

Car key detector

Abstract:

Keys are usually easily misplaced, be it car keys, apartment keys, or any other key in your possession we almost always find ourselves misplacing our keys.

To address the issue with car keys where there is a wild card where one might find themselves being locked out of their own vehicle. The motive is to place sensors all over the car so that we can help make sure that we don't lock ourselves out with the keys inside of the car.

We can place a sensor inside the key which acts like a repellent that repels the car doors from locking automatically when the key is inside of the car and when the engine is off.

Problem statement:

Nowadays we often tend to be forgetful about things, as it turns out most people forget that they've put their keys inside the car and lock themselves out.

This happens to be a really concerning issue since a vehicle has inevitably become a big part of our life like it or not. We misplace our keys way to often and it does not serve well all the time. Losing your keys elsewhere is one but being locked out of your own car is another.

In most cases as with cars being locked out of your apartments and houses is also a big issue these days. We almost always do not have a spare key to the place which makes it even harder and you'd have to go through so much more in order to set things right.

Block diagram:

