

Individual Project Proposal

I would like to design a system with **Vehicle Key Memory** and an incorporated alarm system. The key memory system would work as follow:
There will be two keys for the vehicle and each key would store information about the position of the steering wheel, rear view mirrors, seat position, headset position (seat position and headrest position of the driver's seat) and the Stereo settings from the time the key is taken out from the steering wheel column. When the driver uses a particular key to open door the adjustments would be made to steering wheel, mirrors, seats and the stereo from the settings stored in the key memory.

Optionally if possible I will try to incorporate and alarm which would go off if the car is not opened with the keys of there is any impact on the vehicle. The alarm would be turned of by inserting one the keys in driver side door lock.

This idea was taken from the system that BMW uses in its cars, but for implementing this in the project for 120, this idea is copyrighted by me.

Dr Quinn this is open for any suggestions from you.

make sure that you show some type of motion of the various devices while they are repositioning themselves.

