

Design and Fabrication of Seat Belt Assisted Hand Brake Lever

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Abstract: *Hand brake is one of the most important components in vehicles. In general, the hand brake is operated manually. In our project we are developing hand brake when Seat belt is not acquired off for safety purpose. A Major causes of death in road accidents are carelessness in safety while driving. In 2012, more than half of all people who died on Utah's roadways weren't buckled. Hence wearing seat belts might have reduced serious crash related injuries and saved life. Hence "Driver Assistive Safety System" (DASS) comprises of techniques which inculcate the mandatory safety precautions via ignition. This project describes safety system which ensures that the driver and co-passenger wear safety seat belt while driving a car. The driver assistive safety system works on 'HAND BRAKE REALESE' concept.*

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