



Australian Government

AURVTN138 Carry out basic repairs to vehicle body panels

Release: 2

AURVTN138 Carry out basic repairs to vehicle body panels

Modification History

Release	Comments
Release 2	This version released with the Automotive Retail, Service and Repair Training Package Version 7.0. Updated to resolve mapping errors.
Release 1	This version first released with the Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to carry out basic repairs to vehicle body panels. This unit involves planning and preparing for the task, identifying and using abrasives, body fillers, and heat shrink and metal finishing procedures, selecting and using tools and equipment, and maintaining the work area, tools and equipment.

The unit applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context.

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

Unit Sector

Vehicle Body Technical - Body

Elements and Performance Criteria

ELEMENTS	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 repair body panel	1.1 Interpret task instructions and identify vehicle body panel to be worked on 1.2 Source and interpret manufacturer specifications and workplace procedures for repairing body panel

ELEMENTS	PERFORMANCE CRITERIA
	1.3 Source and interpret safety and environmental requirements 1.4 Identify and report potential hazards and risks associated with task to workplace supervisor 1.5 Identify and check tools and equipment required for repairing body panel for serviceability
2. Carry out basic panel repairs	2.1 Shape damaged panel using basic panel beating techniques according to workplace instructions and safety and environmental requirements, and without causing damage to components, tools or equipment 2.2 Carry out body filling and metal finishing according to workplace procedures and safety and environmental requirements 2.3 Complete panel repair to pre-paint condition according to workplace instructions and procedures, and safety and environmental requirements
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 Complete documentation 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 required sources of information efficiently.
Numeracy	Uses basic mathematical operations, including addition, subtraction, multiplication and division, to calculate distances.
Oral communication	Participates effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.
Reading	- Selects and interprets key information from: - manufacturer literature, safety requirements and workplace procedures for repairing a body panel - Environmental requirements and workplace procedures to ensure a clean and safe work site.

Unit Mapping Information

Supersedes and is equivalent to AURVTN038 Carry out basic repairs to vehicle body panels.

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 AURVTN138 Carry out basic repairs to vehicle body panels

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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:

- carry out basic repairs on at least two different vehicle body panels, including:
 - at least one vehicle mud guard
 - at least one vehicle door.

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:

- methods to locate and interpret information required to carry out basic repairs to vehicle body panels, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to carry out basic repairs to vehicle body panels, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures

- work health and safety (WHS) requirements relating to carrying out basic repairs to vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - using hand tools
- environmental requirements, including procedures for trapping, storing and disposing of waste produced during body panel repair processes
- types and construction of vehicle body panels
- body panel repair procedures, including:
 - basic panel beating
 - types and application of body fillers
 - basic body filler repair.

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.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the body panels that they have repaired, 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
- PPE for carrying out panel repairs
- one vehicle mud guard
- one vehicle door
- tools, equipment and materials appropriate for repairing body panels.

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

Links

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