

Australian/New Zealand Standard™

**Restraint of children with disabilities, or
medical conditions, in motor vehicles**



AS/NZS 4370:2013

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-085, Child Restraints for Use in Motor Vehicles. It was approved on behalf of the Council of Standards Australia on 19 April 2013 and on behalf of the Council of Standards New Zealand on 29 April 2013.
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The following are represented on Committee CS-085:

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Australian Competition and Consumer Commission
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This Standard was issued in draft form for comment as DR AS/NZS 4370.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-085 Child Restraints for Use in Motor Vehicles, to supersede AS/NZS 4370:1996.

The objective of this Standard is to enable a prescriber to assess the need, identify the available options and recommend the most suitable option for restraining a child, with one or more disabilities, or a medical condition, while travelling in a motor vehicle.

Changes in this edition include a new comprehensive assessment guide, including considerations for children with complex and challenging behaviours. Appendix A has been updated to reflect recent research and a new appendix is included providing a sample prescribing pro forma to assist the prescriber in complying with this Standard.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out options for restraining a child with one or more disabilities, or a medical condition, while travelling in a motor vehicle, to minimize the risk of bodily injury in an impact.

1.2 APPLICATION

To enable a child to travel in a motor vehicle and to reduce the risk of bodily injury to both the child and other occupants in a vehicle impact, the guidelines in this Standard give restraint options in order of preference. They range from the most desirable (a compliant child restraint) to the less preferable (a customized restraint or other option).

The Standard covers children up to the age of 16 years. However, the Standard may be applicable for persons over 16 years of age. This Standard does not include design, construction and performance requirements for devices to restrain children in motor vehicles, or for wheelchair restraint assemblies.

In using this Standard, the prescriber and the parent(s) will need to be aware of applicable legislation regarding the use of a modified child restraint, special purpose child restraint, customized restraint or other option (e.g. need to obtain medical certificate for an exemption from the relevant road rules).

1.3 REFERENCED AND RELATED DOCUMENTS**1.3.1 Referenced Standards**

The following documents are referred to in this Standard:

AS/NZS

1754 Child restraint systems for use in motor vehicles

4535 Ambulance restraint systems

8005 Accessories for child restraints for use in motor vehicles

1.3.2 Related Standards and documents

Additional information may be found in the following documents:

AS

1753 Webbing for restraining devices for occupants of motor vehicles

AS/NZS

2596 Seatbelt assemblies for motor vehicles (ECE Regulation No.16, MOD)

3629 Methods of testing child restraints

3629.1 Method 1: Dynamic testing

3629.3 Method 3: Dynamic testing of upper anchorage components