

ABSTRACT

AUTOMATIC TIRE INFLATION AND DEFLATION SYSTEM

The main aim of our project is to develop a “Automatic tyre inflation and deflation system”. This can be placed in all automobiles while long drives and that can be utilized while climbing uphill or down hills. It is very necessary for the every automobile to be cautious while driving through long distances. So we have fabricated this machine to fill the air automatically by using control units. In this project main function is suddenly the air is decreased to the automobile vehicles the sensor signal alerted to the person when the use of air tank to fill the air in the tyre. Then the air pressure is increased to the tyre in the vehicle it is same as the process of indicating the sensor signal through the person when the use of solenoid valve to reduce the excess air in the tyre