

EXHAUST AIR ENERGY RECOVERY SYSTEM FOR A CAR

Prepared by: Arunnvinthan Rajendram

ABSTRACT

This project is about Exhaust Air Energy Recovery System for a Car where the product of combustion, mainly the heat energy has to be reused to harness electrical energy. This report consists of how the electricity is generated from the exhaust air of a car. Some calculation has been done to determine the relationship between the exhaust air and electricity. A greater pin was placed on the electricity generated with other variables throughout the whole project.

However, in this project the prototype of the system was the main objective. Whereby, without finishing the system the calculation and the relationship cannot be determined. Other than that, it also consists of the materials used in my project. This report explains how electricity is harnessed from the exhaust air.

Diagrams and picture have been attached to give a better idea, to make others understand easily the content of the project and also how it is functions.