

Design of the window lift control system for the Toyota Yaris 2013

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Abstract: The research context arises from the practical need to improve the convenience and operational performance of the 2013 Toyota Yaris by designing a new controller for the power window system. The objective of the study is to develop a technical solution that enhances automation capabilities and energy efficiency. The approach includes theoretical research on electronic technologies and programming, combined with experimentation on a physical model. The expected results will bring significant improvements to the driver's user experience and contribute to the sustainable development of the automotive industry.

Keywords: Graduation thesis, Controller, Window lift system, Toyota Yaris 2013, Automation