



SURFACE VEHICLE RECOMMENDED PRACTICE

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Motor Vehicle Seat Belt Anchorages - Test Procedure

RATIONALE

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1. SCOPE

This SAE Recommended Practice specifies performance requirements and test procedures for the strength and location of seat belt assembly anchorages. It applies to seat belt anchorages attached to vehicle body structure or to seat assemblies in the vehicle. Design Considerations are specified in SAE J383.

2. REFERENCES

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J383 Motor Vehicle Seat Belt Anchorages - Location and Design Considerations

SAE J879 Motor Vehicle Seating Systems

Federal Motor Vehicle Safety Standard 208 - Occupant Performance

Federal Motor Vehicle Safety Standard 209 - Seat Belt Assemblies.

Federal Motor Vehicle Safety Standard 210 - Seat Belt Assembly Anchorages

3. DEFINITIONS

3.1 ANCHORAGE

Structural attachments that transfer occupant restraint forces of the seat belt assembly to the vehicle or seat structure.

3.2 ATTACHMENT HARDWARE

Attachment hardware means any or all hardware designed for securing the webbing of a seat belt assembly to a motor vehicle.

NOTE: If the seat belt is attached to a seat, the seat is not attachment hardware.

3.3 CURB WEIGHT

Weight of the vehicle as delivered with full capacity of fluids.

3.4 DESIGNATED SEATING POSITION (DSP)

A seat location that has a seating surface width of at least 330 mm (13 in) as described and further defined in FMVSS 208.

3.5 SEAT BELT ASSEMBLY

Any strap, webbing, or similar device designed to restrain an occupant in a motor vehicle during a crash. Includes all necessary buckles and other fasteners, and all hardware designed for installing such seat belt assembly in a motor vehicle.

3.6 TYPE 1 SEAT BELT ASSEMBLY

A lap belt for pelvic restraint as defined in FMVSS 209.

3.7 TYPE 2 SEAT BELT ASSEMBLY

A combination of pelvic and upper torso restraints as defined in FMVSS 209.

4. TEST EQUIPMENT

4.1 Vehicle or Significant Vehicle Structure

The vehicle or portions of the vehicle significant to the support of the anchorages to be tested. Vehicle components likely to influence the performance of those anchorages must be included.