

- [Resources by Topic](#)
- [Business & Economy](#)
- [Education](#)
- [Environment](#)
- [Food & Drugs](#)
- [Grants & Awards](#)
- [Health & Safety](#)
- [Military & Security](#)
- [Science & Technology](#)
- [Social Programs](#)
- [Transportation](#)



Resources by Topic

Site Search:
[advanced](#)

LEGISLATIVE **EXECUTIVE** **JUDICIAL** **HELP** **ABOUT**

[A-Z RESOURCE LIST](#) [FIND A FEDERAL DEPOSITORY LIBRARY](#) [BUY PUBLICATIONS](#)

[Home Page](#) > [Executive Branch](#) > [Code of Federal Regulations](#) > [Electronic Code of Federal Regulations](#)

Electronic Code of Federal Regulations e-CFRTM

e-CFR Data is current as of January 22, 2009

Amendment from October 21, 2008

[Browse Previous](#) | [Browse Next](#)

49 CFR—PART 571

View Printed Federal Register page [73 FR 62779](#) in PDF format.

Amendment(s) published October 21, 2008, in 73 FR 62779

Effective Date(s): April 20, 2009

4. Section 571.210 is amended by revising S2; amending S3 by revising the heading and adding definitions for “school bus torso belt adjusted height,” “school bus torso belt anchor point,” and “small occupant seating position,” in alphabetical order; adding S4.1.3 and S4.1.3.1 through S4.1.3.5; by revising in the introductory paragraph of S4.3.2, the second sentence; revising S4.3.2(b) and by adding Figure 4 to the end of the section, to read as follows:

§ 571.210 Standard No. 210, Seat belt assembly anchorages.

S2. *Application.* This standard applies to passenger cars, multipurpose passenger vehicles, trucks, buses, and school buses.

S3. *Definitions.*

School bus torso belt adjusted height means the vertical height above the SgRP of the point at which the torso belt deviates more than 10 degrees from the horizontal plane when the torso belt is pulled away from the seat by a 20 N force at a location on the webbing approximately 100 mm from the adjustment device and the pulled portion of the webbing is held in a horizontal plane.

School bus torso belt anchor point means the midpoint of the torso belt width where the torso belt first contacts the uppermost torso belt anchorage.

Small occupant seating position is as defined in 49 CFR 571.222.

S4.1.3 *School bus passenger seats.*

S4.1.3.1 Except for seats with no other seats behind them, seat belt anchorages on school buses manufactured on or after October 21, 2011 must be attached to the school bus seat structure and the seat belt shall be Type 1 or Type 2 as defined in S3 of FMVSS No. 209 (49 CFR 571.209).

S4.1.3.2 Type 2 seat belt anchorages on school buses manufactured on or after October 21, 2011 must meet the following location requirements.

(a) As specified in Figure 4, the vertical distance from the seating reference point for the school bus torso belt anchor point must be fixed or adjustable to at least 400 mm for a small occupant seating position of a flexible occupancy seat, as defined in 49 CFR 571.222, and at least 520 mm above the

- DATABASE FEATURES**
- [Browse](#)
 - [Simple Search](#)
 - [Advanced Search](#)
 - * [Boolean](#)
 - * [Proximity](#)
 - [Search History](#)
 - [Search Tips](#)
 - [Corrections](#)
 - [Latest Updates](#)
 - [User Info](#)
 - [FAQs](#)
 - [Agency List](#)
 - [e-CFR Main Page](#)

- RELATED RESOURCES**
- [Code of Federal Regulations](#)
 - [Federal Register](#)
 - [List of CFR Sections Affected](#)
 - [Regulations.gov](#)
 - [Unified Agenda](#)
 - [All NARA Publications](#)

- ABOUT GOVERNMENT**
- [Ben's Guide to U.S. Government](#)



SgRP for all other seating positions. The school bus torso belt adjusted height at each seating position shall, at a minimum, be adjustable from the torso belt anchor point to within at least 280 mm vertically above the SgRP to the minimum required vertical height of the school bus torso belt anchor point for that seating position.

(b) The minimum lateral distance between the vertical centerline of the bolt holes or the centroid of any other means of attachment to the structure specified in 4.1.3.1, simultaneously achievable by all seating positions, must be:

(i) 280 mm for seating positions in a flexible occupancy seat in a maximum occupancy configuration, as defined in 49 CFR 571.222; and

(ii) 330 mm for all other seating positions.

S4.1.3.3 School buses with a GVWR less than or equal to 4,536 kg (10,000 pounds) must meet the requirements of S4.2.2 of this standard.

S4.1.3.4 School buses with a GVWR greater than 4,536 kg (10,000 pounds) manufactured on or after October 21, 2011, with Type 1 seat belt anchorages, must meet the strength requirements specified in S4.2.1 of this standard.

S4.1.3.5 School buses with a GVWR greater than 4,536 kg (10,000 pounds) manufactured on or after October 21, 2011, with Type 2 seat belt anchorages, must meet the strength requirements specified in S4.2.2 of this standard.

S4.3.2 *Seat belt anchorages for the upper torso portion of Type 2 seat belt assemblies.* * * * Except a small occupant seating position as defined in 49 CFR 571.222, with the seat and seat back so positioned, as specified by subsection (a) or (b) of this section, the upper end of the upper torso restraint shall be located within the acceptable range shown in Figure 1, with reference to a two-dimensional drafting template described in Society of Automotive Engineers (SAE) Standard J826, revised May 1987, "Devices for Use in Defining and Measuring Vehicle Seating Accommodation" (incorporated by reference, see §571.5). * * *

(b) Except for seating positions on school bus bench seats, compliance with this section shall be determined with adjustable anchorages at the midpoint of the adjustment range of all adjustable positions. For seating positions on school bus bench seats, place adjustable anchorages and torso belt height adjusters in their uppermost position.

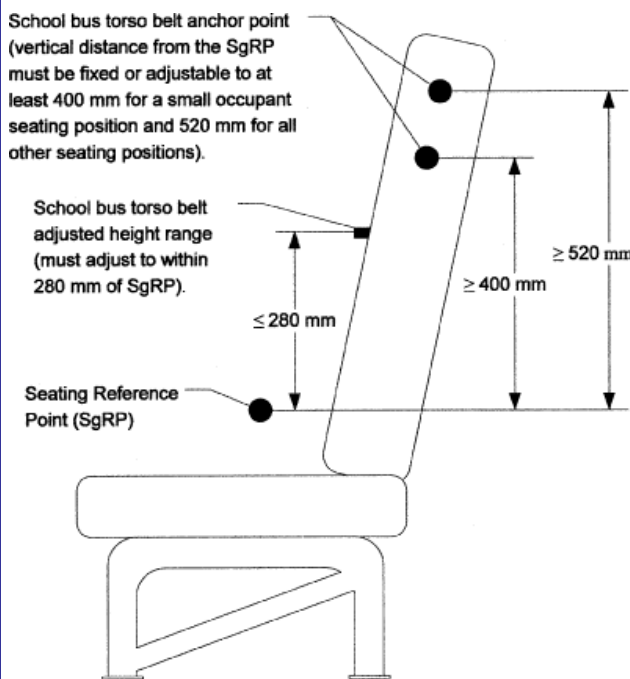


Figure 4 - Seat belt anchorage diagram

[View or download PDF](#)

[Browse Previous](#) | [Browse Next](#)

For questions or comments regarding e-CFR editorial content, features, or design, email ecfr@nara.gov.

For questions concerning e-CFR programming and delivery issues, email webteam@gpo.gov.

[Section 508 / Accessibility](#)