

Vehicle Condition Monitoring and Display System

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ABSTRACT

In the midst of entering an industrialized country, transport plays a major part reaching Vision 2020. After the census conducted a couple of years ago, the research polls show that every household has an average of two vehicles. Since safety is the prime factor everyone looks out for, but how many road users actually retain the idea of “safety comes first” when driving? Having so, the title of my project focus on the wellbeing of these vehicles, with the following report specializes on Vehicle Condition Monitoring and Display System. Now, how will the first part of my project able to reduce the accidents? And how will the second part of my project better than the current speedometer used by the vehicle industries?

The content of the first part of my project, the vehicle light monitor, contains the construction, the development, the circuit diagram; along with explanation, list of component together with description and functions, problems encountered and finally solutions to remedy them. For the second part which is the digital speedometer, the content has the concept of digital speedometer and the description of the main component that is the variable reluctance sensor.