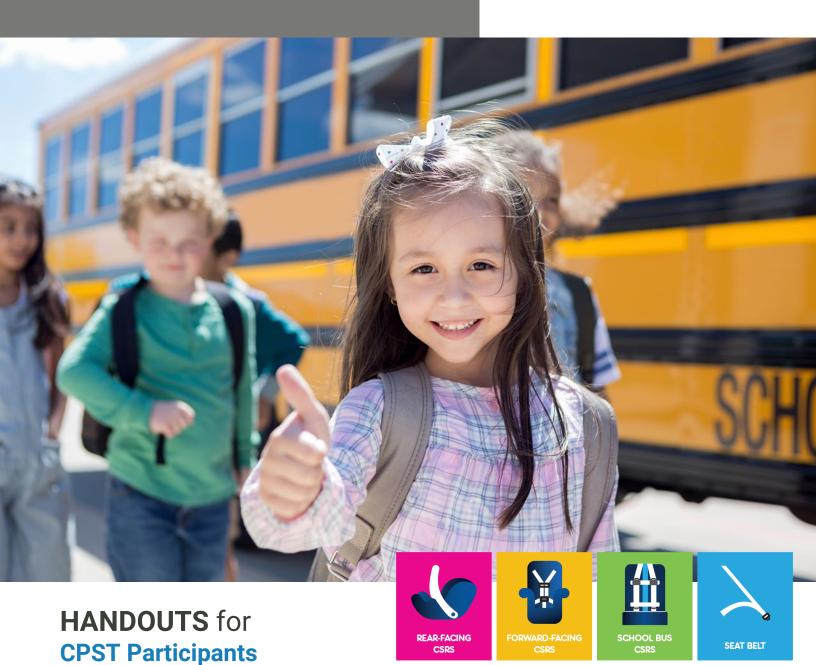
Child Passenger Safety on **School Buses** NATIONAL TRAINING





June 2023

Contents

Handout • Introduction	1
Handout • Identify School Buses	7
Handout • Federal Motor Vehicle Safety Standards	11
Handout • Occupant Protection for Children	17
Handout • Overview of CSRS Use	22
Handout • CSRS with Cam Wraps	26
Handout • CSRS and Students with Disabilities	32
Handout • CSRS and Emergency Evacuation	37
Handout • Putting it all Together	40
Handout • Serving as a Community Resource	42



Handout • Introduction

COURSE RESOURCES

- School bus-related resources that support this training are available online. Bookmark the following web page for future reference. The Child Occupant Protection Glossary is available on this site.
 - cpsboard.org/school-bus

TERMINOLOGY

- In the school bus industry, child restraints are referred to as Child Safety Restraint Systems or CSRS.
- **Children with disabilities**: Use person-first terminology. State the "child" first and then add the disability (i.e., a "child with Down Syndrome" rather than a "Down Syndrome child").
 - Terminology changes as society changes. The term "special needs" is less-used today, with government and social agencies updating their terminology to say "children with disabilities" and "accommodation for needs" in place of "special needs."
- Head Start and Early Head Start. Head Start is a federal preschool program that serves children ages 3 to 5. Early Head Start serves children from 6 weeks through age 2.

LAWS AND GUIDELINES

Who establishes occupant protection laws for children?

Federal Government

- NHTSA Guideline for the Safe Transportation of Pre-school Age Children in School Buses was issued in 1999, based on NHTSA testing of preschool-size dummies seated on school bus seating.
- The guideline states that preschool-age children in a school bus should be properly secured in a CSRS that:
 - Is appropriate for the child's age, weight, height and developmental level.

- Is properly secured to the school bus seat, using anchorages that meet FMVSS.
- one.nhtsa.gov/people/injury/buses/Guide1999/prekfinal.htm
- Head Start program
 - eclkc.ohs.acf.hhs.gov/policy/head-start-program-performance-standardsshowcase/regulations-overview
 - Search "Transportation" to find <u>1303 Subpart F</u>, the performance standards for Head Start transportation.

States

- GHSA (Governor's Highway Safety Association) state child passenger safety laws
 - ghsa.org/state-laws
 - These laws pertain to general transportation of children in the state, and often school bus transportation is exempt. To learn more in your state about laws related to school buses, contact your state's director of pupil transportation.
 - Find a listing of state directors at:
 - nasdpts.org/State-Director-Map

Local

- School District Rules and Policies
 - Contact your local education authorities (LEAs) to learn about the rules and child transportation policies in your area.

CSRS/School Bus Manufacturers

- Manufacturers of CSRS (child safety restraint systems) and buses establish their own use guidelines and instructions while also meeting government requirements.
 - Links to major school bus CSRS manufacturers and school bus vehicle manufacturers are found in the School Bus Resources on <u>cpsboard.org/school-bus</u>.
 - CSRS manufacturer contact information is also supplied on CSRS labels and in instruction manuals.
- NHTSA's car seat Ease-of-Use Ratings let you compare how easy it is to use certain car seat features in passenger vehicles which may provide useful information for certain ease-of-use features of conventional CSRS used on school buses, as well.
 - nhtsa.gov/car-seats-and-booster-seats/car-seat-ease-use-ratings

SCHOOL BUS SAFETY RESOURCES

National Association of State Directors of Pupil Transportation Services (NASDPTS). This organization of state transportation officials provides contact information for each state's transportation director; position statements; and other resources on its website.

nasdpts.org

National Highway Traffic Safety Administration (NHTSA). NHTSA's school bus safety page provides information on school bus regulations, seat belts on school buses, and bus stop safety.

nhtsa.gov/road-safety/school-bus-safety

American School Bus Council (ASBC). This educational site, formed through a collaboration of trade organizations (National Association of Pupil Transportation and National School Transportation Association, NASDPTS, and the major school bus manufacturers), provides information to promote the safety and value of school buses.

americanschoolbuscouncil.org

National Congress on School Transportation (NCST). This organization convenes delegates from each state every five years to maintain the student transportation industry's voluntary set of guidelines. Its website, hosted by NASDPTS, includes a link to the National School Transportation Specification and Procedures document.

nasdpts.org/ncst-nstsp

National Safety Council (NSC). The National Safety Council's page on school bus safety provides safety tips for at the bus stop, around the bus stop, on the bus and getting on/off the bus.

nsc.org/community-safety/safety-topics/school-safety/buses-safest-transportation-forschool-children

Safe Ride News (SRN). Safe Ride News, a publisher of printed and online resources for the child passenger safety field, publishes materials that focus on the safety of preschoolers and children with disabilities on school buses.

saferidenews.com

- School Bus Safety Facts. Through a cooperative agreement with NHTSA, the American School Bus Council developed downloadable resources to help spread the word about school bus ridership—providing well-researched, up-to-date and accurate statistical information. These resources let communities know about the benefits of school bus ridership; informs communities about how to keep children safe in and around the school bus; and lets others know about the ways they can support the school bus in their community.
 - schoolbusfacts.com

The National Association for Pupil Transportation (NAPT). This organization of public and private student transportation service providers is dedicated to operational safety and administrative efficiency of pupil transportation.

napt.org

National School Transportation Association (NSTA). This organization is the leading resource for school transportation solutions and is a membership organization for school bus contract-operators engaged primarily in transporting students to and from school and school-related activities.

vellowbuses.org

- National Conference of State Legislatures (NCSL). This organization represents the legislatures in the states, territories and commonwealths of the U.S. to advance the effectiveness, independence and integrity of legislatures and to foster interstate cooperation and facilitate the exchange of information among legislatures.
 - ncsl.org/transportation/school-bus-safety

PROGRESS CHECK

- What term does the school bus industry use to refer to child restraints on school buses?
- At what ages do children attend Early Head Start? Head Start?

THANK YOU!

The Child Passenger Safety on School Buses National Training was developed from the work of national subject matter experts Denise Donaldson, Susan Shutrump and Charlie Vits. This course would not be possible without their time and expertise.

The Child Passenger Safety on School Buses National

Training curriculum was put together, in part, thanks to the work of countless volunteers. Without their tireless efforts and dedication, this would not have been possible. The CPST community is generous and giving of their time and talents!

This curriculum was created using crowd-sourced images and video footage. Thank you to all of the talented CPSTs and all of the other individuals and organizations who helped us in the producing, acquiring, or posing for the images and videos within the curriculum, and/or who volunteered in some other capacity.

Brynn Anthony

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Meagan Gibson • Wyatt Gibson

Aaron Harris (BESI, Inc.) ● Darlene Hawthorne (Thomashilfen) ● Hans-Georg Höft (Thomashilfen) IMMI/SafeGuard

Woody Johnston

Alisha Kelley

Marilyn Lane • Kyndra Lathim (Adaptive Transportation Needs–Injury Prevention Program: Doernbecher Children's Hospital) • Fred Ligouri (Daimler Truck– Thomas Built Buses) • Riley Loughlin

Miriam Manary • Julie A. Mansfield (CChIPS: Center for Child Injury Prevention Studies-Ohio State University) • Theresa Martinez • Marysville School District • Lourelle McKnight • Shayne Merritt (Merritt Manufacturing) • Charlotte Miller • Shannon Miller • Tate Miller • Anthony Mondello • Jessica Mondello • Suzanne Mueller (IMMI) • Brian Mulligan (IMMI) • Michael Munson • Dave Murphy (HSM) • Mark Murray

Steven Osborne • Marcella Ozanich

John-Paul Paonessa (Freedman Seating Company) • Ernest Paton

Angela Quinn

Rob Ramey • Samuel Regan • Shawn Rohe • Kevin R. Russell Kristina Schukar • Oliver Schukar • Daniel Schwarz • Logan Schwarz • Sue Shutrump • Snohomish School District No. 201 (Transportation Department) • Brittany Swadener (BESI, Inc.)

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Special Thanks...

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Child Volunteers

Our child volunteers have a special place in our hearts as they represent all of the children we do this work for. A special thank you to all of the kids who helped out!

Pilot Course Instructors

* Denotes instructor team lead.

St. Cloud, MN Sheila Denton Kala Henkensiefken* Jes Jensrud Amy Tiedens Dex Tuttle Frisco, TX Fred Doelker Denise Donaldson Kala Henkensiefken Miriam Manary Susan Shutrump* Charlie Vits

Grand Forks, ND

Jennifer Booge* Sheila Denton

Hillsboro, OR

Devery Barber Kyndra Lathim* Michelle Williams

ChampionsGate, FL

Jennifer Booge Denise Donaldson* Woody Johnston Danielle Morris Jackie Stackhouse

Hybrid Field Reviewers

Lori Barry Denise Bertaut Jennifer Booge Julie Brewer Amy Borg Kathleen Clary Cooke Valeria Coffey Denise Donaldson Scott Downing Laura Dunn Susan Ernst Heidi Harper-Berard Kala Henkensiefken Jessi Henkle Woody Johnston Samuel Jones Danielle Kessenger Malissa Lewis Patricia Liedy Miriam Manary Cassidy Miller Lewis Moguin Michelle Nichols Terri O'Brien Stacie Olien Robert Ramey Scotti Reed Kristin Rosenthal Thomas Smith Sue Shutrump Jacqueline Stackhouse Claudia Summers Mandi Summers Adrienne Titus Jean Triest Velvet Tyndall Bridgett Watson Justin Young

School Bus Curriculum

Committee

Jennifer Booge Jessica Butterfield Fred Doelker Denise Donaldson Scott Downing Rob Duckworth Laura Dunn Tammy Franks Sarah Haverstick Kala Henkensiefken Cass Herring Woody Johnston Kyndra Lathim Miriam Manary Danielle Morris Rob Ramey Kristin Rosenthal Mandi Seethaler Sue Shutrump Jackie Stackhouse **Charlie Vits** Ronna Weber Michelle Williams Justin Young

Additional Curriculum

Contributors

Kathy Anneken Kami Archibald Heidi Heflin Janet Lubaszka Joe O'Neil Peggy Stone Beth Warren Paula Waters

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Handout • Identify School Buses

SCHOOL BUS CLASSIFICATION

Not every vehicle that looks like a bus is a school bus. Check the **vehicle certification label**, which should be located inside the bus, above the front window or door. The type should state "school bus" (not simply "bus" or "MPV"—Multi-Purpose Vehicle).

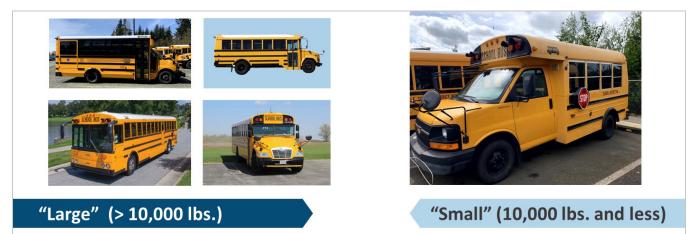
- To be classified as a school bus, a vehicle must meet the many federal safety regulations that apply to these vehicles.
- A multi-function school activity bus (MFSAB) is a school bus that meets all federal requirements for a school bus, except it lacks traffic control devices, like alternating flashing lights and stop arms.
- The mere fact that a vehicle is used by a school does not make it a school bus. When schools use non-school-bus vehicles for student transportation, like vans and SUVs, these are subject to all state laws that apply to child occupants who ride in passenger vehicles.

BUS LABEL EXAMPLES

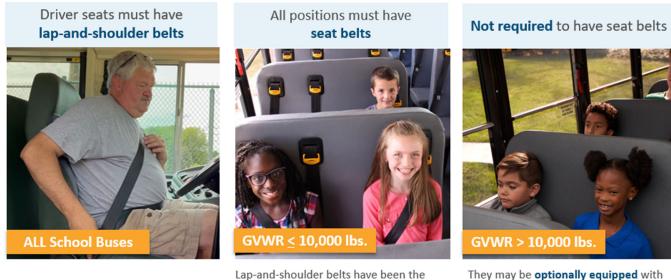
School Bus	Non-School Bus		
WAINEACTURED BY: THIS VEHICLE HAS BEEN COMPLETED IN ACCORDANCE US IN THE PRIOR MANUFACTURERS INCOMPLETED IN ACCORDANCE US IN THE PRIOR MANUFACTURERS INCOMPLETED IN ACCORDANCE US IN THE PRIOR MANUFACTURERS INCOMPLETED IN ACCORDANCE US INTENCE POLICABLE FEDERAL US US INCLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERTER STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL DOTOR VEHICLE SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE SCHERT SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE SCHERT SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE SCHERT SCHERT SCHERT STANDARDS IN FFFECT ONTENCE VEHICLE SCHERT S	Image: State of the state		

SCHOOL BUSES AND GVWR

- While it is not important to know the different school bus types for purposes of installing CSRS in school buses—it is important to know the school bus's gross vehicle weight rating (GVWR).
 - Several different school bus types are shown in the following illustration.
 - To confirm school bus weight information, check the GVWR given on the vehicle certification label.
- GVWR is the maximum loaded weight under which a vehicle can safely operate as prescribed by the manufacturer.



SEAT BELTS ON SCHOOL BUSES



They may be **optionally equipped** with lap belts or lap-and-shoulder belts.

required type since October 2011.

LATCH ON SCHOOL BUSES

School buses are exempt from tether anchor requirements, but school buses of any size may be **optionally equipped** with lower anchors and/or tether anchors.



School buses are exempt from tether anchor requirements.



Since 2003, school buses with a GVWR of **10,000 Ibs. or less must have** a set of lower anchors for two of the bus's seating positions.

Additional positions may optionally be equipped.

MULTI-FUNCTION SCHOOL ACTIVITY BUS (MFSAB)

- A multi-function school activity bus (MFSAB) is a school bus that meets all federal requirements for a school bus, except it lacks traffic control devices, like alternating flashing lights and stop arms.
 - MFSABs may not be used for street pick-up/drop-off of students.
 - It is sometimes hard to distinguish a MFSAB from a non-school bus.
 - Check the vehicle certification label to be sure it states Multi-Function School Activity Bus or MFSAB as the type.



Could be small or large bus.

PROGRESS CHECK

- Where is the vehicle certification label found?
- What is the importance of the vehicle certification label?
- At what GVWR must a school bus be equipped with seat belts?
- What is the difference between a school bus and a multi-function school activity bus?



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Handout • Federal Motor Vehicle Safety Standards

STATE AND LOCAL REQUIREMENTS

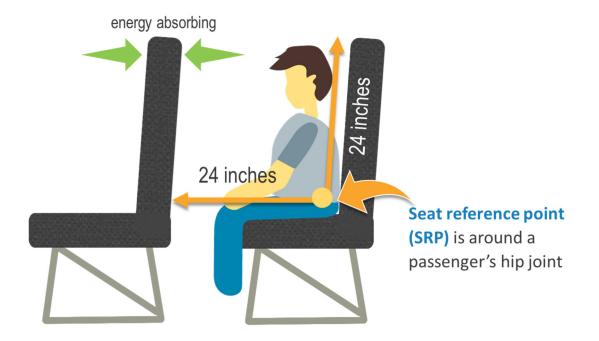
- Does your state, municipality, or district have requirements for seat belts on school buses, in addition to federal standards?
 - Visit the following link to state law information:
 - ncsl.org/transportation/school-bus-safety

FMVSS RELATED TO SCHOOL BUSES AND CSRS



COMPARTMENTALIZATION

NHTSA requirements in FMVSS 222 make certain that school bus seating has the features needed for compartmentalization to provide protection in frontal or rear-end collisions.



Compartmentalization: Row Spacing Options and Trade-Offs

24 inches

Maximum Allowed Spacing Provides space for most CSRS and

leg-room in between rows

Less than 24 inches

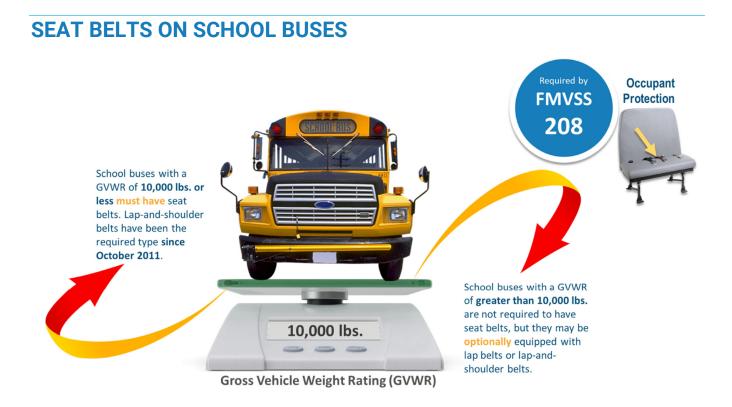
Maximum Capacity Spacing Narrower seat spacing between rows allows for more rows on the school bus





Row Spacing and Rear-Facing CSRS

- When rows are spaced close together it is challenging to find a rear-facing CSRS that will fit properly.
- Row spacing closer together than 24" may not accommodate rear-facing CSRS.



SEAT BELT ASSEMBLIES

FMVSS 209 regulates the component requirements for lap belts and lap-andshoulder belts. Check that seat belts indicate compliance with FMVSS 209.

REINFORCED SEATING

FMVSS 210 regulates occupant protection system anchorage points be adequately strong to withstand crash loads by using reinforced bus seat frames.





SEAT BELT ASSEMBLIES-NON-COMPLIANT RETROFITTING

- Too frequently, school bus seat belts that have been installed through retrofit are noncompliant with FMVSS 209.
- It is important to check for compliance by lifting the bus seat cushion to see how the seat belts are attached.

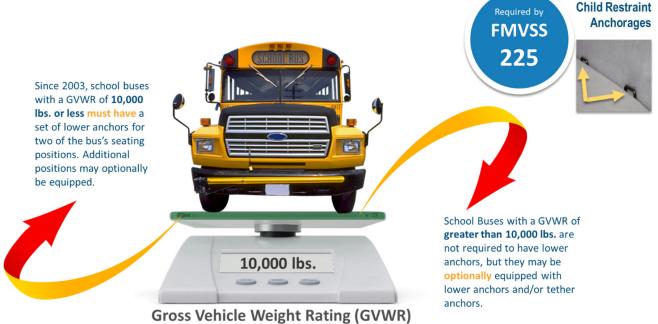


Seat belt that loops around the bus frame



Seat belt knotted around the bus frame

LATCH ON SCHOOL BUSES



oss venicle weight Rating (GVWR)

REPLACEMENT-ENTIRE SCHOOL BUS SEAT

Though existing seating cannot be reinforced, new seating can sometimes be installed into the bus.

- The replacement seating must also meet all federal standards, and the bus's owner and the installer must also ensure that it has been installed according to all applicable FMVSS. Detailed records of these changes need to be kept.
- Replacing an FMVSS 222 school bus seat with one that meets FMVSS 210 is usually quite difficult and costly.



REPLACEMENT-INTERCHANGEABLE SEATBACKS

A better alternative for pupil transportation providers who plan ahead and order reinforced seating is to purchase that which allows the seatback to be easily replaced with versions that have different features.

- For instance, when this type of reinforced seating is present, a plain seatback can be swapped out later with one that has seat belts and/or integrated CSRS.
- This process involves just a few bolts, so the value to pupil transportation providers is that they can easily make relatively inexpensive modifications if their needs change in the future.





PROGRESS CHECK

- Seating that meets FMVSS 222 provides ______ for the occupants, meaning it has regulated row spacing and seatback characteristics.
- FMVSS 213 regulates _____
- Why must a school bus seat with seat belts meet FMVSS 210?

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Handout • Occupant Protection for Children

ON SCHOOL BUSES, SAFETY HAS THREE STAGES



STAGE 1 Rear-facing in a CSRS with a harness

STAGE 2 Forward-facing in a CSRS with a harness

STAGE 3 Riding on a school bus seat, with a seat belt whenever available.

Stage 1 • CSRS For Use Rear-Facing



Rear-Facing Only CSRS



Rear-Facing Convertible CSRS



Stage 2 • CSRS for Use Forward-Facing

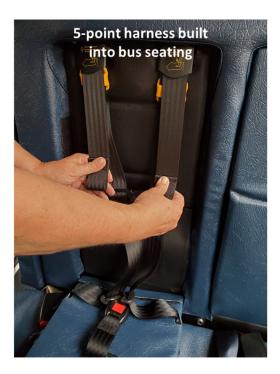
CSRS with a Cam Wrap



- A cam wrap is a CSRS anchorage made of strong, adjustable webbing that wraps vertically around a school bus seatback, through the seat bight.
- CSRS with a cam wrap are designed for use only on a school bus.
- Originally, they were developed specifically to provide options for school buses that don't have other anchorage hardware such as seat belts or LATCH.
- They can be used on any type of school bus seating.

Integrated CSRS





Stage 3 • School Bus Seats and Seat Belts



Why aren't booster seats used on school buses?





Passenger vehicle seats are made for an adult's body.



School bus seats are sized to match kids' bodies.

STAGE 3 Use a Seat Belt, When Possible



- Lap-and-Shoulder belts are move protective than lap belts and are proven to provide better protection in a crash.
- Shoulder-height adjuster should sit at or just above shoulder.

PROGRESS CHECK

- What are the stages of protection for children riding on school buses?
- Why aren't booster seats needed on school buses?
- A cam wrap is an anchorage method used only on a school bus for some CSRS consisting of ______ that _____.
- How do school buses offer occupant protection when seat belts are not present?



NOTES



Handout • Overview of CSRS Use

SCHOOL BUS VIDEO PLAYLIST ON YOUTUBE

- How-to videos for CSRS on school buses are available at the CPS Board YouTube Channel.
 - voutube.com/cpsboard
 - Open the Child Passenger Safety on School Buses playlist.

	sboard 5K subscribers		1					Subscribed <u></u>
HOME	VIDEOS	SHORTS	PLAYLISTS	COMMUNITY	CHANNELS	ABOUT	Q	>
Created playlists								Sort b
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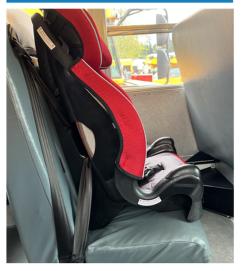
5 STEPS WHEN USING CSRS

SELECTION	Choose the right car seat for the child AND the bus.
DIRECTION	Face the CSRS the right way.
LOCATION	Choose an appropriate location on the bus.
ADJUST/FIT	Adjust the CSRS to fit the child properly.
INSTALLATION	Secure the CSRS to the bus seating.

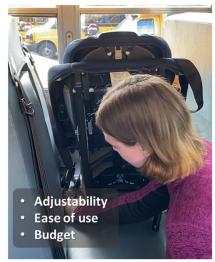
SELECTION BASICS



What fits the **BUS**?



What FEATURES matter?



LOCATION BASICS

Choose a Location That Meets These Criteria



Enable a proper installation

Consider needs and safety of other passengers



Accommodate necessary child supervision



Consider all needs of the child



ENERGENCY EXIT DO NOT BLOCK

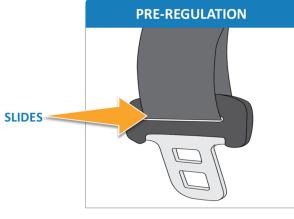
Location and Emergency Evacuation Concerns

Do not use a row with an emergency exit to install a CSRS.

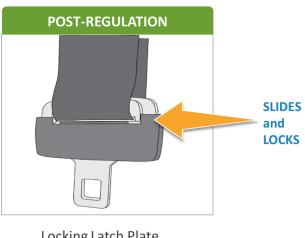


Place a CSRS next to the window if another child sits on the same bench seat.

Location and Emergency Evacuation Concerns



Sliding Latch Plate **BEFORE** 10/2011



Locking Latch Plate
SINCE 10/2011

MAINTENANCE: CLEAN CSRS PROPERLY

- Refer to the CSRS manufacturer's instructions before cleaning a CSRS, and strictly follow the cleaning instructions provided.
- Never use any chemicals (including, but not limited to, starch, bleach, alcohol, etc.) when cleaning CSR, unless permitted explicitly by the CSRS manufacturer.
- Most chemicals weaken CSRS materials including plastic, webbing and buckles. Additionally, chemicals may wash away flame retardancy.
 - In general, use only mild soap and water to clean plastic, fabric and webbing.

- Rinse soap well and allow to thoroughly dry before reassembly and use.
 - Use only water on buckles.
 - Never use soap or lubricate buckles as this can cause them to malfunction.
 - However, do follow instructions to use water to clean buckles if gunk collects inside.
- Only air dray a CSRS harness or other parts made of webbing. Most padding must be air dried, too.
- Never iron webbing.

PROGRESS CHECK

- What five steps of CSRS use should always be considered?
- What is the first thing to consider when selecting a CSRS?







Handout • CSRS with Cam Wraps

WHAT IS A CAM WRAP?

A **CSRS anchorage method** in which strong, adjustable webbing wraps vertically around a school bus seatback (through the seat bight). Webbing that forms a safety restraint for the child is either permanently attached to or hooked onto the cam wrap.



Diagram at right shows a "seat mount" cam wrap with attachment points for a safety vest.

PROS AND CONS OF USING CSRS WITH CAM WRAPS

Cam wraps were made just for school buses, so they have many benefits for usage in this environment. However, there are also a few disadvantages.

PROS

- Lightweight and can easily fit between school bus rows.
- Easy to move and store when not in use.
- Row capacity isn't usually limited. (Most fit three to a 39" bench.)
 - Some may be used on FMVSS 222 seating (if no seat belt or lower anchors needed).
- Some models, in particular safety vests, have features that discourage children from unbuckling and may be an option for children who have behavioral issues.

CONS

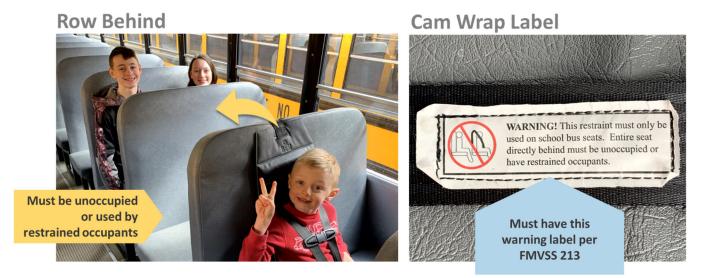
- There is no rear-facing option.
- All models seat the child fully upright.
- Most provide no side support for the child.
- Limits the use of the row behind the CSRS to restrained occupants only.

CSRS WITH CAM WRAP-TYPES

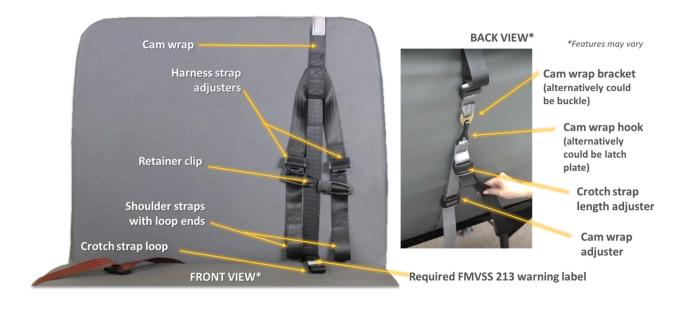
Belt Converters	School Bus Only CSRS	Safety Vests
Belt converter CSRS add upper- body and crotch-strap protection to a lap belt, turning that 2-point form of restraint into a 5-point CSRS.	School bus only CSRS feature a 5-point harness attached to a seatback and cushion. May be installed on any type of school bus seating; seating need not be reinforced as no seat belt is needed.	A safety vest is made up of two parts: a closely fitted 5-point vest made of webbing that encircles the body; and a cam wrap seat mount. Safety vests may be used on any type of bus seating; the seating does not have to be reinforced.
TYPICAL WEIGHT CAPACITIES ¹	TYPICAL WEIGHT CAPACITIES ¹	TYPICAL WEIGHT CAPACITIES ¹
Minimum: 25, 30 or 31 pounds	Minimum: 20 or 25 pounds	Minimum: 20, 31, or 81 pounds
Maximum: 168 pounds	Maximum: 65 or 90 pounds	Maximum: XS/S—85 or 90 pounds M/L—165 or 168 pounds

¹ Check with manufacturer for age minimums, height limits, and options for custom-made sizing. June 2023 • Page 27

REQUIREMENTS FOR CSRS WITH A CAM WRAP USE



BELT CONVERTER-PARTS



SCHOOL BUS ONLY CSRS-PARTS (SINGLE CAM WRAP)



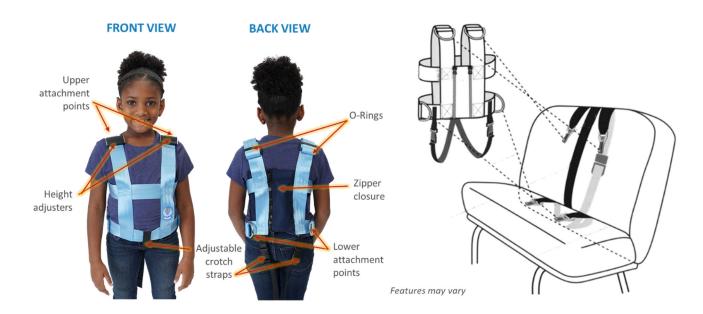
SCHOOL BUS ONLY CSRS-PARTS (DOUBLE CAM WRAP)



SAFETY VEST CSRS-SEAT MOUNT PARTS



SAFETY VEST CSRS-SAFETY VEST PARTS



PROGRESS CHECK

- What types of CSRS attach using a cam wrap?
- Why are cam wraps suitable for use on buses but not other vehicles?
- Which CSRS have the highest occupant weight ratings?
- Which CSRS has a strap that runs under the school bus seat cushion to stabilize the CSRS on the cushion?
- Which CSRS often features a zipper? Where does the zipper go?



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Handout • CSRS and Students with Disabilities

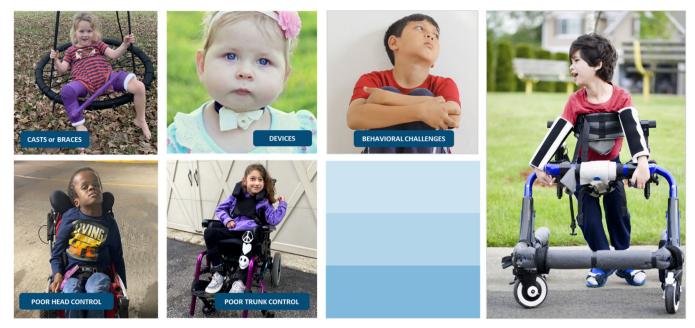
INDIVIDUALS WITH DISABILITIES EDUCATION ACT

- The Individuals with Disabilities Education Act (IDEA) lays the foundation for educational rights of children with disabilities.
- It is through IDEA that children with disabilities are entitled to an IFSP (Individualized Family Service Plan, pre-birth to 3) and an IEP (Individualized Education Program, age 3 to 21).
 - Transportation is legally regarded a "related service" on a child's IEP. Therefore, all aspects of the law apply to the time a student spends in transport.
 - Since IEP/IFSP are overall education documents, the topic of transportation can be (and too often is) easily overlooked.
- All children with an IEP/IFSP should be given an Individualized Transportation Assessment (ITA) that considers the child's transportation needs.
- If the ITA finds that any transportation modifications are necessary, an Individualized Transportation Plan (ITP) should be documented as well.
- Some students who need transportation accommodations don't meet the qualifications under IDEA. These students have rights for transportation accommodations under Section 504 of the Rehabilitation Act of 1973, which protects equal access rights for students.
 - The needs of students with a Section 504 Plan tend to be less involved than those of children who fall under IDEA, but since these students may require transportation accommodations, similar transportation plans should be prepared for these students as well.

AAP POLICY STATEMENT

- American Academy of Pediatrics: School Bus Transportation of Children with Special Health Care Needs:
 - publications.aap.org/pediatrics/article/141/5/e20180513/37887

NEEDS THAT NECESSITATE THE USE OF CSRS



ADAPTIVE CSRS

The CSRS model shown features extra support including an **abductor**, **wedge**, **body supports**, **height adjusters** and **adjustable head rests**.





WHAT IS RELEVANT TO PUPIL TRANSPORTATION PROVIDERS?

RELEVANT

- Physical challenges
- Behavioral, emotional or communication issues
- Positioning and mobility needs
- Rescue/quick-relief medications
- ✓ Sensory issues.

NOT RELEVANT

- A child's complete medical history
- 🗵 A child's specific diagnosis
- ☑ A child's family history
- ☑ All medications a child takes

SAFETY VEST FOR BEHAVIOR MODIFICATION

If a safety vest is used for a child for the sole purpose of behavior modification, it is important to demonstrate that the pupil transportation provider has taken this step while respecting the student's right to ride in the least restrictive environment possible.

DO

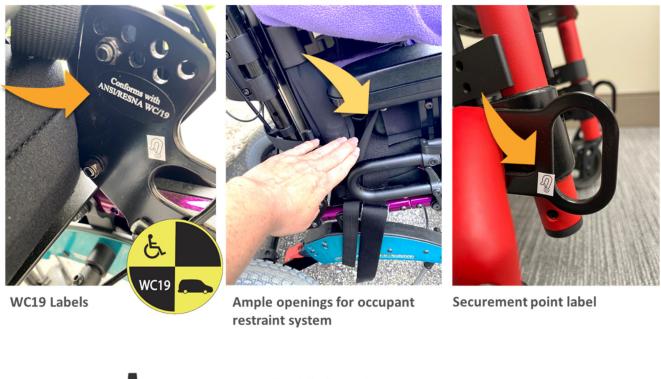
- ✓ Try all other interventions.
- Stress that safety vests meet FMVSS 213.
- ✓ Reassess needs at a later date.
- ✓ Involve the full IEP/IFSP team.

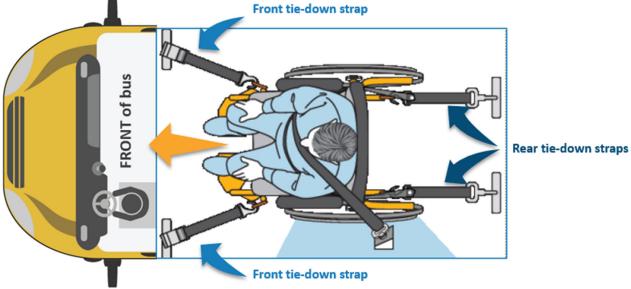
DON'T

- ☑ Jump immediately to a CSRS.
- ☑ Call them "harness" or "restraint"
- ☑ Make modifications to the CSRS.
- Decide unilaterally, without input of all IEP/IFSP team members.

WHEELCHAIRS ON SCHOOL BUSES

- Experts, including the American Academy of Pediatrics, note that it is always safer for a child who rides in a wheelchair to transfer to a school bus seat (using an appropriate CSRS) for transit.
- Therefore, whenever possible, the child's transportation plan should indicate that the child should ride in a CSRS whenever possible—that is, whenever the child's size, medical condition, and the capabilities of the bus staff allow it. Staff must be trained to conduct the transfer properly.
- If a wheelchair must be used on the bus, use one that meets voluntary standard WC19 whenever possible.
- WC19 wheelchairs have been tested to confirm they are crashworthy and have the features shown.





Four-Point Securement

In the four-point securement diagram above, the front tiedowns anchor outboard to increase stability while the rear tiedowns anchor directly behind the securement points.

ADDITIONAL TRAINING AND RESOURCES

- Safe Travel for All Children is designed to serve as an enrichment course for Child Passenger Safety Technicians who are interested in learning about transportation of children with disabilities.
 - Visit <u>preventinjury.pediatrics.iu.edu</u> for more information.
- Download the Ride Safe brochure that promotes wheelchair transportation best practice.
 - wc-transportation-safety.umtri.umich.edu/ride-safe-brochure/

PROGRESS CHECK

- What information about a child with disabilities is important for a pupil transportation provider to know?
- What are the advantages and challenges of using an adaptive CSRS on a bus?
- What should be considered before using a CSRS for behavioral challenges?



NOTES



Handout • CSRS and Emergency Evacuation

EVACUATION PLANNING

Evacuation planning must be put into writing, shared with all responsible parties and practiced with all bus occupants. Preschoolers and children with disabilities are likely to need more training and practice opportunities than other students, so pupil transportation providers of these students must plan more time for drills.

A plan should include details such as:

- Who will help, including assignment of specific responsibilities.
- Route-specific information, including a seating plan.
- Individual child considerations, like behavior, communication, abilities, etc.
- A guide on how to evacuate each child including extraction from/with their CSRS.
- The location and use of emergency equipment available on the bus.
- A safety plan for evacuees once outside of the bus.



WHAT MAKES STUDENTS IN CSRS DIFFERENT?

- Most will need help getting out of their CSRS due to age, developmental level, and/or physical or cognitive needs.
- A multi-step process for evacuation is necessary for some CSRS.
- Certain situations require the bus to be equipped with special equipment that's readily accessible for use in an emergency.



Most will need help getting out of their CSRS



Methods to Evacuate



PROGRESS CHECK

- What should be included in a written evacuation plan?
- What are the methods used to evacuate a child in a CSRS from a school bus?
- In what ways do CSRS help during an emergency situation and evacuation?





Handout • Putting it all Together

SEATING LOGIC ACTIVITY

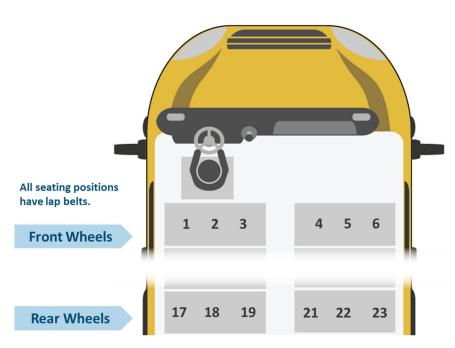
- Using what you've learned in this course, identify the appropriate CSRS for each of the occupants (six in total, B−G) from the listed options available (8 in total).
- Giving consideration to evacuation needs and other lessons from this training, place each occupant (A−G) in one of the available bus seats.
- There is more than one right answer! However, certain students have more need for support, supervision and/or assistance than other students, and these needs must be addressed.

OCCUPANTS

- A. Adult aide
- B. 7 mos., 24 lbs.
- C. 3¹/₂ yrs., 50 lbs., child with behavioral challenges
- D. 2 yrs., 30 lbs.
- E. 4 yrs., 45 lbs.
- F. 4½ yrs., 65 lbs.
- G. 3 yrs., 35 lbs., child with poor head control

CSRS

- 1 Rear-Facing Only CSRS, 35 lbs. max
- 1 Convertible CSRS, 35 lbs. rear-facing max and 50 lbs. forward-facing max
- 2 Combination CSRS, 65 lbs. max
- 2 Safety Vests
- 2 School Bus Only CSRS



N	NOTES



Handout • Serving as a Community Resource

PROVIDING SCHOOL BUS TRAINING AND SUPPORT

CPSTs who have successfully completed the **Child Passenger Safety on School Buses National Training** are able to teach the training. To prepare to teach the school bus course:

- CPSTs should have a solid understanding of the topic area if they opt to deliver the Child Passenger Safety on School Buses National Training in the future.
- View the videos available on the <u>YouTube School Bus Playlist</u> to review the content from this course as well as supplemental topics.
- Respect your limits and seek help from CPSTs who have more experience with pupil transportation when needed.
- It is best practice to include pupil transportation providers on the Instructor Team either as presenters, if they are CPSTs, or as helpers with the hands-on activities. Doing so will help with answering pupil transportation questions during the training.

CONNECT!

Connect with Pupil Transportation Providers

- If you need help connecting with school districts in your area, the National Association of State Directors of Pupil Transportation Services (NASDPTS) recommends contacting the state director. Visit the following website for an interactive map listing each state director's contact information.
 - nasdpts.org/State-Director-Map

Connect with State/IHS CPS Coordinators

Reach out to your state CPS Coordinator/Training or local Indian Health Service contact. Let them know that you have completed the **Child Passenger Safety on School Buses National Training** and are willing to serve as a community resource. Find a listing of state coordinators at:

<u>cpsboard.org/state-coordinators</u>

Connect with Head Start Programs

- Find Head Start centers in your area by visiting the following link and filtering by state or locality.
 - eclkc.ohs.acf.hhs.gov/center-locator

RESOURCES

- School bus-related resources that support this training are available online.
 - cpsboard.org/school-bus
- How-to videos for CSRS on school buses are available at the CPS Board YouTube Channel.
 - voutube.com/cpsboard
 - Open the Child Passenger Safety on School Buses playlist.



NOTES