97-GP SERIES

CANCELLATION
March 1971

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Standards
for

AUTOMOTIVE VEHICLE SAFETY

Standards 97-GP-101 to 97-GP-301 inclusive, covering safety features for automotive vehicles, have been cancelled. They have been replaced by the Motor Vehicle Safety Regulations of the Ministry of Transport, which are available from Information Canada.

Publication 97-GP, Guide to Traffic Safety, has also been cancelled.

97-GP-207
24 May 1968
AMENDMENT NO. 1
16 August 1968

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

for

ANCHORAGE OF SEATS - PASSENGER CARS

4. DETAIL REQUIREMENTS

4.1 General - Change to read:

Except for folding auxiliary jump seats and side-facing seats, each occupant seat installation shall withstand the loads specified in 4.1.1, 4.1.2 and 4.1.3.

Withdrawn/Retirée

CANADA

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

FOR

ANCHORAGE OF SEATS - PASSENGER CARS

97-GP-207

24 MAY 1968

Withdrawn/Retirée

THIS STANDARD ESTABLISHES REQUIREMENTS FOR SEATS, THEIR ATTACHMENT ASSEMBLIES, AND THEIR INSTALLATION TO MINIMIZE THE POSSIBILITY OF FAILURE BY FORCES ACTING ON THE SEAT AS A RESULT OF VEHICLE IMPACT.

DEPARTMENT OF DEFENCE PRODUCTION, OTTAWA, CANADA

15 CENTS

97-GP-207*
24 May 1968

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

for

ANCHORAGE OF SEATS - PASSENGER CARS

Withdrawn/Retirée

1. PURPOSE AND SCOPE

1.1 This standard establishes requirements for seats, their attachment assemblies, and their installation to minimize the possibility of failure by forces acting on the seat as a result of vehicle impact.

2. APPLICABLE PUBLICATIONS

2.1 The following publications are applicable to this standard:

2.1.1 Society of Automotive Engineers (SAE)
J879, Passenger Car Front Seat and Seat Adjuster, November 1963
J826, Manikins for Use in Defining Vehicle Seating Accommodations, November 1962.

2.1.2 Canadian Government Specifications Board (CGSB)
97-GP-209, Seat Belt Assemblies, Passenger Cars, Multi-purpose Passenger Vehicles, Trucks and Buses.

2.2 Reference to the CGSB 97-GP-209 is to the latest issue, unless otherwise specified.

3. APPLICABILITY

3.1 This standard applies to:

Passenger Cars

4. DETAIL REQUIREMENTS

4.1 General - Except for folding auxiliary jump seats, side-facing seats and passenger seats on buses, each occupant seat installation shall withstand the loads specified in 4.1.1, 4.1.2 and 4.1.3.

---

* See Par 6.1

4.1.1 The following loads shall be applied simultaneously:

(a) Twenty times the weight of the entire seat in a forward longitudinal direction; and

(b) If the seat belt assembly is directly attached to the seat, the total load imposed on the seat by simultaneous application of maximum loads required by CGSB 97-GP-209 for all attached seat belt assemblies.

4.1.2 A total load equal to 20 times the weight of the entire seat shall be applied in a rearward longitudinal direction.

4.1.3 A load equal to a 3,300 inch-pound moment about the "H" point for each occupant position for which the seat is designed shall be applied to the upper cross member in a rearward longitudinal direction.

4.2 Seat Adjusters - The seat adjusters need not be operable after the application of the load specified in 4.1.1, 4.1.2 and 4.1.3.

4.3 Folding and Hinged Seats - Except for folding auxiliary seats and seats with backs that are adjustable for occupant comfort only, a hinged or folding seat or seat back shall be equipped with a self-locking, restraining device and a control for releasing the restraining device.

4.3.1 The release control shall be readily accessible to the occupant of that seat and to the occupant of any seat immediately behind that seat, and shall be constructed to preclude inertial release when loaded longitudinally to 20g.

4.3.2 The restraining device shall not release or fail when a forward longitudinal load equal to 20 times the weight of the entire seat back is applied at the center of gravity of the seat back.

5. Demonstration Procedures

5.1 Dynamic or static testing techniques may be used.

5.2 Static testing of seats shall be conducted in accordance with SAE J879, using the values specified in and the procedures applicable to this standard.

5.3 Distributed loads may be replaced by concentrated loads at the loading centroid.

Withdrawn/Retired

6. NOTES

6.1 The requirements in this standard are identical with those in United States Federal Motor Vehicle Safety Standard No. 207, Anchorage of Seats - Passenger Cars, and changes in that standard will be duly incorporated in CGSB Standard 97-GP-207.

6.2 Certification to US Standard No. 207 applicable at date of manufacture will certify conformance to CGSB Standard 97-GP-207.

6.3 The publications listed in Section 2 are available from the Canadian Government Specifications Board.

6.4 Further related information may be found in the CGSB Guide to Traffic Safety, also available from the Canadian Government Specifications Board.

Withdrawn/Retiree

Correspondence regarding this standard should be addressed to the Canadian Government Specifications Board, c/o Department of Defence Production, Ottawa 4, Canada.