

PRIMARY DESIGN AIR COMPRESSOR FOR FORCE  
INDUCTION ENGINE TO BE REPLACE  
TURBOCHARGER OR SUPERCHARGER SYSTEM


AHMAD FATHAN BIN M SALEH @ MOHD NAWI  
(2003288689)

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Faculty of Mechanical Engineering  
Universiti Teknologi Mara (UiTM)

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“I declared that thesis is the result of my own work except the ideas and summaries which I have clarified their sources. The thesis has not been accepted for any degree and is not concurrently submitted in candidature of any degree”

Signed :  .....  
Date : 7/12/06 .....

**Ahmad Fathan Bin M Saleh @ Mohd Nawi**

UiTM NO: 2003288689

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## **ABSTRACT**

Forced induction system has been widely used in automotive application through an internal combustion engine .In this design of an air compressor which include storage tank that will helps efficiently on compressed air supplied by air compressors. The air compressors which supply the compressed air to the engine can provide the combustion efficient and increase the horsepower. These air compressors may be electrically and/or mechanically driven. An air storage tank working principle is to store the compressed air and provide a rapid compressed air to the combustion chamber.

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