



**Australian Government**

# **AURVTN111 Remove and install vehicle rear vision mirrors**

**Release: 1**

# AURVTN111 Remove and install vehicle rear vision mirrors

## 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 rear vision mirrors attached to vehicle windscreens. This unit 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.

The unit applies to those who work in the automotive 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 – Body

## 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 rear vision mirror | 1.1 Identify job requirements from workplace instructions<br>1.2 Identify required information for repair activity<br>1.3 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures<br>1.4 Identify tools and equipment required for repair activity and establish serviceability according to workplace procedures |

| ELEMENT                                  | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Remove and install rear vision mirror | <ul style="list-style-type: none"><li>2.1 Carry out rear vision mirror removal according to workplace procedures, workplace health and safety and environmental requirements</li><li>2.2 Clean and prepare glass surface according to workplace procedures</li><li>2.3 Prepare and apply adhesive to glass surface</li><li>2.4 Position and install mirror according to workplace and manufacturer procedures and manufacturer specifications</li></ul> |
| 3. Complete work processes               | <ul style="list-style-type: none"><li>3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use</li><li>3.2 Clear work area and dispose of or recycle materials according to workplace procedures</li><li>3.3 Complete documentation according to workplace procedures</li></ul>                                                                                                                              |

## 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                | <ul style="list-style-type: none"><li>• Locates required information efficiently</li></ul>                                                                                                                 |
| Reading                 | <ul style="list-style-type: none"><li>• Organises and interprets technical information from workplace procedures, manufacturer specifications and safety data sheets (SDS)</li></ul>                       |
| Oral communication      | <ul style="list-style-type: none"><li>• Clarifies instructions and procedures</li><li>• Reports quality issues and job outcomes clearly</li></ul>                                                          |
| Numeracy                | <ul style="list-style-type: none"><li>• Measures location for mirror on windscreen and positions it accurately</li></ul>                                                                                   |
| Planning and organising | <ul style="list-style-type: none"><li>• Plans own work requirements</li><li>• Prioritises actions to achieve required outcomes</li><li>• Ensures tasks are completed within workplace timeframes</li></ul> |
| Technology              | <ul style="list-style-type: none"><li>• Uses specialised tools and measuring equipment</li></ul>                                                                                                           |

## Unit Mapping Information

Supersedes and is equivalent to AURVTN011 Remove and install rear vision mirrors.

## 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 AURVTN111 Remove and install vehicle rear vision mirrors

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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 rear vision mirrors on three different 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 remove and replace rear vision mirrors, including:
  - safety data sheets (SDS) relating to adhesives
  - manufacturer's specifications or equivalent documentation
- workplace procedures required to remove and replace rear vision mirrors, 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 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 relating to removing and installing vehicle rear vision mirrors, 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

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.

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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