

AIR POWERED MINI VEHICLE-MINI CAR

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ABSTRACT

This report contains research on air-powered mini vehicle-mini car and the construction of an air powered mini car. This report is separated into four difference chapters, each chapter which is included in this report discourse about difference things and aspects of the project.

In chapter 1, the history about mini car will be discussed. All the importance point that had been done by research on the internet or by reference to any book will be listed down so that viewer had a better understanding about the project.

In chapter 2, the theory and information about the power source-impact wrench will be debated. Detail about the torque, speed, working pressure will be listed down. Information about how impact wrench function will also be clarifies in the report.

In chapter3, design concept of the mini car will be expounded. The feature of the design including full chassis dimension and chassis design theory will too be comprised. Advantages and disadvantages of several design chassis will be elucidate in this chapter.

In chapter 4, a step by step process on the construction of a mini car will be presented in the report too. The process including fabricating, fitting, welding and testing of the mini car is also contained in the report.