



Australian Government

AURVTG009 Remove and install vehicle fixed body glass

Release: 1

AURVTG009 Remove and install vehicle fixed body glass

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and install fixed body glass in various applications in vehicles. It involves preparing for the task, selecting and using specialist tools and equipment, removing the glass, applying adhesives or sealants, installing the 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 fixed body glass	1.1 Job requirements are determined from workplace instructions 1.2 Removal and installation information is accessed and interpreted from fixed 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 and fixed body glass are selected according to vehicle manufacturer specifications and job requirements, and are inspected for quality 1.6 Adhesives and sealants are 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 safely located according to workplace procedures
2. Carry out removal and installation activities	2.1 Fixed body glass component is removed according to manufacturer specifications, and safety and environmental requirements , and without causing damage to vehicle or components 2.2 Fixed body glass component is installed, bonded or sealed, and finished according to manufacturer specifications, and safety and environmental requirements 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, 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 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
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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 adhesive curing times.
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 fixed body glass defects.
Technology skills to:	use specialist fixed 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>Materials</i> must include:	- urethane for direct glazed fixed body glass - sealants for rubber glazed fixed body glass - solvents and cleaning materials.
<i>Tools and equipment</i> must include:	- personal protective equipment (PPE) - specialist tools and equipment for removing and installing fixed 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 and sealants - material handling and storage - environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals.

Unit Mapping Information

Equivalent to AURVTG3009 Remove and install fixed 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 AURVTG009 Remove and install vehicle fixed 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:
 - one direct glazed fixed body glass
 - one rubber glazed fixed body glass.

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 fixed body glass, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and lifting equipment
 - using safety data sheets (SDS) for adhesives and sealants
 - material handling and storage
- environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals
- location and content of technical information, including manufacturer or supplier specifications and specific workplace fitting instructions
- fixed body glass removal and installation methods and techniques, including:
 - type and use of fixed body glass tools and equipment
 - glass and material handling techniques
 - adhesive and sealant types
 - bonding and sealing methods
- procedures for protecting vehicle and components during removal and installation work

- procedures for final inspection of fitted fixed 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 fixed 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 fixed body glass
- SDS for adhesives and sealants
- vehicle manufacturer, fixed body glass supplier, and specific workplace technical specifications
- body glass components as specified in the performance evidence
- vehicles or frames requiring fixed body glass to be fitted
- glass sealants and adhesive
- glass cleaning materials
- tools, equipment and materials appropriate for removing and installing fixed body glass.

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