



**Australian Government**

# **AURVTT018 Fabricate and install automotive and marine soft top hoods**

**Release: 1**

# AURVTT018 Fabricate and install automotive and marine soft top hoods

## Modification History

Release	Comment
Release 1	New unit of competency.

## Application

This unit describes the performance outcomes required to measure, mark out and cut, and fabricate and install vehicle or marine soft top hoods. It involves preparing for the task, selecting and using specialist tools and equipment, selecting materials and checking their quality, fabricating and assembling soft top hoods according to vehicle manufacturer specifications and customer instructions, 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 to fabricate soft top hood	1.1 Job requirements are determined from workplace instructions 1.2 Original equipment manufacturer (OEM) specifications and workplace procedures are accessed and interpreted

<b>Elements</b>	<b>Performance Criteria</b>
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 <b><i>Materials</i></b> required to fabricate soft top hoods are selected 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 selected and checked for serviceability 1.6 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 using patterns and templates and according to OEM specifications and workplace instructions 2.2 Specialist tools and equipment are used according to <b><i>safety and environmental requirements</i></b> 2.3 Soft top hood is fabricated and assembled according to job requirements, workplace procedures, and safety and environmental requirements 2.4 Soft top hood is installed and fastened according to workplace procedures and without causing damage to vehicle 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.

<b>Skills</b>	<b>Description</b>
Learning skills to:	<ul style="list-style-type: none"> <li>locate appropriate sources of information efficiently.</li> </ul>

<b>Skills</b>	<b>Description</b>
Writing skills to:	<ul style="list-style-type: none"> <li>legibly and accurately fill out workplace documentation.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>clarify instructions and procedures</li> <li>clearly report quality issues and job outcomes.</li> </ul>
Numeracy skills to:	<ul style="list-style-type: none"> <li>use basic mathematical operations, including addition and subtraction, to calculate: <ul style="list-style-type: none"> <li>quantities of required materials</li> <li>fitting measurements.</li> </ul> </li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>use specialist tools and equipment.</li> </ul>

## 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.

<b><i>Materials</i></b> must include:	<ul style="list-style-type: none"> <li>adhesives</li> <li>vinyl</li> <li>fabric</li> <li>clear plastic</li> <li>soft top fasteners.</li> </ul>
<b><i>Safety and environmental requirements</i></b> must include:	<ul style="list-style-type: none"> <li>work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: <ul style="list-style-type: none"> <li>selecting and using PPE</li> <li>using specialist tools and equipment</li> <li>manually handling materials</li> </ul> </li> <li>environmental requirements, including procedures for storing and disposing of waste materials.</li> </ul>

## Unit Mapping Information

Equivalent to AURVTT3018 Fabricate and install soft tops hoods

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>