

Australian/New Zealand Standard™

**Seat belt assemblies for motor vehicles
(ECE Regulation No. 16, MOD)**

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AS/NZS 2596:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-075, Seat Belts for Use in Motor Vehicles. It was approved on behalf of the Council of Standards Australia on 8 October 2003 and on behalf of the Council of Standards New Zealand on 12 November 2003. It was published on 29 December 2003.

The following are represented on Committee CS-075:

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Australian Chamber of Commerce and Industry
Australian Industry Group
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-075, Seat Belts for Use in Motor Vehicles to supersede AS/NZS 2596:1995. The Standard is an adoption with national modifications and has been reproduced from the United Nations' document, ECE Regulation No. 16, *Uniform provisions concerning the approval of safety belts and restraint systems for occupants of power-driven vehicles and vehicles equipped with safety belts*, version applicable August 2000 and includes three amendments subsequently issued by Economic Commission for Europe (ECE) which are included as attachments. Variations to the ECE text for application in Australia and New Zealand are included in Appendix ZZ. Additional requirements are set out in Appendices ZA, ZB and ZC, and Appendix ZD provides seat-belt anchorage guidelines.

The objective of this Standard is to provide minimum performance requirements for seat belts in order to promote the provision of a high level of protection for persons travelling in motor vehicles.

For the purposes of this Standard, the ECE text is amended, supplemented or replaced as set out in the ECE amendments and Appendix ZZ. These changes are indicated by a marginal bar against the relevant clause or part thereof affected. Variations specified in Appendix ZZ have been introduced to take into account regional environmental conditions and the use of motor vehicles in Australia and New Zealand.

For the purpose of this Australian/New Zealand Standard, the ECE text should be modified as follows:

- (a) In the source text, the word 'Regulation' should read 'Standard' when referring to this document.
- (b) Where a number follows the word 'Regulation', in referring to another document, insert 'ECE' before the word 'Regulation'.
- (c) *Replace* the word 'paragraph' with 'Clause'.
- (d) Where units are shown as daN, the value should be multiplied by 10 and the unit expressed as newtons (N).
- (e) For the purposes of this Standard, Annexes 8, 9, 10 and 13 are classified as 'Normative' while Annexes 3, 4, 5, 6 and 7 are classified as 'Informative'.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex or appendix to which they apply. A 'normative' annex or appendix is an integral part of a Standard, whereas an 'informative' annex or appendix is only for information and guidance.

The following documents are referred to in this Standard:

AS	
1152	Specification for test sieves
1753	Webbing for restraining devices for occupants of motor vehicles
AS/NZS	
1754	Child restraint systems for use in motor vehicles
4475	Restraint systems for motor vehicles—Performance tests
4475.3	Method 3: Determination of fatigue resistance of a flexible member
NZS	
5432	Webbing for restraining devices for occupants of motor vehicles
ISO	
105 B02	Textiles—Tests for colourfastness, Part B02: Colourfastness to artificial light: Xenon

arc fading lamp test

ISO

3560 Road vehicles—Frontal fixed barrier or pole impact test procedure

6487 Road vehicles—Measurement techniques in impact tests—Instrumentation

6549 Road vehicles—Procedure for H- and R-point determination.

ASTM

B117 Operating salt spray (fog) apparatus

D573 Test method for rubber-deterioration in an air oven

D2000 Standard classification system for rubber products in automotive applications

ECE

Regulation No. 14—Safety-belt anchorages.

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