

First edition
2012-10-01

AMENDMENT 1
2021-04

**Technical systems and aids for
disabled or handicapped persons —
Wheelchair tiedown and occupant-
restraint systems —**

Part 1:

**Requirements and test methods for
all systems**

AMENDMENT 1: Annexes K, L, M

*Assistances et aides techniques pour les personnes invalides ou
handicapées — Systèmes d'attache du fauteuil roulant et de retenue
de l'occupant — Amd 1:2021*

Partie 1: Exigences générales et méthodes d'essai pour tous les systèmes

AMENDEMENT 1: Annexes K, L, M



Reference number
ISO 10542-1:2012/Amd.1:2021(E)

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 173, *Assistive products*, Subcommittee SC 1, *Wheelchairs*.

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Technical systems and aids for disabled or handicapped persons — Wheelchair tiedown and occupant-restraint systems —

Part 1: Requirements and test methods for all systems

AMENDMENT 1: Annexes K, L, M

Introduction

Add the following text to the end of the third paragraph:

In addition, [Annex K](#) provides a test method and performance measures for WTORS manufacturers who wish to test the wheelchair securement system for rear-impact conditions, and [Annex M](#) provides a test method and performance measures for WTORS manufacturers who wish to evaluate the rear-impact performance of vehicle-mounted, head-and-back restraints.

<https://standards.iteh.ai/catalog/standards/iso/8e390933-2d0d-42a3-8dc3-4ef0f783eaca/iso-10542-1-2012-amd-1-2021>

Add the following text to the end of the fourth paragraph:

[Annex K](#) provides a test method whereby they are exposed to a 14 g, 25 km/h rear impact sled test.

Add the following text to the end of the seventh paragraph:

[Annex L](#) provides a method for evaluating wheelchair securement systems for the situation of wheelchair occupants restrained by a three-point belt comprised of a vehicle-anchored shoulder belt and a wheelchair-anchored pelvic belt.

Clause 2

Add the following normative references:

ISO 16840-4:2009, *Wheelchair seating — Part 4: Seating systems for use in motor vehicles*

ISO 7176-19:2008/Amd 1:2015, *Wheelchairs — Part 19: Wheeled mobility devices for use as seats in motor vehicles — Amendment 1: Annex G*

Clause 3

Add the following terms and definitions: