



Australian Government

AURVTG113 Remove and install large vehicle windscreens

Release: 1

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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 outcomes required to remove and install large vehicle windscreens. This unit involves preparing for the task, selecting and using specialist tools and equipment, removing the damaged windscreen, cutting a replacement windscreen according to original size, applying adhesives according to manufacturer specifications, cleaning and finishing the windscreen, and completing workplace processes and documentation.

The unit applies to those who work in the automotive glazing service and repair industry. The windscreens include those of large commercial, mining and agricultural vehicles.

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 large vehicle windscreen	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, materials and chemicals required for repair activity and establish serviceability according to workplace procedures
2. Remove, cut and	2.1 Remove windscreen according to workplace procedures,

ELEMENT	PERFORMANCE CRITERIA
install large vehicle windscreen	manufacturer specifications, workplace health and safety and environmental requirements 2.2 Cut, install, bond or seal, and finish windscreen according to workplace procedures, manufacturer specifications, workplace health and safety and environmental requirements 2.3 Cure adhesive according to adhesive manufacturer specifications and timeframes
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, manufacturer 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, including addition and subtraction - Calculates: - cutting and fitting measurements - quantities of required materials - Interprets numerical information in specifications, and records it accurately
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes
Problem solving	Identifies quality issues and potential problems associated with removing and installing large vehicle windscreens
Technology	Uses specialised equipment

Unit Mapping Information

Supersedes and is equivalent to AURVTG013 Remove and install large vehicle windscreens.

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 AURVTG113 Remove and install large vehicle windscreens

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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 windscreens on two different large vehicles.

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 repair laminated glass windscreens, including:
 - safety data sheets (SDS) relating to adhesives
 - manufacturer's specifications or equivalent documentation
- workplace procedures required to repair laminated glass windscreens 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 large vehicle windscreens, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and lifting and support equipment
 - working at heights using harnesses and scaffolds
 - using safety data sheets (SDS) for adhesives

- material handling and storage
- environmental requirements relating to removing and installing large vehicle windscreens, including procedures for trapping, storing and disposing of waste materials and chemicals
- type and uses of windscreen specialist tools, equipment and materials including:
 - manufacturer or windscreen supplier approved adhesives and sealants
 - flat laminated glass
 - material for templates
 - cleaning solvents and materials
 - application equipment for adhesives and sealants
 - template preparation equipment
 - glass cutting tools and equipment
- removal and installation methods and techniques for different types of large vehicle windscreens, including:
 - rubber and direct glazed installation methods
 - windscreen handling techniques
 - flat laminated glass cutting equipment and processes
 - windscreen attachment methods, including frames, clamps and special rubber sections
- types of glass, including:
 - sealing methods
 - adhesive curing times and finishing techniques
 - potential problems and consequences
- procedures for protecting vehicle and components during windscreen removal and installation work
- procedures for final inspection of fitted large vehicle windscreens.

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 large vehicle windscreens 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
- SDS for adhesives
- PPE required to remove and install large vehicle windscreens, including safety harnesses and scaffold equipment

- vehicle manufacturer, windscreen supplier, and specific workplace technical specifications
- materials for preparing templates
- windscreen or glass components
- flat laminated glass and cutting equipment
- two different large vehicles requiring windscreens to be fitted
- vehicle protection covers
- cleaning agents
- tools, equipment and materials appropriate for removing and installing large vehicle windscreens.

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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