



Australian Government

AURVTN011 Remove and install vehicle rear vision mirrors

Release: 1

AURVTN011 Remove and install vehicle rear vision mirrors

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and install rear vision mirrors attached to vehicle windscreens. It involves preparing for the task, selecting and using tools and equipment, selecting glass adhesives, cleaning glass surface, apply adhesive, positioning and securing rear vision mirror, and completing workplace processes and documentation.

It applies to those working in the automotive 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 - Body

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 rear vision mirror	1.1 Job requirements are determined from workplace instructions 1.2 Manufacturer removal and installation information and adhesive safety data sheets (SDS) are sourced and interpreted 1.3 Materials for rear vision mirror installation are selected and checked for quality and serviceability

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.
	1.4 Hazards associated with the work are identified and risks are managed 1.5 Tools and equipment are sourced and checked for serviceability 1.6 Work is planned to identify methods, minimise waste, and prevent damage to vehicle
2. Remove and install rear vision mirror	2.1 Rear vision mirror is removed according to workplace procedures and <i>safety and environmental requirements</i> , and without causing damage to vehicle or components 2.2 Glass surface is cleaned and prepared 2.3 Adhesive is prepared and applied to surface for rear vision mirror installation 2.4 Mirror is positioned accurately and installed using manufacturer-approved methods, materials and equipment
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations 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
Learning skills to:	locate specifications and relevant information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report issues, defects and outcomes.
Numeracy skills to:	measure location for mirror on windscreen and position it accurately.

Skills	Description
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use specialised tools and measuring 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.

Materials must include:	- rear vision mirror - adhesives or adhesive system - cleaning products.
Safety and environmental requirements must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using personal protective equipment (PPE) - using tools, equipment and adhesives - using SDS for adhesives - cleaning glass surfaces - environmental requirements, including procedures for trapping, storing and disposing of waste materials and adhesives.

Unit Mapping Information

Equivalent to AURVTN2011 Remove and install rear vision mirrors

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 AURVTN011 Remove and install vehicle rear vision mirrors

Modification History

Release	Comment
Release 1	New unit of competency.

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 rear vision mirrors to three different vehicles.

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 rear vision mirrors, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools, equipment and adhesives
 - using safety data sheets (SDS) for adhesives
 - cleaning glass surfaces
- environmental requirements, including procedures for trapping, storing and disposing of waste materials and adhesives
- mirror removal and installation methods and techniques, including:
 - types and use of equipment and materials
 - glass and rear vision mirror surface cleaning
 - types of mirror adhesives and their application
 - correct placement and location of rear vision mirrors
- procedures for protecting vehicle and components when removing and installing mirrors
- procedures for final inspection of fitted rear vision mirrors.

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 tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the rear vision mirrors they have removed and installed, e.g. work 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 workplace or simulated workplace
- workplace instructions
- SDS for adhesives
- adhesives or adhesive system
- cleaning products
- three different vehicles requiring the removal and installation of rear vision mirrors
- tools, equipment and materials appropriate for removing and installing rear vision mirrors.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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