

THE RISK OF OBJECTS INSIDE THE VEHICLE BECOMING PROJECTILES
QUICK FACTS

What are the dangers of loose objects in vehicles?

- When a car crashes at high speed one of the **greatest dangers comes from loose items** thrown around the cabin
- When a car stops suddenly in a crash, objects inside keep moving and can **impact at up to 20 times the force of gravity**. A 1 litre water bottle carries the force of a 20kg object.



Source: https://www.mynrma.com.au/media/in_CAR_SAFETY_1.pdf

Examples of objects that should not be left loose are:



Grocery bags



Water bottles



Brief cases



Back packs



Camera



Tool box



Books

Source: <http://curielandrunion.com/injuries-from-unsecured-objects/>

Unrestrained passengers in a vehicle

Unrestrained passengers in a vehicle can also become projectiles in the car. If you are in a car crash, your chance of fatality **increases by as much as 25%** when another person in the same car is not strapped in.

Source: <https://abcnews.go.com/GMA/story?id=1280628page=1>



Tips

- Stow things in your **glove box or centre console** so that they are easily accessible
- Large or heavy items should be **stored in the boot**
- If you have a hatch back or station-wagon, invest in a **cargo barrier and high quality nets or tie down straps**.

