



Australian Government

AURVTG109 Remove and install vehicle fixed body glass

Release: 1

AURVTG109 Remove and install vehicle fixed 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 fixed body glass in various applications in vehicles. This unit 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.

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 fixed body glass	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 materials required for repair activity and establish serviceability according to workplace procedures
2. Carry out removal and installation activities	2.1 Carry out body glass removal according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements

ELEMENT	PERFORMANCE CRITERIA
	2.2 Install, bond or seal and finish fixed body glass component 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 fixed body glass defects
Technology	Uses specialised equipment

Unit Mapping Information

Supersedes and is equivalent to AURVTG009 Remove and install vehicle fixed 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 AURVTG109 Remove and install vehicle fixed 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 one direct glazed fixed body glass
 - at least one rubber glazed fixed body glass.

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 vehicle fixed body glass, 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 vehicle fixed 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
- work health and safety (WHS) 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
- types and use of fixed body glass tools and equipment, including:
 - adhesive and sealant types, including:
 - urethane for direct glazed fixed body glass
 - sealants for rubber glazed fixed body glass
 - solvents and cleaning materials
- fixed body glass removal and installation methods and techniques, including:
 - glass and material handling techniques
 - 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

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.

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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