

Building a 3D model and kinematic simulation of the rear suspension system based on the Ford Focus suspension system.

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Abstract: This topic aims to research and build a 3D model of the rear suspension system on the Ford Focus, with the goal of enhancing understanding of the system's dynamic characteristics. Through a process of theoretical analysis combined with experimentation, the topic will provide optimal solutions to improve vehicle Comfort and Dynamics. The expected outcome of this research is a step forward in the development of modern automotive suspension technology, contributing to the Vietnamese automobile industry.

Keywords: 3D model, suspension system dynamics, Ford Focus, improving comfort and dynamics