

Title 67: Chapter 171 School Buses and School Vehicles

• School: An institution for the education or training of children, including but not limited to kindergartens, rehabilitation centers, day care centers, Head Start centers, group day care homes, family day care homes and summer camps.

Title 67: Chapter 171 School Buses and School Vehicles

 School Vehicle: A motor vehicle, except a motorcycle, designed for carrying no more than ten passengers, including the driver, and used for the transportation of preprimary, primary or secondary school students while registered by or under contract to a school district or private or parochial school.

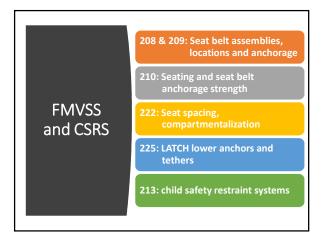
• Vehicle would need to comply with Vehicle Code: Title 75

Title 67: Chapter 171 School Buses and School Vehicles

School Bus: A motor vehicle designed to carry 11
passengers or more, including the driver, and used for
the transportation of preprimary, primary or secondary
school students to or from public; private or parochial
schools or events related to these schools or schoolrelated activities.

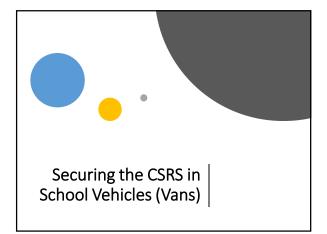
Title 67: Chapter 171 School Buses and School Vehicles

- Restraining Devices: Drivers of school vehicles that are required to comply with the requirements of 75: 4581 (relating to child passenger restraints) and the Department's regulation implementing those requirements.
- Seat Belts: Passengers and drivers in vehicles that are equipped with seat belts shall be required to wear them whenever the vehicle is in motion.



NHTSA Guidelines for Safe Transportation of Preschool Age Children in School Buses

- Transport CSRS suitable for the child's weight and age
- Properly secure child in the CSRS.
- CSRS should be properly secured to the school bus seat, using anchorages that meet FMVSSs.
- Bus attendant should assist the driver
- Regular cleaning and inspection
- CSRSs should be in front of bus
- 39 inch seats = 2 CSRSs; less than 39 inches = 1 CSRS
- 39 inch seats or more = 3 vests that attach using cam wraps



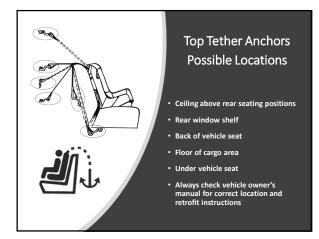


A WARNING

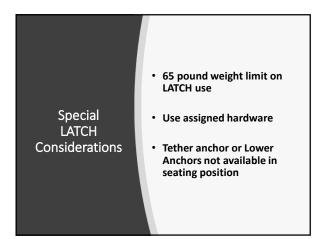
Review Air Bag Warnings

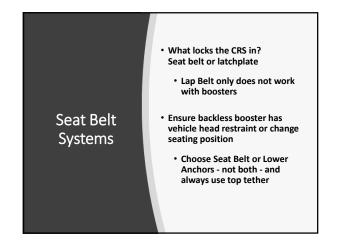
- Always on sun visor
- Sometimes on airbag cover and inside door
- Sometimes on safety belt or vehicle seat
 Can be almost anywhere
- Check vehicle owner's manual for allowed front seat passengers



















AAP Guidelines

 All infants and toddlers should ride in a rear-facing car safety seat until they reach the highest weight or height allowed by their car seat's manufacturer (2018).

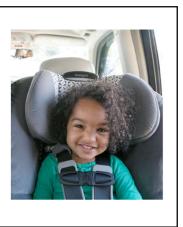
 Children who have outgrown the rear-facing weight or height limit for their car safety seat, should use a forward-facing car safety seat with a harness for as long as possible, up to the highest weight or height allowed by their car safety seat's manufacturer.

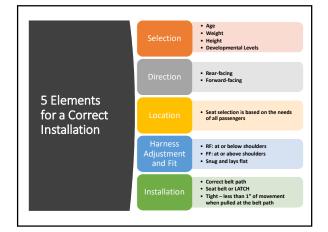
AAP Guidelines

All children whose weight or height is above the forward-facing limit for their car safety seat should use a belt positioning booster seat until the vehicle seat belt fits properly, typically when they have reached 4 feet 9 inches in height and are between 8 - 12 years old.

When children are old enough and large enough to use the vehicle seat belt alone, they should use a lap and shoulder belt.

All children younger than 13 years should be restrained in the rear seat of the vehicle.





Label Information

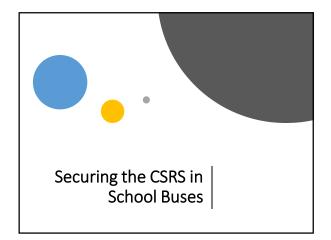
- Weight & size guidelines
- Basic use, installation & warnings
- Air bag warning on rear-facing car seat
- Manufacturer's identification and 213 certification
- Model number & date, expiration date

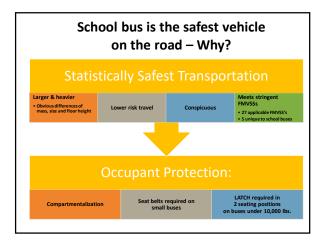


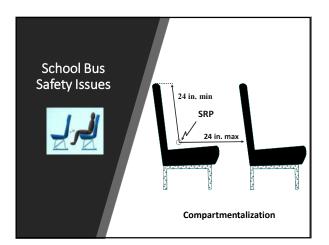


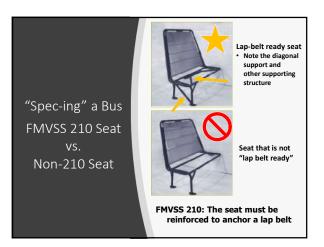


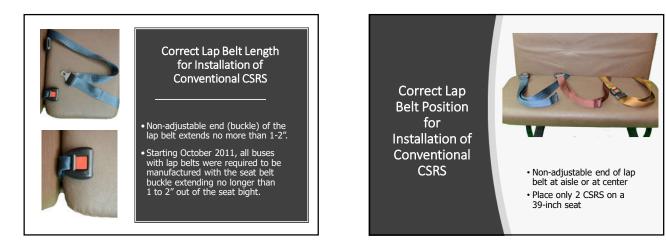


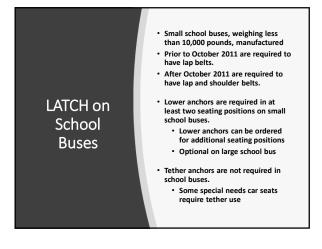


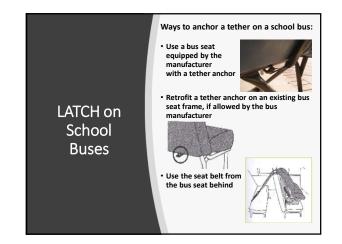


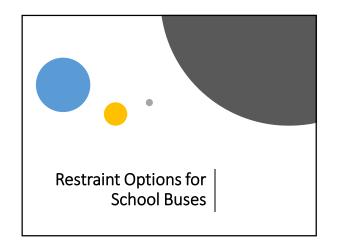












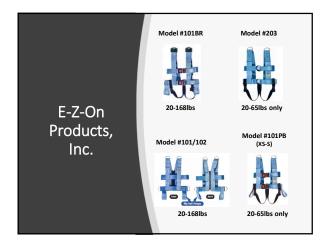


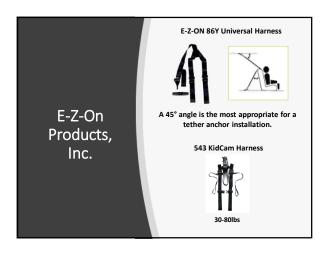














Houdini Max 2 Vest

- -^, Stops even the most persistent fingers from unzipping
- All connector points are not assessible to the passenger
- Dynamically crash tested for passengers 31 168lbs.

SafeGuard Star Seat Products



SafeGuard STAR

FEATURES

- Weight: 25 lbs to 65 lbs / 57 inches
- 5-point restraint quick release buckle • Optional: Chest strap:
- Additional support for passengers
 with disabilities
- Does not require the use of a lap belt or seat belt ready seat
- Flexible positioning base situates the child in the proper restraint position
- Fits high and low back school bus seats
- Compliant with all Federal and Head Start restraint requirements Storage bags and replacement pads are available







Shown with 3 Standard STAR Restraints

SafeGuard STAR Plus

FEATURES

- Weight: • 25 lbs to 90 lbs / 57 inches
- Fits your current high and low back seats
- No lap belts required
- Meets FMVSS requirements
- Compatible with both seat belt-ready and non-seat belt-ready seats



IMMI Integrated Car Seat

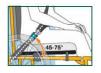
- Forward-facing CSRS with a 5-point harness built into the bus seat.
- Easy shoulder height adjustment.
- Eliminates the need for add-on restraints



When multiple children use the same seat throughout the day....

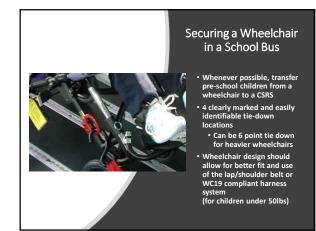
- Always make sure the seat is still tight. (not moving more than an inch side to side or front to back at the belt path)
 Adjust the harnesses between
- children. Always make sure you cannot pinch any extra webbing
- Try to use the same seat for similar sized children to ensure that the harness routing is correct



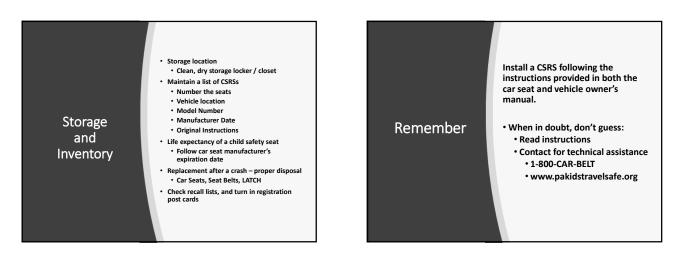


WC19 Wheelchair

- Voluntary standard for crashworthiness that wheelchair manufacturers can test/design
- Use manufacturer's instructions
- Ensure harness with wheelchair is also compliant
- Transportation plan should be on IEP or IFSP







NHTSA Child Passenger Safety Restraint Systems on School Buses

Iopics covered during & nour course: Intro to the Course - School Buses - Seat Belts - Intro to Child Safety Restraint Systems |

Rear-Facing Seats with Practice Installs
 Forward-Facing Seats with Practice Installs
 School Bus Specific CSRS, integrated school
 bus seats, and lap/shoulder belts with
 practice installs

Maintenance, disposal and storage of seats

NHTSA Child Passenger Safety Restraint Systems on School Buses

National Training Intended Audience: School Bus drivers, ionitors, transportation supervisors and bus mechanics as well as Child Passenger Safety Technicians

B-hours course offered by TIPP Staff*: NW Region: Mary Lakari SW Region: Kristen Urso Central Region: Kelly Whitaker NE Region: Cathy Connors SE Region: Teresa Rychlak

> *Contact information available at 1-800-CAR-BELT



| | Rear facing only seats may install better without the base on school bus; move handle into appropriate locked position |
|--------------------------------|---|
| | Wheelchairs should face forward and have 7 points of contact: 4 wheel tie downs, and lap and shoulder belt (or compliant harness) |
| Answering your Questions | Bus behavior needs reinforced by bus driver: when bus is in motion, belts (if on bus) are worn by children |
| | School age children are best protected on a school bus by seat compartmentalization (pre-school age should be in CSRSs) |
| | Belt Shortening Clips are used when seating position has ELR and sewn-on latchplate (mostly older vehicles); can try another seating position first |
| | Best way to educate transportation staff: bring them all together, get hands on seats and buses, and have TIPP provide inservice |

