



**Australian Government**

# **AURVTG110 Remove and install vehicle movable body glass**

**Release: 1**

# AURVTG110 Remove and install vehicle movable body glass

## 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 movable body glass in various applications in vehicles. This unit involves preparing for the task, selecting and using specialist tools and equipment, selecting materials, removing and installing glass according to manufacturer specifications, cleaning and finishing the glass, 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 movable body glass | 1.1 Identify job requirements from workplace instructions<br>1.2 Identify required information for repair activity<br>1.3 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures<br>1.4 Identify tools, equipment and materials required for windscreen replacement and establish serviceability according to workplace procedures |
| 2. Carry out removal and installation activities    | 2.1 Identify vehicle airbags and supplementary restraint systems which may be affected by work and escalate to required personnel according to workplace procedures                                                                                                                                                                                                                                                         |

| ELEMENT                    | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <p>2.1 Remove moveable body glass component according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements</p> <p>2.2 Install and finish new moveable glass component according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements</p> <p>2.3 Cure adhesive according to adhesive manufacturer specifications and timelines</p> |
| 3. Complete work processes | <p>3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use</p> <p>3.2 Clear work area and dispose of or recycle materials according to workplace procedures</p> <p>3.3 Complete documentation according to workplace procedures</p>                                                                                                                                                                           |

## 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                | <ul style="list-style-type: none"> <li>Locates required sources of information efficiently</li> </ul>                                                                                                           |
| Reading                 | <ul style="list-style-type: none"> <li>Organises and interprets technical information from workplace procedures, glass repair system specifications, industry standards and safety data sheets (SDS)</li> </ul> |
| Oral communication      | <ul style="list-style-type: none"> <li>Clarifies instructions and procedures</li> <li>Clearly reports quality issues and job outcomes</li> </ul>                                                                |
| Numeracy                | <ul style="list-style-type: none"> <li>Uses mathematical operations</li> <li>Calculates quantities of required materials</li> </ul>                                                                             |
| Planning and organising | <ul style="list-style-type: none"> <li>Plans own work requirements</li> <li>Prioritises actions to achieve required outcomes</li> <li>Ensures tasks are completed within workplace timeframes</li> </ul>        |
| Problem solving         | <ul style="list-style-type: none"> <li>Identifies movable body glass defect and refers problems to appropriate person</li> </ul>                                                                                |
| Technology              | <ul style="list-style-type: none"> <li>Uses specialised equipment</li> </ul>                                                                                                                                    |

## Unit Mapping Information

Supersedes and is equivalent to AURVTG010 Remove and install vehicle movable body glass.

## 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 AURVTG110 Remove and install vehicle movable body glass

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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 at least two different movable body glass components in a vehicle.

## 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 moveable body glass, including:
  - safety data sheets (SDS) relating to fixed body glass
  - manufacturer's specifications or equivalent documentation
- workplace procedures required to remove and install moveable body glass, 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 vehicle movable body glass, including procedures for:
  - selecting and using personal protective equipment (PPE)
  - using tools and lifting equipment
  - using safety data sheets (SDS) for adhesives
  - material handling and storage

- environmental requirements relating to removing and installing vehicle movable body glass, including procedures for trapping, storing and disposing of waste materials and chemicals
- movable body glass removal and installation methods and techniques, including:
  - types and uses of movable body glass tools and equipment
  - glass and material handling techniques
  - adhesive types and bonding methods
  - potential problems associated with removal and installation, and their consequences
  - movable body glass location
  - testing procedures
- procedures for protecting vehicle and components during removal and installation work
- procedures for final inspection of fitted movable body glass.

## 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 movable body glass they have removed and installed, e.g. repair 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
- PPE to remove and install movable body glass
- SDS for adhesives
- supplier or manufacturer specifications or fitting instructions
- two different movable body glass components
- a vehicle requiring movable body glass to be removed and installed
- movable body glass installation materials, including glass sealants and adhesives
- glass cleaning materials
- tools, equipment and materials appropriate for removing and installing movable body glass.

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

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