



## **Direct glazed automotive glass replacement—Light vehicles**



This Australian Standard® was prepared by Committee ME-055, Safety Glass for Land Transport. It was approved on behalf of the Council of Standards Australia on 18 October 2017.

This Standard was published on 1 December 2017.

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The following are represented on Committee ME-055:

- Australasian Railway Association
  - Australian Autoglass Industry Alliance
  - Australian Industry Group
  - Auto Glass Association
  - Department of Planning, Transport and Infrastructure, SA
  - Federal Chamber of Automotive Industries
  - Institute of Automotive Mechanical Engineers
  - Insurance Council of Australia
  - TAFE NSW
- 

This Standard was issued in draft form for comment as DR AS 4739:2017.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard<sup>®</sup>

**Direct glazed automotive glass  
replacement—Light vehicles**

Originated as AS 4739—2002.  
Second edition AS 4739:2017.

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 960 7

## PREFACE

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee ME-055, Safety Glass for Land Transport, to supersede AS 4739—2002.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to verify the suitability of direct glazed automotive glass replacement procedures and applicable direct glazed automotive glass replacement materials, to ensure satisfactory glass replacement in light vehicles.

The objective of this revision is to update the requirements on installation procedures to reflect current practice.

For windscreen repair procedures and repair systems, refer to AS/NZS 2366.1, *Windscreen repairs*, Part 1: *Repair procedures* and AS/NZS 2366.2, *Windscreen repairs*, Part 2: *Repair systems* respectively.

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

**Australian Standard****Direct glazed automotive glass replacement—Light vehicles****1 SCOPE**

This Standard specifies the procedure for the replacement of direct glazed automotive glass. The Standard aims to ensure that when direct glazed automotive glass is replaced, the structural integrity, safety features, and the appearance of the vehicle are not compromised.

The vehicles referred to in this Standard are those defined in the Vehicle Standard (Australian Design Rule—Definitions and Vehicle Categories) 2005 as follows:

- (a) MA—Passenger car.
- (b) MB—Forward control passenger vehicle.
- (c) MC—Off-road passenger vehicle.
- (d) NA—Light goods vehicle.

**2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

AS/NZS

2080 Safety glazing for land vehicles

FMVSS (Federal Motor Vehicle Safety Standard)

212 Windshield Mounting

Thatchem Research

Code of Practice for the replacement and refitting of automotive glazing for vehicles fitted with screen mounted advanced driver assistance systems (ADAS)

Department of Infrastructure and Regional Development (Australian Government)

Vehicle Standard (Australian Design Rule—Definitions and Vehicle Categories) 2005

**3 DEFINITIONS**

For the purpose of this Standard, the definitions below apply.

**3.1 Auto glazier**

An individual, who removes, replaces and installs automotive window glass.

**3.2 Curing**

The progressive hardening of a material by chemical reaction.

**3.3 Dam**

Self-adhesive foam strip placed on the vehicle's aperture or glass to maintain the distance of the windscreen from the vehicle's body while the adhesive sealant cures and prevents ingress of adhesive sealant into the interior of the vehicle.

**3.4 Direct glazing**

The securing and sealing of glass in a prepared opening in a vehicle using an appropriate adhesive sealant system.