

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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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.

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