

# Ignition Switch Operated Parking Brake System

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**Abstract:** In this earth of mechatronics and automation different systems have been undergone growth just to get changed to other form the time and to do with man error. The made automatic braking system is a part of mechatronics. Presently the vehicle has danger sign system for supporting the safe distance between moving vehicle. When the vehicle gets too close to the thing, the danger sign is put into motion this gives suggestion to the person driving about a thing. But this point has many questions and is with a tendency to do with man error. We have brought the building by using the same sensor system but with the made automatic braking system which keeps inside limits the in the back direction motion of the vehicle. Our purpose is to design the system which can keep away from the error in changing back the weighty amount vehicles like trucks, buses and all the vehicles made up of pneumatic braking system. For this purpose, we have undergone growth a scaled copy which automatic braking for four-wheeler when lock the firing up get onto another line and giving when on the firing up get onto another line. Now the undertaking mainly gets, comes together at one point on designing a right operating system. To support simplex and interests, money, goods work in society in the design the locally made unit has been used.

**Keywords:** Handbrake, automation, safety.

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