



Australian Government

AURVTG104 Remove and install direct glazed windscreens

Release: 1

AURVTG104 Remove and install direct glazed windscreens

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to remove and install direct glazed windscreens in a variety of vehicles. The unit involves preparing for the task, selecting and using specialist tools and equipment, removing the windscreen, applying primers, activators and adhesives, installing the windscreen according to manufacturer specifications, cleaning and finishing it, and completing workplace processes and documentation.

The unit applies to those who work in the automotive glazing service and repair industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Unit Sector

Vehicle Body Technical – Glazing

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to remove and install direct glazed windscreen	1.1 Identify job requirements from workplace instructions 1.2 Identify required information for repair activity 1.3 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures 1.4 Identify tools, equipment and chemicals required for repair activity and establish serviceability according to workplace procedures
2. Carry out removal and installation activities	2.1 Carry out windscreen removal according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements

ELEMENT	PERFORMANCE CRITERIA
	2.2 Install, bond and finish replacement windscreen according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements 2.3 Cure adhesive according to adhesive manufacturer specifications and timelines
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 Complete documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently
Reading	Organises and interprets technical information from workplace procedures, glass repair system specifications, industry standards and safety data sheets (SDS)
Oral communication	- Clarifies instructions and procedures - Clearly reports quality issues and job outcomes
Numeracy	- Uses mathematical operations - Calculates adhesive curing times
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes
Problem solving	Identifies defects in direct glazed windscreens
Technology	Uses specialised equipment

Unit Mapping Information

Supersedes and is equivalent to AURVTG004 Remove and install direct glazed windscreens.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURVTG104 Remove and install direct glazed windscreens

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- remove and install direct glazed windscreens on three different vehicles.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to remove and install direct glazed windscreens, including:
 - safety data sheets (SDS) relating to direct glazing chemicals and cleaning agents
 - manufacturer's specifications or equivalent documentation
- workplace procedures required to remove and install direct glazed windscreens, including:
 - establishing the serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- workplace health and safety (WHS) requirements relating to removing and installing direct glazed windscreens, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and lifting equipment
 - using safety data sheets (SDS) for primers, activators and adhesives
 - material handling and storage

- environmental requirements relating to removing and installing direct glazed windscreens, including procedures for trapping, storing and disposing of waste materials and chemicals
- types and use of windscreen specialist tools, equipment and materials, including:
 - specialist tools for removing direct glazed windscreens
 - lifting assistance tools to help install windscreens
 - direct glazing materials, including:
 - adhesives
 - activators
 - primers
 - cleaning agents
- removal and installation methods and techniques for direct glazed windscreens, including:
 - windscreen handling techniques
 - adhesive methods
 - potential problems and consequences
- inspection of vehicle to ensure correct operation of components prior to carrying out windscreen replacement
- procedures for protecting vehicle and components before and during windscreen removal and installation
- procedures for final inspection of fitted direct glazed windscreens.

Assessment Conditions

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of task.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the direct glazed windscreens they have removed and installed, e.g. work orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive glazing workplace, off-site workplace location or simulated workplace
- workplace instructions
- SDS for primers, activators and adhesives
- PPE required to remove and install direct glazed windscreens
- vehicle manufacturer, windscreen supplier, and specific workplace technical specifications
- windscreens
- three different vehicles or frames requiring windscreens to be fitted using direct glazing
- vehicle protection covers
- cleaning agents

- tools, equipment and materials appropriate for removing and installing direct glazed windscreens.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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