

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 They have been replaced by the Motor Vehicle Safety Regulations of the Ministry of Transport, which are available from Information Canada.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.



CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

FOR

FUEL TANKS, FUEL TANK FILLER PIPES, AND
FUEL TANK CONNECTIONS - PASSENGER CARS

97-GP-301

24 MAY 1968

THIS STANDARD SPECIFIES REQUIREMENTS FOR THE INTEGRITY AND SECURITY OF FUEL
TANKS, FUEL TANK FILLER PIPES, AND FUEL TANK CONNECTIONS TO MINIMIZE FIRE
HAZARD AS A RESULT OF COLLISION.

DEPARTMENT OF DEFENCE PRODUCTION, OTTAWA, CANADA

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

STANDARD

for

FUEL TANKS, FUEL TANK FILLER PIPES, AND
FUEL TANK CONNECTIONS - PASSENGER CARS

1. PURPOSE AND SCOPE

1.1 This standard specifies requirements for the integrity and security of fuel tanks, fuel tank filler pipes, and fuel tank connections to minimize fire hazard as a result of collision.

2. APPLICABLE PUBLICATIONS

2.1 The following publication is applicable to this standard:

2.1.1 Society of Automotive Engineers (SAE)
J850, Barrier Collision Test, February 1963.

3. APPLICABILITY

3.1 This standard applies to:
Passenger Cars.

4. DETAIL REQUIREMENTS

4.1 Fluid Discharge Rate and Loss - When tested in accordance with Section 5:

4.1.1 Fuel tank filler pipes, fuel tank connections to fuel lines, and fuel tanks filled to at least 90 per cent of capacity with a liquid having substantially the same viscosity as, and specific gravity no less than, the fuel used in the vehicle, shall not discharge fluid at a rate greater than 1 ounce (by weight) per minute after termination of impact.

4.1.2 Fluid losses during impact shall not exceed 1 ounce (by weight).

* See Par 6.1

5. DEMONSTRATION PROCEDURES

5.1 A front-end longitudinal barrier collision test shall be conducted at a speed of at least 30 miles per hour in accordance with SAE J850.

6. NOTES

6.1 The requirements in this standard are identical with those in United States Federal Motor Vehicle Safety Standard No. 301, Fuel Tanks, Fuel Tank Filler Pipes, and Fuel Tank Connections - Passenger Cars, and changes in that standard will be duly incorporated in CGSB Standard 97-GP-301.

6.2 Certification to US Standard No. 301 applicable at date of manufacture will certify conformance to CGSB Standard 97-GP-301.

6.3 The publication listed in Section 2 is 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.

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