design optimization