

Application of G-SCAN machine, fault diagnosis on some passenger car models.

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Abstract: This study focuses on applying G-SCAN technology to develop a fault diagnosis system for popular passenger car models. The current context demands high efficiency and accuracy in automotive maintenance and repair processes. The objective of the research is to build an automatic diagnostic system aimed at reducing inspection time and costs. The approach combines theoretical knowledge of automotive electronics with experiments on specific vehicle models. The expected outcomes of the project not only provide an effective solution for the automotive service industry but also contribute to the development of G-SCAN technology in the field of vehicle care and maintenance.

Keywords: G-SCAN, fault diagnosis, passenger car, automatic system, automotive electronics