

Title	Remove and install direct glazed windscreen and side and rear glass on a vehicle		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: prepare to remove and fit direct glazed windscreen and side and rear glass; remove direct glazed windscreen and side and rear glass; fit fixed direct glazed windscreen and side and rear glass; and check fitment of direct glazed windscreen and side and rear glass.
----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Classification	Motor Industry > Vehicle Bodywork
-----------------------	-----------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- Legislation and references
Performance of the outcomes of this unit standard must comply with the following:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Traffic Regulations 1976;
 - Land Transport Rule: Glazing Windscreen Wipe and Wash and Mirrors 1999;
 - Land Transport Rule: Vehicle Repair 1998;
 - Australian Standard AS 4739:2017 Direct glazed automotive glass replacement - Light vehicles;
 - New Zealand Standard AS/NZS 2366.1:1999 Windscreen repairs – Repair procedures;
 - New Zealand Standard AS/NZS 2366.2:1999 Windscreen repairs – Repair systems.
- Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- Land Transport Rules are available online at <https://www.nzta.govt.nz/>.
- Definitions
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.
Personal protective equipment (PPE) refers to clothing and equipment used for the protection of eyes, hands, feet, and hair.

Service information refers to information such as technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

5 Assessment

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements.

Evidence of three vehicles is required.

- 6 For this unit standard, it is essential that the practical assessment evidence is obtained from commercial jobs in the workplace under normal workplace conditions.

Outcomes and performance criteria

Outcome 1

Prepare to remove and fit direct glazed windscreen and side and rear glass.

Performance criteria

- 1.1 Vehicle preparation requirements are determined.
- 1.2 Health and safety requirements are identified.
Range includes but not limited to – PPE, materials, equipment.
- 1.3 Materials and equipment required for the removal and fit are selected.
- 1.4 Procedures for minimising waste material are identified.

Outcome 2

Remove direct glazed windscreen and side and rear glass.

Performance criteria

- 2.1 The window glass moulding (trim) is removed, without damage to the moulding.
- 2.2 All window glass, including any broken glass, is removed from its aperture.

Outcome 3

Fit fixed direct glazed windscreen and side and rear glass.

Performance criteria

- 3.1 Window glass and aperture are prepared for fitment of the glass.
- 3.2 Window glass and mouldings are fitted to the vehicle.

- 3.3 Adhesive is checked.
- 3.4 Rear view mirror is attached to the windscreen if applicable.
- 3.5 Registration and WoF (Warrant of Fitness) or CoF (Certificate of Fitness) labels are transferred to the replacement screen.

Outcome 4

Check fitment of direct glazed windscreen and side and rear glass.

Performance criteria

- 4.1 Work is checked, and glass is secured.
- 4.2 Defective parts are identified and reported.
- 4.3 Problems encountered in the installation are identified, recorded, and reported.

Range problems include – faulty glass, faulty materials, defective equipment and tools.

Replacement information	This unit standard replaced unit standard 880 and unit standard 10713.
--------------------------------	------------------------------------------------------------------------

Planned review date	31 December 2027
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 May 2006	31 December 2022
Review	2	29 July 2021	N/A
Review	3	25 May 2023	N/A

Consent and Moderation Requirements (CMR) reference	0014
------------------------------------------------------------	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.