

Review of: "Design and analysis of hand-break release system with the help of accelerator of automobile vehicle"

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Potential competing interests: No potential competing interests to declare.

The research provides a comprehensive overview of the development of a handbrake release system for automobiles. It covers various aspects of the system, including force calculations, motor requirements, and the use of a gearbox for reducing speed and increasing torque. It also emphasizes the importance of the handbrake in ensuring safety and functionality in vehicles, addressing concerns related to accidental engagement of the handbrake, which can lead to significant damage and potential accidents.

One of the strengths of the research is its extensive coverage of the technical aspects of the handbrake release system, providing detailed calculations and specifications. Additionally, the research includes references to other related research and studies in the field of parking brake systems, demonstrating a thorough review of existing literature.

However, it's important to note that the research does not explicitly mention the methodology used for the design and analysis of the handbrake release system. Providing details about the research methodology and testing procedures would enhance the credibility of the work.

Overall, the research serves as a valuable resource for understanding the design and analysis of handbrake release systems in automobiles, but additional information about the research methodology would further strengthen its credibility.