

# BCAA CPS Educator II Course



## Misuse

# Common Misuse



## Chest clip is too low

Chest clip should be secured level with the armpit

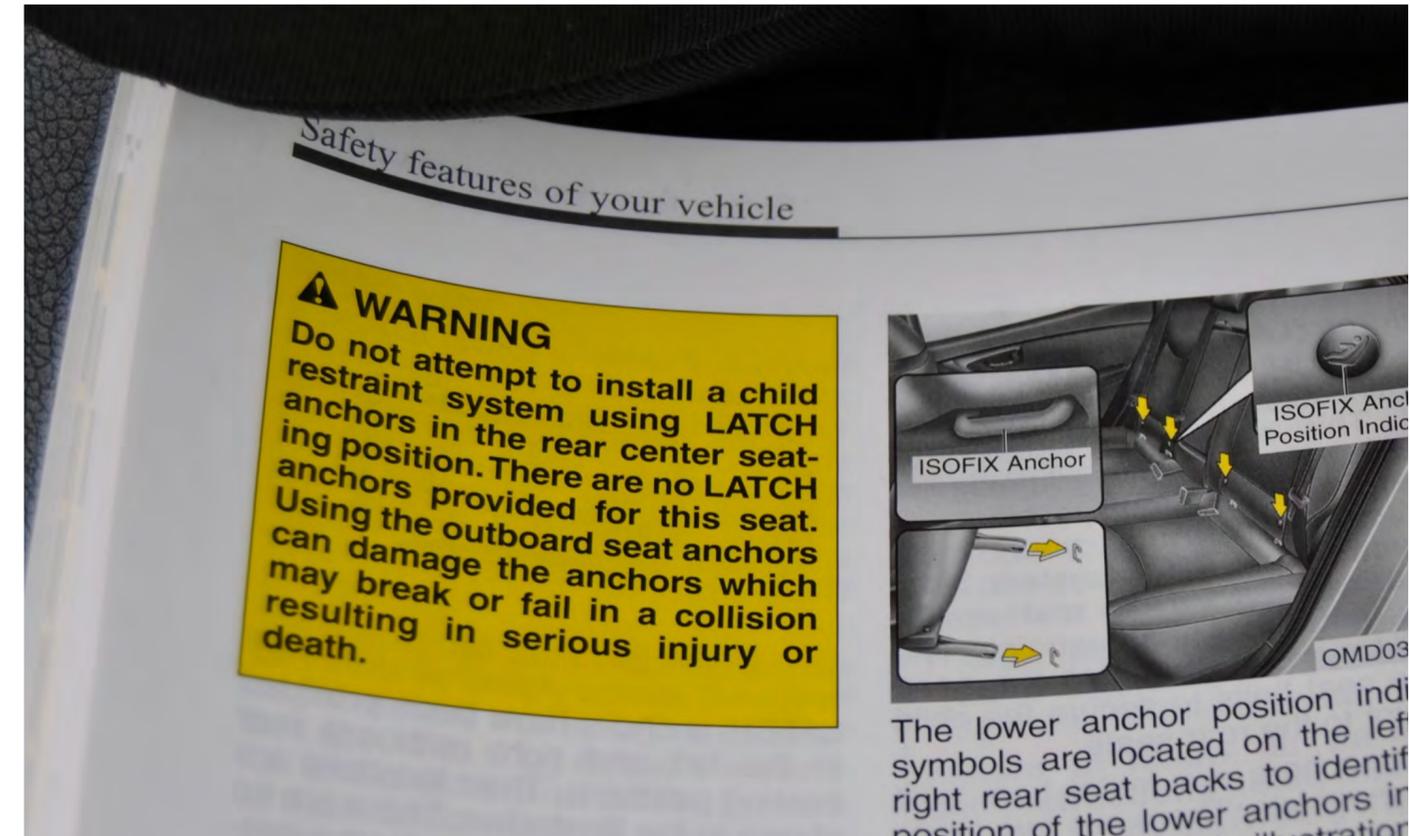
Without the chest clip correctly secured, the harness can be out of position when a crash occurs leading to the child being ejected from the car seat.



Wrong belt path for rear-facing

Seatbelt goes through the path closest to the back of the vehicle seat

With the seatbelt in this location, this car seat could flip forward on impact causing serious injury to the child.



UAS not allowed in the rear middle seat

The vehicle owner's manual warns that the middle seating position must not be used with the UAS (also called a LATCH).



- Harness loose
- Chest clip not secured

Harness should be snug – 1 finger between harness and collarbone.

With the harness loose this child could be ejected from the car seat

Chest clip should be secured at armpit level. Without the chest clip correctly secured, the harness can be out of position when a crash occurs leading to the child being ejected from the car seat.

## Harness below shoulders



Harness should be above shoulders for forward-facing to keep the child in the seat during a crash.

# Gross Misuse

An unrestrained child or anything that renders  
a child restraint useless

## Infant seat forward-facing

This seat is rear-facing only

This baby could be seriously injured because:

- She is too young to withstand the forces from the crash to the front of her body.
- The infant seat could flip forward on impact



# No restraints

All these passengers could be seriously injured:

- The child on the left would be thrown around inside or ejected from the vehicle
- The adult on the right will not be able to hold the baby resulting in the baby being thrown around inside the vehicle or ejected
- The adult is not wearing a shoulder belt so could be seriously injured or ejected



## Sharing a seatbelt

This can cause serious injuries from

- Children colliding with each other
- One or both children being ejected
- The lap belt only



# Booster seat with lap belt and no shoulder belt

Using a lap belt only can cause  
serious internal and spinal  
injuries



## Rear-facing in front of an airbag

This crash test was set up to show what happens during a crash when a rear-facing car seat is positioned in front of an airbag when it deploys.

A weighted, proportional doll was used.

The doll broke apart and the infant seat was destroyed

