FINAL PROJECT REPORT

AIR CHARGING SYSTEM TO A SPARK IGNITION ENGINE TO HELP COMPLETE COMBUSTION DURING THE VEHICLE CLIMBING UP A HILL

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NOVEMBER 1999

ABSTRACT

The objective of this project is to upgrade the performance of the vehicle during climbing up a hill.

The air charging system is a new alternative system which help the engine to complete combustion during climbing up a hill in this system we only specified into the S.I engine, using a carburetor, and four stroke engine. The useful of an air charging system is when a vehicle go to climb up a hill, it help to maintain the air fuel ratio to complete the combustion.

We got the information about this project from many available resources like service centre, workshop, internet, foreman, lecturers, and libraries. We also study on the S.I engine, four stroke engine, air fuel ratio, and vehicle performance.

Lastly, if we could done well in this project, we will try to sell it to the automobile company and this will embolden to the other engineers.

ACKNOWLEDGMENT

In the name of Allah (SWT), the most Beneficent and most Merciful.

Firstly and above all, thank you God because we would not have done this without your guiding light.

We would like to take this opportunity to wish our thanks and appreciation for these involved either directly or indirectly in completing this project.

We are especially indepted to Dr. Rahim Atan, our project advisor for being so supportive and understanding. It would not have been possible for us to complete this project if not his kind consideration in accepting his advise.

We wish to record also our heartfelt thanks and appreciation to technical assistant Mr. Sulaiman, Mr. Sharif and others for helping us in conducting this project.

Our up most thanks to our families, there are no words that can replace the support, sacrifice and encouragement.

Last but not least, to our colleges, friends and respected lecturer who are involve this project. We owe you a great deal.

Thank you.

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