

Seg 1



**ASSIGN
BUSTER**

3 guidelines for assessing risk: consider chances, identify alternatives, prepare to change.

List 4 characteristics of risk: always present, affected by all, perceived differs from actual, manageable.

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How long does it take a new driver to reach ability of average experienced driver? 5 years.

Each year, approximately how many people are killed in motor-vehicle related collisions in the US? 40,000.

What percent of crashes are caused by driver error? 90%.

More than how many percent of all vehicle-occupant fatalities occur in single-vehicle crashes? 50%.

How to safely approach the vehicle. Have keys in hand, be alert, search for movement, make sure others can see you, if parked by curb, face traffic.

Explain helpfulness of seatbelt: Keeps you in place and slows rate of deceleration.

Optimal seating position behind steering wheel: Comfortable, upright position, squarely behind wheel.

How often should pre-driving checks be performed? Every time you drive. Under normal conditions, checks under hood should be performed how often? At least once a month or as recommended in manual.

In vehicles equipped with driver's-side airbag, sitting closer than how many inches from the wheel increases chance of injury in a crash? 10.

Identify a planned path of travel how long ahead? 12-15 seconds.

Under most conditions a minimum following distance of what will enable you to adjust speed or position appropriately. 3-4 seconds.

if speed goes from 20-49 distance needed to stop increases by 4 when braking hard.

weight of car noticeably shifts to the front when turning right the contact patches of the what will increase in size? left tires.

when starting engine, release the key when? as soon as the engine starts.

This is used to maintain

slow forward motion or allowing speed to increase gradually with minimum weight shift
 Light Acceleration total stopping time is made up of reaction time, braking time, and perception time
 ABS help drivers maintain steering control under hard braking. benefits of braking in straight line helps maximize tire's contact patches. Railroad advance warning signs are yellow and round
 and odd-numbered interstate using a single or double digit number indicates a route that runs north and south
 a solid yellow line on your side of road means you can't pass
 solid white lines are used to mark right edge of highway
 info communicated by green sign color
 go when clear info communicated by yellow sign color
 right of way is expiring info communicated by red sign color
 stop before crosswalk info communicated by blue sign color
 guide info communicated by brown sign color
 rec/cultural interest info communicated by orange sign color
 temporary work zone 4 signs/roadway markings used w reversible lanes
 red x, green arrow, steady and blinking yellow x. What laws are designed to help drivers understand who should go first? Right of way
 A certificate of motor vehicle title demonstrates proof of ownership
 Central Vision objects and conditions fringe vision depth and position peripheral vision color and motion
 stopping zone distance 4-5 seconds
 size of space margin depends on speed, width, and maneuvers
 when preparing to turn you should complete braking before turning steering wheel
 when reversing direction you should consider traffic density, speed, and visibility
 when parking uphill w a curb you should turn the front wheels away from curb
 primary challenge in driving manual transmission is learning to release clutch smoothly
 point at which engine begins to move car as clutch is released is called friction point
 when shifting gears you should look along intended path of travel
 when shifting gears you should press the clutch all the

way to the floor coming together or blending of vehicles to maintain a smooth
uninterrupted flow merging what percent of collisions involve some form of
driver inattention 80 overall risk of a collision while using a cellphone
increases by 400%