



Australian Government

AURVTG010 Remove and install vehicle movable body glass

Release: 1

AURVTG010 Remove and install vehicle movable body glass

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and install movable body glass in various applications in vehicles. It 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.

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 to remove and install movable body glass	1.1 Job requirements are determined from workplace instructions 1.2 Removal and installation information is accessed and interpreted from fixed movable body glass supplier specifications 1.3 Work is planned to minimise waste and use time efficiently 1.4 Vehicle is inspected to ensure there is no prior damage and that

Elements Elements describe the essential outcomes.	Performance Criteria 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.
	all related accessories are operating correctly 1.5 Materials to remove and replace movable body glass are selected and inspected for quality 1.6 Adhesive is selected and relevant safety data sheets (SDS) are sourced and interpreted accurately 1.7 Hazards associated with the work are identified and risks are managed 1.8 Tools and equipment are selected and checked for serviceability 1.9 Vehicle is protected and located safely according to workplace procedures
2. Carry out removal and installation activities	2.1 Vehicle airbags and supplementary restraint systems that may be affected by work are identified, and advice is sought from authorised personnel as required 2.2 Movable body glass component is removed according to manufacturer specifications, safety and environmental requirements, and without causing damage to vehicle or components 2.3 New movable body glass component is installed and finished according to manufacturer specifications and safety and environmental requirements 2.4 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, and vehicle is presented ready for use 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 3.3 Glass repair tools and equipment are checked, reported if faulty, and stored according to workplace procedures 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
Learning skills to:	locate appropriate sources of information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report issues or outcomes.
Numeracy skills to:	use basic mathematical operations, including addition and subtraction, to calculate quantities of required materials.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Problem solving skills to:	identify movable body glass defect and refer problems to appropriate person.
Technology skills to:	use specialist movable body glass removal and installation equipment.

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.

<i>Tools and equipment</i> must include:	- personal protective equipment (PPE) - specialist tools and equipment for removing and installing movable body glass.
<i>Safety and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using PPE - using tools and lifting equipment - using SDS for adhesives - material handling and storage - environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals.

Unit Mapping Information

Equivalent to AURVTG3010 Remove and install movable body glass

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AURVTG010 Remove and install vehicle movable body glass

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- remove and install two different movable body glass components in a vehicle.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) 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, including procedures for trapping, storing and disposing of waste materials and chemicals
- location and content of technical information and manufacturer or workplace specifications and fitting instructions
- movable body glass removal and installation methods and techniques, including:
 - type and use 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

Assessors must satisfy NVR/AQTF assessor requirements.

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.

Links

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