



Australian Government

**AURVTT019 Fabricate and install
automotive and marine frames, canopies
and side curtains**

Release: 1

AURVTT019 Fabricate and install automotive and marine frames, canopies and side curtains

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to measure, mark out and cut, fabricate and install automotive and marine frames, canopies and side curtains to manufacturer specifications and customer instructions. It involves preparing for the task, selecting and using specialist tools and equipment, selecting materials and checking their quality, 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 fabrication	1.1 Job requirements are determined from workplace instructions 1.2 Frame, components and <i>materials</i> are selected and inspected for quality 1.3 Hazards associated with the work are identified and risks are

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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.
	managed 1.4 Tools and equipment, including personal protective equipment (PPE), are selected and checked for serviceability 1.5 Work is planned to minimise waste and use time efficiently
2. Undertake fabrication and installation activities	2.1 Material is measured, marked out and cut according to job requirements and workplace instructions 2.2 Specialist tools and equipment are used according to <i>safety and environmental requirements</i> 2.3 Frame, canopies and side curtains are fabricated and assembled according to job requirements, workplace procedures, and safety and environmental requirements 2.4 Frame, canopies and side curtains are installed and fastened according to workplace procedures and without causing damage to vehicle, vessel or components 2.5 Installation and fastening are checked for correct operational requirements
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and vehicle or vessel 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:	<ul style="list-style-type: none"> • locate appropriate sources of information efficiently.
Writing skills to:	<ul style="list-style-type: none"> • legibly and accurately fill out workplace documentation.
Oral communication skills to:	<ul style="list-style-type: none"> • clarify instructions and procedures • clearly report quality issues and job outcomes.

Skills	Description
Numeracy skills to:	<ul style="list-style-type: none"> use basic mathematical operations, including addition and subtraction, to calculate: <ul style="list-style-type: none"> quantities of required materials fitting measurements.
Planning and organising skills to:	<ul style="list-style-type: none"> plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	<ul style="list-style-type: none"> use specialist 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>Materials</i> must include:	<ul style="list-style-type: none"> adhesives polyvinyl chloride (PVC) canvas aluminium or stainless steel tubing fasteners bindings and zippers.
<i>Safety and environmental requirements</i> must include:	<ul style="list-style-type: none"> work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: <ul style="list-style-type: none"> selecting and using PPE using specialist tools and equipment manual handling components environmental requirements, including procedures for storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTT3019 Fabricate and install canopies and curtains

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

