

97-GP SERIES

CANCELLATION  
March 1971

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Standards  
for

AUTOMOTIVE VEHICLE SAFETY

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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 They have been replaced by the Motor Vehicle Safety Regulations of the Ministry of Transport, which are available from Information Canada.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-206a  
23 September 1968  
Effective Date  
1 January 1969  
AMENDMENT NO. 1  
15 March 1969

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Standard  
for

DOOR LATCHES, HINGES AND LOCKS - PASSENGER CARS  

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4. DETAIL REQUIREMENTS

4.4.1 Front Door Locks - Change this paragraph to read:

Front Door Locks - When the lock mechanism is engaged,  
the outside door handle or other outside latch release  
control shall be inoperative.



CANADA

# CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

FOR

DOOR LATCHES, HINGES AND LOCKS -  
PASSENGER CARS

97-GP-206a

23 SEPTEMBER 1968

EFFECTIVE DATE

1 JANUARY 1969

SUPERSEDES 97-GP-206

24 MAY 1968

THIS STANDARD SPECIFIES LOAD REQUIREMENTS FOR DOOR LATCH AND HINGE SYSTEMS,  
AND LOCK REQUIREMENTS, TO MINIMIZE THE LIKELIHOOD OF OCCUPANTS BEING THROWN  
FROM THE VEHICLE AS A RESULT OF IMPACT.

DEPARTMENT OF DEFENCE PRODUCTION, OTTAWA, CANADA

97-GP-206a  
23 September 1968  
Effective Date  
1 January 1969  
Supersedes 97-GP-206  
24 May 1968

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Standard

for

DOOR LATCHES, HINGES AND LOCKS - PASSENGER CARS

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1. PURPOSE AND SCOPE

1.1 This standard specifies load requirements for door latch and hinge systems, and lock requirements, to minimize the likelihood of occupants being thrown from the vehicle as a result of impact.

2. APPLICABLE PUBLICATIONS

2.1 The following publications are applicable to this standard:

2.1.1 Society of Automotive Engineers (SAE)  
J839b, Passenger Car Side Door Latch Systems, May 1965  
J934, Vehicle Passenger Door Hinge Systems, July 1965.

3. APPLICABILITY

3.1 This standard applies to:  
Passenger cars.

4. DETAIL REQUIREMENTS

4.1 Side Doors - The latches, hinges and locks of side doors that can be used for occupant egress shall conform with this standard.

4.2 Door Latches - Each door latch and striker assembly shall be provided with two positions consisting of:

- (a) a fully latched position
- (b) a secondary latched position.

- 4.2.1 Longitudinal Load - The door latch and striker assembly shall withstand a longitudinal load of 2,500 pounds in the fully latched position and 1,000 pounds in the secondary latched position.
- 4.2.2 Transverse Load - The door latch and striker assembly of hinged doors shall withstand a transverse load of 2,000 pounds in the fully latched position and 1,000 pounds in the secondary latched position.
- 4.2.3 Inertia Load - The door latch shall not move from the fully latched position when a longitudinal or transverse inertia load of 30g is applied to the door latch system (including the latch and its actuating mechanism).
- 4.3 Door Hinges - Each door hinge system shall support the door and withstand a longitudinal load of 2,500 pounds and a transverse load of 2,000 pounds.
- 4.4 Door Locks - Each door shall be equipped with a locking mechanism with an operating means in the interior of the vehicle.
- 4.4.1 Front Door Locks - When the lock mechanism is engaged, the outside and inside door handle or other latch release control shall be inoperative.
- 4.4.2 Rear Door Locks - When the lock mechanism is engaged, both the outside and inside door handle or other latch release control shall be inoperative.

## 5. DEMONSTRATION PROCEDURES

- 5.1 Door Latches - Door latches shall be tested in accordance with SAE J839b.
- 5.1.1 Inertia Load - Compliance with par. 4.2.3 shall be demonstrated by approved tests or in accordance with Section 5 of SAE J839b.
- 5.2 Door Hinges - Door hinges shall be tested in accordance with SAE J934.

6. NOTES

6.1 The requirements in this standard are identical with those in United States Federal Motor Vehicle Safety Standard No. 206, Door Latches, Hinges and Locks - Passenger Cars, 1 January 1969, and changes in that standard will be duly incorporated in CGSB Standard 97-GP-206a.

6.2 Certification to U.S. Standard No. 206 applicable at date of manufacture will certify conformance to CGSB Standard 97-GP-206.

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.