



Australian Government

AURVTN005 Remove and replace adhesive attached components on vehicles

Release: 1

AURVTN005 Remove and replace adhesive attached components on vehicles

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and replace adhesive attached components on vehicles. It involves preparing for the task, selecting and using tools and equipment, removing and replacing mouldings, badges, transfers and decals, selecting adhesives according to manufacturer specifications, and completing workplace processes and documentation.

It applies to those working in the automotive body 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 replace adhesive attached components on vehicles	1.1 Job requirements are determined from workplace instructions 1.2 Removal and replacement information for <i>adhesive attached components</i> is sourced and interpreted from manufacturer specifications and workplace procedures

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.
	1.3 Mouldings and decals are sourced and inspected for quality 1.4 Hazards associated with the work are identified and risks are managed 1.5 Tools and equipment, including personal protective equipment (PPE), are identified and checked for serviceability 1.6 Work is planned and removal and replacement procedures are identified to prevent damage to vehicle
2. Remove adhesive attached components on vehicles	2.1 Removal of adhesive attached components is completed using approved equipment from manufacturer, including hot air guns 2.2 Reusable adhesive attached components are inspected and cleaned in preparation for replacement 2.3 Work is completed according to <i>safety and environmental requirements</i> and without causing damage to system and components, including adhesive attached components
3. Attach adhesive components on vehicles	3.1 Components to be replaced are checked and confirmed to be within manufacturer specifications 3.2 Adhesive is selected and applied according to <i>product specification</i> 3.3 Attached components are checked for fit and alignment, and to ensure that they are free of air bubbles
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and vehicle is presented ready for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 4.4 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.

Skills	Description
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:	- use basic mathematical operations, including addition, subtraction, multiplication and division, to calculate adhesive ratio requirements - identify measurements, location and tolerances of adhesive attached components.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Problem solving skills to:	identify defects and potential problems associated with removing and replacing adhesive attached components.

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.

<i>Adhesive attached components</i> must include:	- protector mouldings - badges - transfers - decals - attachment clips.
<i>Safety and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using PPE - using manual handling and storage techniques - using tools and equipment - handling and storing adhesives - environmental requirements, including procedures for trapping, storing and disposing of waste materials.
<i>Application</i> must include:	- attaching mouldings using two-way adhesive tape - attaching transfers and decals following product replacement instructions.
<i>Product specification</i> must	- type - method

include:	• application • thickness.
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Unit Mapping Information

Equivalent to AURVTN2005 Remove and fit protector mouldings, transfers and decals

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 AURVTN005 Remove and replace adhesive attached components on vehicles

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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 replace three of the following adhesive attached components on vehicles:
 - protector mouldings
 - badges
 - transfers
 - decals.

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 replacing adhesive attached components on vehicles, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using manual handling and storage techniques
 - using tools and equipment
 - handling and storing adhesives
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- methods and techniques for removing different types of adhesive attached components, including suitable removal methods and tools
- methods and techniques for replacing different types of adhesive attached components, including:
 - fastening methods: adhesive and mechanical methods

- types and application of adhesives
- procedures for final inspection of replaced adhesive attached components.

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 adhesive attached components they have removed and replaced on vehicles, 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 repair workplace or simulated workplace
- workplace instructions
- vehicles requiring removal and replacement of adhesive attached components
- protector mouldings, transfers, badges and decals to be removed and replaced
- tools, equipment and materials appropriate for removing and replacing adhesive attached components, including:
 - adhesive tape
 - required PPE.

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