

AUTOMATIC BRAKING SYSTEM

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ABSTRACT

The title of my project is Automatic Braking System. The automatic brake system applied in vehicle such as truck and car. User can manually activate this system. Since this system is manually activated by user so when user does not activate this system this system will not help the user when necessary. This automatic brake system is prime use in condition that the driver's eyesight is short. This system will automatic or decelerate the car if there has any object like other car and vehicle depend on the car distance between both cars.

This idea is come from the newspaper firstly. Because of in such condition that we cannot react on time just to prevent accident. Normally this kind of condition cause by heavy rain, haze and snowing. Just an example in Unite States, we can get to know there are always occur massive accident in high way. This kind of massive accident normally cause more than hundred cars collide together. When they have massive collision in highway this because of after they see the collision but they no time to react and stop the car on time so this is one of those factor cause accident. Another factor is they speeding in their highways. The speed limit normally goes to 100 miles per hour (about 160 km per hour). So I hope my system can help them. I as a car driver for 3 years experience, so time on the road we cannot prevent accident to occur. This may due to human reaction slow.

In my project paper, I will illustrate the big picture about my design through vary sources as diverse as pictures, diagrams, and tables. It also will enable you to aware the purpose and objectives by installing my design project into car. My report is going to bring you a list of electronics components, circuit diagram, appendix, details about various ways to install into car. In other word, I must choose the suitable electronics components to carry out the work and task smoothly.

Ultimately, I wish I would bring the best of mine to those who read my report. And my report will help those who wanted to know how it actually works and understand more about my Automatic Braking System.