

Research on the inspection and maintenance process of automobile engines and application to the Toyota 3S-FE engine

Nguyen Van Nam

Abstract: This topic aims to study and analyze the inspection and maintenance process of automobile engines, focusing on the Toyota 3S-FE engine. Thereby, the objective is to identify optimal technical requirements to ensure engine performance and durability in actual operation. The approach includes theoretical research combined with direct experimentation on a sample engine. The expected results from this topic will provide valuable information for periodic maintenance activities, contributing to improving service quality at automobile dealerships and reducing operating costs for vehicle owners.

Keywords: Engine inspection, engine maintenance, Toyota 3S-FE, technical procedure, engine performance