



**Australian Government**

# **AURVTG004 Remove and install direct glazed windscreens**

**Release: 1**

## AURVTG004 Remove and install direct glazed windscreens

### Modification History

| Release   | Comment                 |
|-----------|-------------------------|
| Release 1 | New unit of competency. |

### Application

This unit describes the performance outcomes required to remove and install direct glazed windscreens in a variety of vehicles. It 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.

It applies to those working in the automotive glazing service and repair industry.

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

### Competency Field

Vehicle Body

### Unit Sector

Technical - Glazing

### Elements and Performance Criteria

| Elements                                                            | Performance Criteria                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes.                           | Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.                                                                               |
| 1. Prepare for removal and installation of direct glazed windscreen | 1.1 Job requirements are determined from workplace instructions<br>1.2 Removal and installation information is accessed and interpreted from windscreen and vehicle manufacturer specifications, workplace procedures, and safety data sheets (SDS) for primers, activators and adhesives |

| <b>Elements</b><br>Elements describe the essential outcomes. | <b>Performance Criteria</b><br>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              | 1.3 Work is planned to minimise waste and use time efficiently<br>1.4 Vehicle is inspected to ensure there is no prior damage and that all related accessories are operating correctly<br>1.5 <b>Materials</b> and windscreen are selected according to windscreen and vehicle manufacturer specifications, and are inspected for quality<br>1.6 Hazards associated with the work are identified and risks are managed<br>1.7 <b>Tools and equipment</b> are selected and checked for serviceability<br>1.8 Vehicle is protected and safely located according to workplace procedures |
| 2. Carry out removal and installation activities             | 2.1 Windscreen is removed according to manufacturer specifications, and <b>safety and environmental requirements</b> , and without causing damage to vehicle or components<br>2.2 Replacement windscreen is installed, bonded and finished according to manufacturer specifications and safety and environmental requirements<br>2.3 Adhesive is cured according to adhesive manufacturer specifications and timelines, as required                                                                                                                                                   |
| 3.. Complete work processes                                  | 3.1 Final inspection is made to ensure work meets workplace expectations, related accessories are operating correctly, customer is informed of time to wait before driving vehicle, and vehicle is presented ready for use<br>3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored<br>3.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures<br>3.4 Workplace documentation is processed according to workplace procedures                                    |

## Foundation Skills

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

| Skills | Description |
|--------|-------------|
|--------|-------------|

| <b>Skills</b>                      | <b>Description</b>                                                                                                                                                                           |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Learning skills to:                | <ul style="list-style-type: none"> <li>locate appropriate sources of information efficiently.</li> </ul>                                                                                     |
| Writing skills to:                 | <ul style="list-style-type: none"> <li>legibly and accurately fill out workplace documentation.</li> </ul>                                                                                   |
| Oral communication skills to:      | <ul style="list-style-type: none"> <li>clarify instructions and procedures</li> <li>clearly report issues or outcomes.</li> </ul>                                                            |
| Numeracy skills to:                | <ul style="list-style-type: none"> <li>use basic mathematical operations, including addition and subtraction, to calculate adhesive curing times.</li> </ul>                                 |
| Planning and organising skills to: | <ul style="list-style-type: none"> <li>plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.</li> </ul> |
| Problem solving skills to:         | <ul style="list-style-type: none"> <li>identify defects in direct glazed windscreens.</li> </ul>                                                                                             |
| Technology skills to:              | <ul style="list-style-type: none"> <li>use specialist removal and installation equipment.</li> </ul>                                                                                         |

## Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><i>Materials</i></b> must include:                             | <ul style="list-style-type: none"> <li>direct glazing materials, including: <ul style="list-style-type: none"> <li>adhesives</li> <li>activators</li> <li>primers</li> </ul> </li> <li>cleaning agents.</li> </ul>                                                                                                                                                                                                                                                                                                    |
| <b><i>Tools and equipment</i></b> must include:                   | <ul style="list-style-type: none"> <li>personal protective equipment (PPE)</li> <li>specialist tools for removing direct glazed windscreens</li> <li>lifting assistance tools to help install windscreens.</li> </ul>                                                                                                                                                                                                                                                                                                 |
| <b><i>Safety and environmental requirements</i></b> must include: | <ul style="list-style-type: none"> <li>work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: <ul style="list-style-type: none"> <li>selecting and using PPE</li> <li>using tools and lifting equipment</li> <li>using SDS for primers, activators and adhesives</li> <li>material handling and storage</li> </ul> </li> <li>environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals.</li> </ul> |

## Unit Mapping Information

Equivalent to AURVTG2004 Remove and install direct glazed windscreens

## Links

Companion Volume implementation guides are found in VETNet -

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