

Australian/New Zealand Standard™

**Child restraint systems for use in
motor vehicles**

AS/NZS 1754:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS/85, Child Restraints for use in Motor Vehicles. It was approved on behalf of the Council of Standards Australia on 14 December 1999 and on behalf of the Council of Standards New Zealand on 8 December 1999. It was published on 1 February 2000.

The following interests are represented on Committee CS/85:

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AS/NZS 1754:2000
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS/85, Child Restraints for Use in Motor Vehicles, to supersede AS/NZS 1754:1995.

This Standard incorporates Amendment No. 1 (April 2001). The changes arising from the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

This Standard has undergone a considerable number of changes and revisions. Details of the publishing history can be obtained from Standards Australia's Information Centre (and from Standards New Zealand's Information Centre).

Some major changes in this edition include:

- (a) An additional child restraint type being a rearward-facing restraint for a child weighing up to 12 kg.
- (b) A requirement and test for the recline angle of a child restraint when installed on a vehicle seat.
- (c) A requirement either for loose covers to be removable without detaching the harness straps or a splitter plate system for the straps to be incorporated in the design.
- (d) Additional warnings for use in vehicles with airbags fitted and for some restraints in some vehicles with a split in the rear seat.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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Australian/New Zealand

Child restraint systems for use in motor vehicles

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for restraining devices for child occupants of passenger cars and their derivatives, such devices being intended when properly selected, correctly installed and correctly adjusted, to reduce the risk of bodily injury in a vehicle impact. The devices may also have application to other types of vehicles.

NOTE: This Standard does not cover child restraints which are an integrated feature of a motor vehicle.

1.2 OBJECTIVE

The objective of the Standard is to provide minimum design, construction and performance requirements for child restraint systems in order to promote the provision of a high level of protection for children travelling in motor vehicles.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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| 1647 | Children's toys (safety requirements) |
| 1647.1 | Part 1: General requirements |
| 1647.2 | Part 2: Constructional requirements |
| 1647.3 | Part 3: Toxicological requirements |
| 1753/NZS
5432 | Webbing for restraining devices for occupants of motor vehicles |
| 2001 | Methods of test for textiles |
| 2001.5.4 | Method 5.4: Determination of dimensional change in laundering of textile fabrics and garments—Automatic machine method |
| 2282 | Methods for testing flexible cellular polyurethane |
| 2282.8 | Part 8: Determination of force deflection |
| 2331 | Methods of test for metallic and related coatings |
| 2331.3.1 | Part 3.1: Corrosion and related property test—Neutral salt spray (NSS) test |
| 2700 | Colour Standards for general purposes |
| 2755 | Textile fabrics—Determination of burning behaviour |
| 2755.2 | Part 2: Measurement of flame spread properties of vertically oriented specimens |
| 2755.3 | Part 3: Determination of surface burning time |

AS/NZS

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| 2465 | Unified hexagon bolts, screws and nuts (UNC and UNF threads) |
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