



Australian Government

AURVTN038 Carry out basic repairs to vehicle body panels

Release: 1

AURVTN038 Carry out basic repairs to vehicle body panels

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to carry out basic repairs to vehicle body panels. It 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.

It 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 and is not suitable for use in a vocational qualification.

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

Competency Field

Vehicle Body

Unit Sector

Technical - Body

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 repair body panel	1.1 Task instructions are interpreted and vehicle body panel to be worked on is identified 1.2 Manufacturer specifications and workplace procedures for

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	repairing body panel are sourced and interpreted 1.3 <i>Safety and environmental requirements</i> are sourced and interpreted 1.4 Potential hazards and risks associated with task are identified and reported to workplace supervisor 1.5 Tools and equipment required for repairing body panel are identified and checked for serviceability
2. Carry out basic panel repairs	2.1 Damaged panel is shaped 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 Body filling and metal finishing are carried out according to workplace procedures and safety and environmental requirements 2.3 Panel repair is completed to pre-paint condition according to workplace instructions and procedures, and safety and environmental requirements
3. Complete work processes	3.1 Final inspection is made to ensure work meets task instructions and workplace standards, and repaired body panel is presented ready for painting 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored according to environmental requirements and workplace procedures 3.3 Tools and equipment are checked and stored according to workplace procedures, or tagged and reported as required 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:	locate appropriate sources of vehicle panel repair information and procedures.

Skills	Description
Reading skills to:	- select and interpret 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.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.
Numeracy skills to:	use basic mathematical operations, including addition, subtraction, multiplication and division, to calculate distances.

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>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 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.
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Unit Mapping Information

No equivalent unit.

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 AURVTN038 Carry out basic repairs to vehicle body panels

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

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

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) 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

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.

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.

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