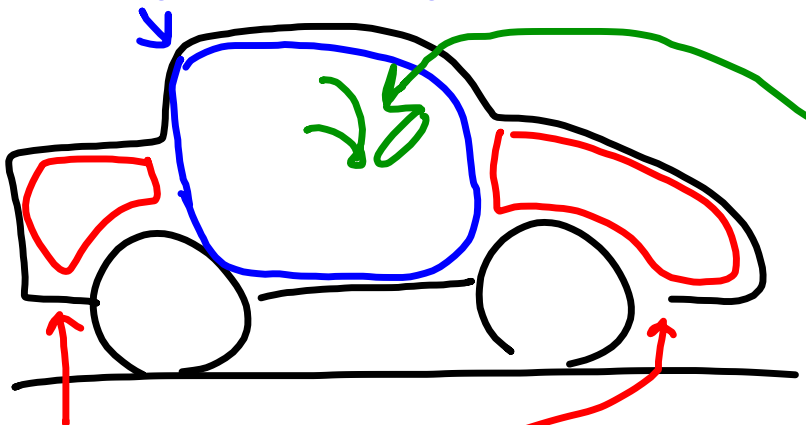


## Safe Vehicle Design

### Safety Cage

- designed strong to prevent passengers from being crushed.



### Restraint & Cushioning

- designed to keep passengers in place and cushion to increase time & reduce force.

### Crumple Zones

- designed to crush to increase time & reduce force.

## Older Vehicles



- no crumple zones (same crush of front, rear and passenger compartment.)
- seatbelts not mandatory until 1968 (and then only lap belts at first.)
- doors can fly open in a crash.
- dashboard, steering wheel & rear view mirror were hazards!