

PA Traffic Injury Prevention Project
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Special points of interest:

- NHTSA Final Rule: Section 571.213 & 213b
- Special Instructions for Harness Retainer Clips (Chest Clips)
- TIPP Upcoming Trainings
- Announcing PA TIPP 2024 CPS Technical Update



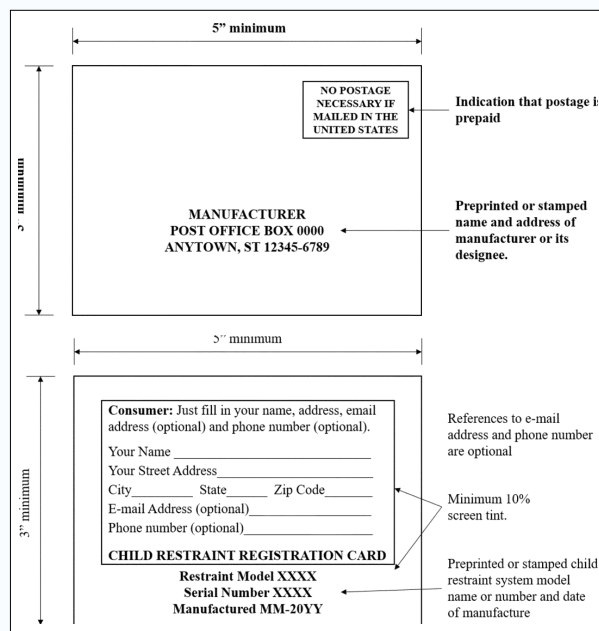
NHTSA Final Rule: Section 571.213 & 213b

The National Highway Traffic Safety Administration (NHTSA) issued a Final Rule on December 5, 2023 amending Federal Motor Vehicle Safety Standard (FMVSS) 213 regarding child restraint systems. NHTSA added FMVSS 213b, mandatory in three years, that updates the standard seat assembly (**S6.1.1(a)(1)(ii)**) on which NHTSA tests child restraint systems for compliance with frontal crash performance requirements.

The amendments to FMVSS No. 213 include:

- Modernize the standard by updating the CRS owner registration program (S5.8). NHTSA reduces the restrictions on the content and format of the CRS owner registration form that manufacturers must provide with new CRSs for purposes of direct recall notifications. The intent is to increase recall remedy rates. The amendment makes it:

- Easier for parents and caregivers to register CRSs with manufacturers.
- More responsive to the communication preferences and practices of today's parents.
- Easier for manufacturers to be flexible in developing registration cards to respond to caregiver preferences.



- Labeling requirements instructing consumers on correct use of child restraints (S5.5). NHTSA permits manufacturers to have more flexibility in informing parents how to correctly use child restraints, provided the following limits and all other labeling requirements are met. Required labels include:

- **Final Rule:** Maximum height and weight of the children who can safely occupy the system (S5.5.2(f)) for each mode in which the CRS can be used (rear-facing, forward-facing, booster).
 - **Current Requirement:** Requires manufacturers to provide an overall weight and height of the children who can occupy the CRS.
- **Final Rule:** Specifies the forward-facing mode of a CRS may only be recommended for children with a minimum weight of 26.5 lbs., the weight of a 95th percentile one-year-old. This change will increase the number of children under age 1 transported rear-facing, which is critical to child safety. This change increases the likelihood that 3- and 4-year-olds will be transported in CRSs with an internal harness which better protects them.
 - **Current Requirement:** 20 lbs. (S5.5.2(k)(2)).
- **Final Rule:** Specifies that booster seats may only be recommended for children with a minimum weight of 40 lbs.
 - **Current Requirement:** 30 lbs. (S5.5.2(k)(2)).

CPS NEWS

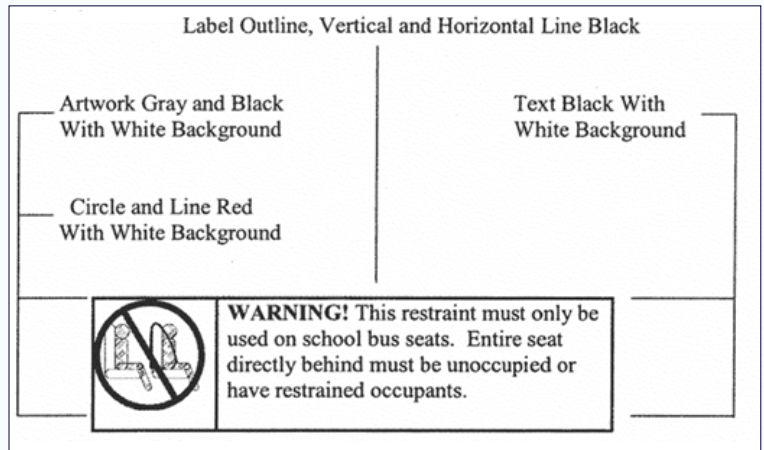
NHTSA Final Rule, from Page 1

- Requirements for add-on school bus specific child restraint systems
 - Requires a label on the harness component that attaches to the school bus seat back.

- S5.6.1.11(a) For harnesses that are manufactured before December 5, 2024, for use on school bus seats, the instructions must include the following statement:

“WARNING! This restraint must only be used on school bus seats. Entire seat directly behind must be unoccupied or have restrained occupants.”

The labeling requirement refers to a restrained occupant as: an occupant restrained by any user appropriate vehicle restraint or child restraint system (e.g., lap belt, lap and shoulder belt, booster, child seat, harness.).



- (b) For school bus child restraint systems manufactured on or after December 5, 2024, the instructions must include the following statement:

“WARNING! This restraint must only be used on school bus seats. Entire seat directly behind must be unoccupied or have restrained occupants.”

(The instruction's reference to a “restrained occupant” refers to an occupant restrained by any user-appropriate vehicle restraint or child restraint system (e.g., lap belt, lap and shoulder belt, booster seat or other child restraint system.)

- Provisions for NHTSA’s use of Anthropomorphic Test Devices (test dummies) in NHTSA compliance tests.

CRS Recommended for Use by children of these weights Weight: WT / Height: HT	Current: NHTSA Compliance Testing ATDs (subparts refer to 49 CFR part 572)	Final Rule: NHTSA Compliance Testing ATDs (subparts refer to 49 CFR part 572)
WT: ≤11 lbs. HT: ≤25.5”	Newborn (subpart K)	Newborn (subpart K)
WT: 11 lbs. to ≤22 lbs. HT: 25.5” to ≤33.5”	Newborn (subpart K), CRABI-12MO (subpart R)	
WT: 11 lbs. to ≤22 lbs. HT: 25.5” to ≤29.5”		Newborn (subpart K), CRABI-12MO (subpart R)
WT: 22 lbs. to ≤40 lbs. HT: 33.5” to ≤43.3”	CRABI-12MO (subpart R), HIII-3YO (subpart P)	
WT: 22 lbs. to ≤30 lbs. HT: 29.5” to ≤34.3”		CRABI-12MO (subpart R)
WT: 30 lbs. to ≤40 lbs. HT: 34.3” to ≤43.3”		HIII-3YO (subpart P)
WT: 40 lbs. to ≤50 lbs. HT: 43.3” to ≤49.2”	HIII-6YO (subpart N) or H2-6YO (subpart I) (manufacturer’s option)	HIII-6YO (subpart N)
WT: 50 lbs. to ≤65 lbs. HT: 43.3” to ≤49.2”	HIII-6YO (subpart N) or H2-6YO (subpart I) (manufacturer’s option), and Weighted HIII-6YO (subpart S)	HIII-6YO (subpart N) and Weighted HIII-6YO (subpart S)
WT: Greater than 65 lbs. HT: Greater than 49.2”	HIII-10YO (subpart T)*	HIII-10YO (subpart T)*

* No HIC measured with HIII-10YO. (Note: CRSs with internal harnesses that weigh more than 65 lbs. with an ATD are not tested with that ATD on the child restraint anchorage system of the standard seat assembly.)

NHTSA Final Rule, from Page 2

- **FMVSS No. 213b** (three-year lead time for implementation) includes requirements and updates to the standard seat assembly for testing child restraint systems for compliance with frontal crash performance requirements. The amendments were made to ensure continued effectiveness of child restraint systems in current and future vehicles.
 - The updated seat has seat cushions (consisting of foam and a cover), a specified geometry, and a child restraint anchorage system and seat belt systems for attaching child restraints.
 - The seat belts are a Type 2 lap and shoulder or 3-point seat belt, and a Type 1 lap belt system.
 - NHTSA will test child restraint systems (CRS) with an internal harness attached to the updated standard seat assembly with:
 - A Type 2 belt, and
 - Until September 1, 2029, a Type 1 belt (S5.3.2). Testing with a type 1 belt will ensure the continued availability of CRS that can be used in older vehicles that only have Type 1 belts in rear passenger designated seating positions.

Type child restraint system	Lap Belt plus a Tether, if needed	Lap Belt	Lap & Shoulder Belt plus a Tether, if needed	Lap & Shoulder Belt	Lower Anchor Connectors plus a Tether, if needed	Lower Anchor Connectors	Seat Back Mount, or, Seat Back Mount & Seat Pan Mount
School Bus Child Restraint Systems							X
Rear-Facing Restraints		X		X		X	
Booster Seats				X			
All Other Child Restraint Systems	X	X	X	X	X	X	

Special Instructions for Harness Retainer Clips (Chest Clips)



Warning! Unfasten the SensorSafe Chest Clip during Taxi, Take-Off, and Landing.

The SensorSafe Chest Clip can be used during flight when use of electronic devices is permitted.

When used on Aircraft: Unfasten SensorSafe Chest Clip

In order to comply with the FAA regulation for Portable Electronic Devices (PED), the SensorSafe Chest Clip **MUST** be unfastened before take-off.

Note: After landing, fasten the SensorSafe Chest Clip before removing the Embrace Infant Car Seat from the Aircraft seat.

WARNING:

Do not use this chest clip with children who have an implanted electronic medical device.

A magnet is used to help secure the chest clip locking mechanism together which may interfere with the proper function of an implanted electronic medical device.

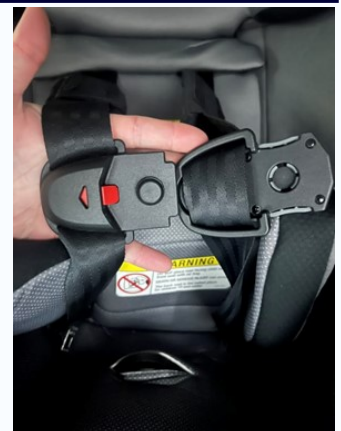
Parents or caregivers who have an implanted electronic device should keep their device away from the chest clip and consult their doctor and medical device manufacturer for specific information before using this chest clip.



The QuikClip chest clip found on specific models of Maxi-Cosi and Safety 1st car seats uses a magnet.

Warning! When using car seats with the QuikClip, the instructions:

- Prohibit use of the chest clip with children who have medically implanted electronic devices, and
- Recommend caregivers seek medical advice before using the car seat.



Child Passenger Safety Trainings

The **CPS Certification** course provides the training necessary to become a certified CPS technician. This four-day course establishes CPS certification for a two-year cycle. The fee is \$95.
To register, go to cert.safekids.org.

The **CPS Renewal** course is for CPS technicians with an expired certification. The one-day course allows recertification for a two-year cycle.
The fee is \$95.
To register, go to cert.safekids.org.

The **TIPP CPS Technical Update** class has been pre-approved for 6 CEUs towards recertification. Please contact TIPP if you are interested in hosting an Update class for CPS technicians in your area.

For questions on how to create a personal profile or register for a class, please go to <https://cert.safekids.org/resources-faqs/how-to>.

Certification Courses

Chester County

Course ID: PA202311301132
Dates: January 8 – 11, 2024
Time: 8:30 am—4:30 pm
Chester County Public Safety Training Campus
137 Modena Road
Coatesville, PA 19320
Contact: Lori McCloskey
Phone: 610-34-5557
Emails: lmccloskey@chesco.org

Beaver County

Course ID: PA20230523567
Dates: February 5 - 8, 2024
Time: 9:00 am—5:00 pm
Brighton Township Fire Department
84 Grange Road
Beaver, PA 15009
Contact: Kristen Urso
Phone: 412-885-0233
Email: kurso@paaap.org
*Controlled class: Contact lead instructor before registering for class.

Washington County

Course ID: PA20230523569
Dates: February 20 – 23, 2024
Time: 9:00 am—5:00 pm
North Strabane Fire Department
830 Thomas 84 Road
Eighty Four, PA 15330
Contact: Kristen Urso
Phone: 412-885-0233
Email: kurso@paaap.org
*Controlled class: Contact lead instructor before registering for class.

Bucks County

Course ID: PA202311171097
Dates: March 19 - 21, 2024
Time: 8:30 am—5:00 pm
Tri Hampton Rescue Squad
140 Township Road
Richboro, PA 18954
Contact: Teresa Rychlak
Phone: 484-446-3078
Email: trychlak@paaap.org

Delaware County

Course ID: PA202312121178
Dates: April 15 – 18, 2024
Time: 8:30 am—4:30 pm
Broomall Fire Company
1 N. Malin Road
Broomall, PA 19008
Contact: Teresa Rychlak
Phone: 484-446-3078
Email: trychlak@paaap.org

Indiana County

Course ID: PA202310171003
Dates: April 22 - 26, 2024
Time: 9:00 am—5:00 pm
Citizens Ambulance
2712 W Pike Road
Indiana, PA 15701
Contact: Kristen Urso
Phone: 412-885-0233
Email: kurso@paaap.org
*Controlled class: Contact lead instructor before registering for class.

Union County

Course ID: PA202312061161
Dates: May 1 - 3, 2024
Time: 8 am—4:30 pm
Urgent Care of Evangelical Conference Room
7095 Westbranch Highway
Lewisburg, PA 17837
Contact: Deana Carson
Phone: 570-768-3201
Email: deana.carson@evenhospital.com



Renewal Courses

Washington County

Course ID: PA20230928932
Date: January 17, 2024
Time: 9:00 am—5:00 pm
Peter's Township Fire Department
245 E McMurray Road
McMurray, PA 15317
Contact: Kristen Urso
Phone: 412-885-0266
Email: kurso@paaap.org

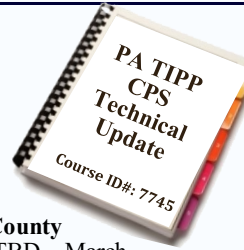
Montgomery County

Course ID: PA202312061165
Date: March 12, 2024
Time: 8:30 am—4:30 pm
Abington Public Safety Training Facility
2200 Florey Lane
Abington, PA 19001
Contact: Teresa Rychlak
Phone: 484-446-3078
Email: trychlak@paaap.org

PA TIPP Child Passenger Safety Technical Update Classes: Please RSVP if Planning to Attend

Please contact TIPP if you are interested in hosting a CPS Technical Update class for CPS technicians in your area.

- CPS Technical Update is pre-approved for 6 CPS CEUs. Contact your TIPP regional coordinator to schedule a presentation and earn 6 CPS CEUs toward recertification.
- PA TIPP instructors are approved as Emergency Medical Services Continuing Education Providers. EMTs can receive 6 EMS continuing education credits for attending the class.



Blair County

Date: TBD—March
Time: 9:00 am—3:00 pm
PSP Troop G
1510 North Juniata Street
Holidaysburg, PA 16648
Contact: Kelly Whitaker
Phone: 814-943-3360
Email: kwhitaker@paaap.org

Snyder/Union Counties

Date: March 29, 2024
Time: 9:00 am—3:00 pm
Evangelical Community Hospital
Lewisburg, PA 17837
Contact: Kelly Whitaker
Phone: 814-943-3360
Email: kwhitaker@paaap.org

Warren County

Date: April 4, 2024
Time: 9:00 am – 3:00 pm
Youngsville Boro Police Department
40 Railroad Street
Youngsville, PA 16371
Contact: Mary LaKari
Phone: 814-838-9971
Email: mlakari@paaap.org

McKean County

Date: April 16, 2024
Time: 9:00 am – 3:00 pm
McKean County Children & Youth
17155 US-6
Smethport, PA 16749
Contact: Mary LaKari
Phone: 814-838-9971
Email: mlakari@paaap.org

Crawford County

Date: April 18, 2024
Time: 9:00 am – 3:00 pm
Meadville Central Fire Department
850 Park Avenue
Meadville, PA 16335
Contact: Mary LaKari
Phone: 814-838-9971
Email: mlakari@paaap.org

Erie County

Date: April 23, 2024
Time: 9:00 am – 3:00 pm
Perry Hi Way Hose Company
8281 Oliver Road
Erie, PA 16509
Contact: Mary LaKari
Phone: 814-838-9971
Email: mlakari@paaap.org

Crawford County

Date: June 4, 2024
Time: 9:00 am – 3:00 pm
NW Training Center
195 Valley View Drive
Meadville, PA 16335
Contact: Mary LaKari
Phone: 814-838-9971
Email: mlakari@paaap.org

Announcing PA TIPP 2024 CPS Technical Update

The PA TIPP staff is pleased to announce the 2024 CPS technical update training for technicians. The update is pre-approved for the required 6 continuing education credits for recertification. For more information or to schedule a class, please reach out to your regional coordinator. Content Includes:

- FMVSS 213 Update & Car Seats in the News and On the Go
 - FMVSS 213 updates and highlighting car seat features, us and installation
- CRS Design Trends: Rotating Car Seats
 - Review similarities and differences in the use
- Did You Know...?
 - Highlight unique manufacturer instructions for specific car seats and vehicles
- CPS Trivia Challenge - Jeopardy
 - Rotating Car Seats, Car Seat Instructions, CR Instructions - Did it Say?, The Car Has What?, and A Little of This & That

TIPP Contact Information

- **Statewide:** Angela Osterhuber
484-446-3036 / aosterhuber@paaap.org
- **Central PA:** Kelly Whitaker
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kwhitaker@paaap.org
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cconnors@paaap.org
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- **Southeast PA:** Teresa Rychlak
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