

2/10 of a second

- The hood crumples as it rises, smashing into the windshield.
 - Spinning rear wheels leave the ground.
- The fenders come into contact with the tree, forcing the rear parts out over the front doors.
- The heavy structural members of the car begin to act as a brake on the terrific forward momentum of the 2 1/2 ton car.
 - But the driver's body continues to move forward at the vehicle's original speed (20 times the normal force of gravity, his body weighs 3,200 pounds.)
 - His legs ramrod straight, snap at the knee joints.