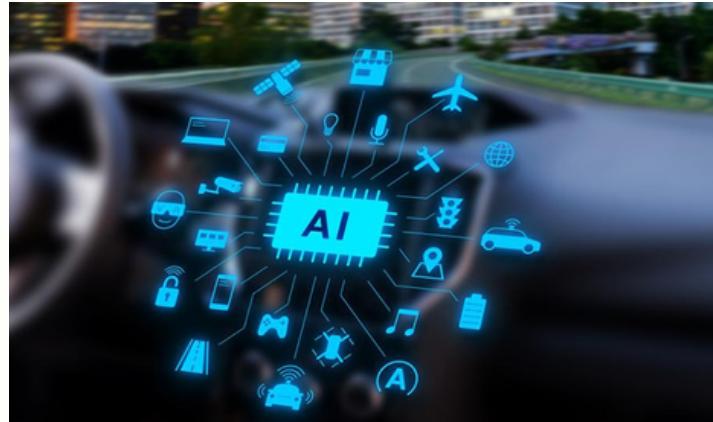


CHILD RESTRAINT SYSTEM HISTORY



Some creative inventions on cars

- 1957 Electric Power Steering, Electronic Brake
- 1958 Cruise Control
- 1959 3-Point Harness
- 1971 Anti-lock Braking System
- 1988 Airbag
- 2000 Global Positioning System
- 2003 Active Parking Assist
- 2010 Driver assist features
- 2020 Self-driving car

Safe seat for children in car is taken care of early on.

The child's car seat is initially simple to lift the child up, so that the child can look out the window and limit the child's movements in the car.

By 1933, the Bunny Bear Company had produced a basic booster seat, a child-specific recliner seat in the back seat to make it easier for drivers to observe younger.

In the 1940s, inventors built fabric chairs with metal frames attached to the front seats of cars for children to see more broadly through the glass in front of the car.

At this time, the safety of children was not focused, until 1959, the 3-point Harness was invented and widely used in cars, then the inventors were interested in the safety of children.



In 1962, a rear-facing child seat was introduced with a Y-strap to hold the child in the event of a crash. And was filed two patents in London in 1965 for a 5-point seat belt - similar to today's models.

Leonard Rivkin, an entrepreneur and civil engineer, designed a booster chair with an iron frame that uses a 5-point harness system.

In 1964, Swedish professor Bertil Aldman realized the protective effect of rear-facing car seats after watching an American television program showing the locations of astronauts in the Gemini space capsule. He designed the first child car seat facing the back of a car.

CHILD RESTRAINT SYSTEM HISTORY



TRƯỜNG ĐẠI HỌC
Y TẾ CÔNG CỘNG
HANOI UNIVERSITY OF PUBLIC HEALTH



GLOBAL
ROAD SAFETY
PARTNERSHIP

The development of "safe car seats for children" products

In 1968, Automakers began to participate in the development of a line of child-safe car seats with the first car seats designed to withstand collisions. Ford đã phát triển Tot-Guard và General Motors đã phát triển Ghế tình yêu cho Trẻ mới biết đi, sau đó nhanh chóng là Ghế tình yêu cho trẻ sơ sinh GM (ghế an toàn đầu tiên chỉ quay mặt về phía sau) rồi đến ghế mui trần Bobby Mac



The locking system (LATCH) was first introduced in 1995 in the United States



The LATCH system was put into the car. A new federal rule requires automakers to include a complete system for all cars in 2003. These are lower anchor points and top anchor points to improve the ease of installation and seat stability if a car is in an crash.

Child restraint system types

Experts, manufacturers and legal regulations continue to improve, Child restraint systems are improved to ensure better child safety.

There are 4 types of seats and seat belts for children: Rear-facing crib chairs, forward-facing chairs, booster seat, and seat belts.

Today, child car seats are a mandatory means of protection in many countries around the world, and regulations vary by country, age, weight, but this is a measure to ensure the safety of children when traveling in cars with adults.



Thông tin tổng hợp và biên soạn từ saferide4kids.com

TRUNG TÂM NGHIÊN CỨU CHÍNH SÁCH VÀ PHÒNG CHỐNG CHẨN THƯƠNG - ĐẠI HỌC Y TẾ CÔNG CỘNG

Số 1A đường Đức Thắng, Phường Đức Thắng, Bắc Từ Liêm, Hà Nội

(84-24) 626662325

/cippr/huph.edu.vn

#childrestrainsystemsvietnam

/ThietbiantoantrenotochotreemVietNam

/safevietnam.org.vn