



Australian Government

AUMGTG001 Install fixed and moveable glass components on vehicles

Release: 2

AUMGTG001 Install fixed and moveable glass components on vehicles

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTG3001 Install fixed and moveable glass components
Release 2	Updated for clarity and policy adherence

Application

This unit describes the performance outcomes required to cut, prepare and install fixed and moveable glass components on vehicles.

It applies to those in an automotive manufacturing environment and involves the application of skills and knowledge at a production worker level.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

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.
1. Plan and prepare for work	1.1 Identify job specifications from work orders and work instructions 1.2 Identify relevant workplace procedures 1.3 Select materials to meet work requirements and job specifications
2. Fabricate templates, mark and cut glass openings	2.1 Fabricate templates to meet job specifications 2.2 Use templates to mark and cut glass opening using workplace methods and equipment

Elements	Performance Criteria
	2.3 Prepare vehicle panels and trims for installing glass components
3. Install glass components	3.1 Identify and select adhesives or glass retaining systems according to work order and job specification 3.2 Install glass components according to vehicle manufacturer specifications 3.3 Check installed glass components against specifications and leak testing, taking corrective action as required
4. Complete work processes	4.1 Clean work area, disposing of recycling materials according to workplace procedures 4.2 Check, clean and maintain tools and equipment, and store according to workplace procedures 4.3 Complete workplace documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skills	Description
Reading skills to:	- interpret job specifications and work instructions - identify work health and safety (WHS) requirements from workplace procedures - interpret operating procedures of tools and equipment - identify work orders.
Writing skills to:	complete job sheets relating to installation.
Numeracy skills to:	- identify, mark out and measure glass components and templates according to specifications - use measuring equipment.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AUMGTG001	AUMGTG001 Install	Minor updates to	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
Install fixed and moveable glass components on vehicles (Release 2)	fixed and moveable glass components on vehicles (Release 1)	Assessment Requirements. Performance Criteria changed from passive to active voice. Rationalisation of Range of Conditions.	

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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Performance Evidence

Before competency can be determined, individuals must have competently installed glass components on vehicles on a minimum of two occasions.

Individuals must demonstrate they can:

- interpret job information
- mark out and fabricate templates for glass components
- select appropriate glass sealants, adhesives, tools and equipment
- prepare, install and adjust fixed and moveable glass components according to workplace procedures and work health and safety (WHS) requirements, including:
 - vehicle protection measures
 - personal protective equipment – safety glasses, gloves and coveralls
- leak test installed glass components
- check, clean and maintain tools and equipment, and store appropriately
- clean and recycle appropriate material
- complete workplace documentation relating to installation.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- workplace procedures and WHS requirements relating to installing fixed and moveable glass components on vehicles
- workplace quality guidelines for installing glass components in vehicles
- work documentation covering procedures, specifications, schedules and work plans
- template measuring and marking out procedures
- cutting procedures for vehicle panels and trim

- installation procedures for fixed, bonded and moveable glass components
- urethane, rubber and butyl installation methods
- bonded glass installation methods.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles on which they have worked, e.g. work sheets.

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 manufacturing workplace or simulated workplace
- tools and equipment required for installing glass components
- automotive vehicle or simulated frame for glass installation
- materials to produce templates for glass components
- fixed and movable glass components
- work orders and job specifications
- WHS requirements for installing glass components on vehicles, including:
 - vehicle protection equipment
 - personal protective equipment, including safety glasses, gloves and coveralls
- workplace procedures to install fixed and moveable glass components on vehicles
- workplace documentation relating to installing glass components on vehicles, including:
 - customer details
 - glass warranty information
 - work sheets.

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