

Design and fabrication of a window regulator model for the Toyota Vios 2019 for laboratory practice.

Ngo The Quang

Abstract: This study addresses the necessity of improving the window regulator mechanism for the 2019 Toyota Vios to meet the demands of effective laboratory practice. The main objective is to design and manufacture a complete window regulator mechanism model, while applying theoretical research methods combined with experimentation to ensure the practicality and feasibility of the proposed solution. Through this study, it is hoped to contribute to improving manufacturing techniques and enhancing the quality of practical curricula in the automotive field at universities and technical colleges.

Keywords: Window regulator model, Toyota Vios 2019, Experimental practice, Theoretical research, Experimentation