

Design of software to support inspection, diagnosis, and repair of the Toyota Vios NCP93 body electrical system.

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Abstract: This topic aims to address the problem of lookup, diagnosis, and repair of the Toyota Vios NCP93 body electrical system through the design of supporting software. The practical context shows a high demand for technical support tools to improve the efficiency of maintenance and repair work. The objective of the topic is to build a software system integrating lookup, diagnosis, and repair guidance functions based on manufacturer data. The research method includes synthesizing technical information from official sources and implementing practical applications to verify effectiveness. The topic is expected to contribute to improving the vehicle maintenance process of service facilities, while enhancing the quality of repair work.

Keywords: Support software, Electrical system diagnosis, Toyota Vios body maintenance