

TO IMPROVE THE AUTOMATIC CAR WASHING MACHINE

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ABSTRACT

This project paper is concerning with the idea to constructing and improving the currently available automatic car wash machine. The system is constructing by applying the electrical control pump that work in line with the PLC control system, with focusing on zero contact to the vehicle.

The system is different from the currently available market product, which operates with the combination of motors and various cylinders in pneumatic control.

The content of this paper starting with the idea of how a nowadays automatic car wash system operates and the disadvantages follows by the advantages of the newly designed and improved system.

The layout and 3D view of this system have been drawn using the AutoCAD 2000 software. The system is the combination computing technology and PLC control system, mechanical system and certain electronic circuit. All relevant data and design information of various engineering field have been included in this paper.

We sincerely hope that with the past experience and the information and studies we had made in this project can benefit future research who wish to make improvement and proceed in this topic.