

AS 3856.2:2021



STANDARDS
Australia



Hoists and ramps for people with disabilities — Vehicle fitted

Part 2: Fitting requirements



AS 3856.2:2021

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- Assistive Technology Suppliers Australasia
- Australian Nursing and Midwifery Federation
- Australian Rehabilitation & Assistive Technology Association
- Heavy Vehicle Industry Australia
- Independent Living Centres Australia
- Medical Aids Subsidy Scheme, Australia
- National Disability Insurance Agency, Australia
- Novita Children's Services, Australia
- Occupational Therapy Australia

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-067, Assistive Technology for Persons with a Disability, to supersede AS/NZS 3856.2:1998, *Hoists and ramps for people with disabilities — Vehicle mounted, Part 2: Installation requirements*.

The objective of this document is to provide persons concerned with the manufacture of hoists and ramps and their fitting to motor vehicles, community transport organizers, regulatory authorities and users, with minimum specifications for the fitting of hoists and ramps in motor vehicles.

This document is intended to be used in conjunction with AS 3856.1.

In this edition, for appliances which are not deployed and stored manually, a requirement for a safety interlock to prevent movement of the vehicle if the appliance is not stored, has been included. Other changes have been made to clarify existing test procedures and requirements.

The term “normative” is used in Standards 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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NOTES

Australian Standard®

Hoists and ramps for people with disabilities — Vehicle fitted

Part 2: Fitting requirements

1 Scope

This document specifies requirements for the fitting to motor vehicles of hoists and ramps of the types specified in AS 3856.1. This Standard does not include the fitting of appliances for hoisting unoccupied wheelchairs into or onto a vehicle.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 1428.2, *Design for access and mobility, Part 2: Enhanced and additional requirements — Buildings and facilities*

AS 3856.1, *Hoists and ramps for people with disabilities — Vehicle-fitted, Part 1: Product requirements*

AS ISO 14971, *Medical devices — Application of risk management to medical devices*

AS/NZS 10542.1:2015, *Technical systems and aids for people with disability — Wheelchair tiedown and occupant-restraint systems, Part 1: Requirements and test methods for all systems (ISO 10542-1:2012, MOD)*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1

appliance

hoist or ramp

3.2

bridge plate

cover over the gap between the threshold of the vehicle entry and the edge of the boarding platform

Note 1 to entry: The bridge plate may also be used as an inner roll stop.

3.3

deploy

move the appliance from a stored position on the vehicle to an operating position

3.4

platform

load-bearing surface which is constructed in the one plane

3.5

ramp

inclined platform which is either permanently or temporarily attached to the vehicle

Note 1 to entry: The word may mean one ramp or more than one ramp used together.

3.6

shall

indicates that a statement is mandatory