



Australian Government

AURVTT004 Trim vehicle components

Release: 1

AURVTT004 Trim vehicle components

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to calculate, mark, cut, sew and attach trim material to vehicle components. It involves preparing for the task, selecting and using specialist tools and equipment, selecting trim materials and checking their quality, developing material patterns, fabricating, assembling and attaching trim to components and checking trim against specifications, and completing workplace processes and documentation.

It applies to those working in the automotive and marine trimming industry.

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

Competency Field

Vehicle Body

Unit Sector

Technical - Trimming and Upholstery

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 for work	1.1 Job requirements are determined from workplace instructions 1.2 Trim materials are selected and inspected for quality 1.3 Safety data sheets (SDS) are sourced and interpreted 1.4 Hazards associated with the work are identified and risks are managed

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.
	1.5 <i>Trim tools and equipment</i> and personal protective equipment (PPE) are selected and checked for serviceability 1.6 Work is planned to minimise waste and use time efficiently
2. Measure, mark, cut and fabricate trim	2.1 Material patterns are developed and prepared for use 2.2 Trim materials are measured, marked and cut according to workplace instructions and prepared pattern 2.3 Trimming tools and equipment are used according to workplace procedures and <i>safety and environmental requirements</i> 2.4 Trim is fabricated according to work instructions and job requirements
3. Attach trim	3.1 Trim materials are fitted and checked for alignment, appearance and quality according to job specifications and workplace instructions 3.2 Trim materials are attached to vehicle component and checked against specifications
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and component is presented ready for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable materials 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 appropriate sources of information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report quality issues and job outcomes.

Skills	Description
Numeracy skills to:	• use basic mathematical operations, including addition and subtraction, to calculate: • fitting measurements • quantities of required materials
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 specialist trim tools and 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.

<i>Trim tools and equipment</i> must include:	• sewing machines • hand tools.
<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 SDS for trim materials • using specialist tools and equipment • manual handling techniques • environmental requirements, including procedures for storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTT2004 Trim vehicle components

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 AURVTT004 Trim vehicle components

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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:

- manufacture and attach two different trim components.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to trimming vehicle components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using safety data sheets (SDS) for trim materials
 - using specialist tools and equipment
 - manual handling techniques
- environmental requirements, including procedures for storing and disposing of waste materials
- types and uses of trimming materials, including detection of faults and repair defects
- types and uses of specialist tools and equipment needed to manufacture and attach trim components
- techniques and procedures for trimming components, including:
 - measuring, marking and cutting
 - sewing techniques
 - trim removal and replacement
 - trim cleaning
- procedures for protecting vehicle and components when trimming components
- procedures for final inspection of trimmed component.

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 vehicle components that they have trimmed, 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 or marine trimming workplace or simulated workplace
- workplace instructions
- PPE required to trim components
- SDS for trim materials
- vehicle or components for trimming
- tools, equipment and materials appropriate for trimming vehicle components.

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