

Research on automotive automatic air conditioning systems and development of tests and fault diagnostics.

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Abstract: This topic aims to analyze the demand and necessity of automating the air conditioning system in the field of automotive engineering. The main objective is to develop an optimal solution for controlling car cabin temperature through theoretical and experimental research. During the implementation process, the topic will develop tests and fault diagnostics to ensure the stability and efficiency of the system. The expected result is to provide a solid technological foundation to improve the quality of automotive engineering services and enhance user experience.

Keywords: Automatic air conditioning system, Automobile, Diagnostic testing