



Australian Government

AURVTT119 Fabricate and install automotive and marine frames, canopies and side curtains

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with the Automotive Retail, Service and Repair Training Package Version 7.0. Supersedes and is equivalent to AURVTT019 Fabricate and install automotive and marine frames, canopies and side curtains.

Application

This unit describes the skills and knowledge required to measure, trim, assemble and fit automotive and marine frames, canopies and side curtains to manufacturer specifications. It involves preparing for the task, selecting and using specialist equipment and materials and completing workplace procedures and documentation.

The unit applies to those undertake routine installation tasks in the automotive and marine trimming, service and repair industry.

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

Unit Sector

Technical - Trimming and Upholstery

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 install, frames, canopies and side curtains	1.1 Determine job requirements according to workplace instructions 1.2 Access and interpret original equipment manufacturer (OEM) specifications and product installation instructions 1.3 Select automotive or marine upholstery installation method for the identified job requirements 1.4 Identify hazards and environmental issues associated with work tasks, assess potential risks and implement control

	measures according to workplace policies and procedures 1.5 Select and source fabrication materials according to job requirements 1.6 Select and check installation tools and equipment and personal protective equipment for serviceability
2. Fabricate frames, canopies and side curtains	2.1 Measure and trim materials according to job requirements and workplace instructions 2.2 Fabricate and assemble upholstery according to workplace procedures and job and safety requirements
3. Install frames, canopies and side curtains	3.1 Install upholstery components according to manufacturer specifications, workplace procedures and safety requirements without interfering with existing components 3.2 Test upholstery components and adjust where required, according to workplace procedures 3.3 Conduct final inspection and confirm vehicle is ready for use, according to road safety standards and operational requirements
4. Complete work processes	4.1 Clean work area, collect recyclable material and dispose of waste and non-recyclable materials 4.2 Check, tag, and isolate faulty tools materials and equipment according to workplace procedures 4.3 Store working tools and equipment according to workplace procedures 4.4 Document installation and testing process according to workplace procedures

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	locates appropriate sources of information efficiently
Numeracy	uses basic mathematical operations to measure and mark out templates, panels and trim sections
Oral communication	- clarifies instructions and procedures - clearly reports quality issues and job outcomes
Writing	legibly and accurately fills out workplace documentation
Planning and	plans own work requirements and prioritises actions to achieve required outcomes and ensure tasks are completed within workplace

organising	timeframes.
Technology	• uses specialised workplace technology, materials, equipment and tools

Unit Mapping Information

Supersedes and is equivalent to AURVTT019 Fabricate and install canopies and curtains.

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 AURVTT119 Fabricate and install automotive and marine frames, canopies and side curtains

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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:

- fabricate and install at least two of the following upholstery components into an automotive or marine vehicle:
 - frame
 - canopy
 - side curtain.

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:

- key work health and safety (WHS), environmental and occupational health requirements relating to fabricating and installing automotive and marine frames, canopies and side curtains, including those relating to:
 - selecting and using personal protective equipment (PPE)
 - using specialist tools and equipment
 - manual handling components
 - storing and disposing of waste materials
 - identifying hazards and controlling risks
- workplace policies and procedures required to fabricate and install automotive marine frames, canopies and side curtains, including:
 - establishing serviceability of equipment
 - documentation requirements
- quality standards and specifications relating to installing vehicle components, including:
 - manufacturer specifications

- road safety standards
- requirements of vehicle standards and modifications
- key types of upholstery components, including:
 - frames, canopies and side curtains
- key maintenance procedures of fabrication tools and equipment
- types of materials and consumables used in upholstery fabrication and installation and their applications, including:
 - adhesives
 - aluminium or stainless steel tubing
 - bindings and zippers
 - canvas
 - fabrics
 - fasteners
 - polyvinyl chloride (PVC)
- methods of operation and techniques for fabricating and installing upholstery components using specialised tools and equipment, including:
 - planning
 - measuring
 - selecting material
 - marking out
 - trimming and cutting
 - sewing materials, seams, attachments, bindings, zippers and pockets
 - using adhesives
 - fitting and fastening.

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 fabrication and installation of automotive and marine frames, canopies and side curtains they have applied, 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:

- work sheets, workplace instructions and manufacturing documentation relating to upholstery component installation
- PPE required to fabricate and install a frame, canopy and/or side curtain
- automotive or marine vessel or simulated jig requiring frame, canopy and side curtain to be fabricated and installed

- tools, equipment and materials appropriate for fabricating and installing frames, canopies and side curtains.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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