

practice, a time delay of 30 seconds was chosen for the R_1C_1 time constant. R_2C_2 was chosen to be 15 seconds, and R_3C_3 is 300 seconds. Either a relay or an npn transistor may be used to trigger the horn relay in the car, depending on how much current must be controlled;

both these alternative output circuits are shown in the diagram. Since only two C-MOS ICs are used, the circuit fits easily on a small circuit board and mounts under the dash. If the trunk or hood switch is paralleled with the door switches, then it too will trip the alarm.