



Australian Government

AURVTN002 Carry out non-structural vehicle panel repairs

Release: 1

AURVTN002 Carry out non-structural vehicle panel repairs

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to perform non-structural vehicle panel repairs to pre-paint condition. It involves preparing for the task, selecting and using specialist tools and equipment, repairing panels according to manufacturer specifications and workplace procedures, and completing workplace processes and documentation.

It applies to those working in the automotive body service and repair industry.

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 for non-structural panel repairs	1.1 Job requirements are determined from workplace instructions 1.2 Workplace procedures and product manufacturer and original equipment manufacturer (OEM) specifications are sourced and interpreted 1.3 Hazards associated with the work are identified and risks are managed

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.
	1.4 Equipment and hand and power tools are selected and checked for serviceability 1.5 Work is planned to minimise waste according to workplace procedures
2. Carry out non-structural panel repairs to pre-paint condition	2.1 Panels are repaired using approved repair methods, materials and equipment according to OEM specifications and <i>safety and environmental requirements</i> 2.2 Repairs are finished to pre-paint condition according to workplace procedures 2.3 Advice is sought from appropriate personnel if repair interferes with the vehicle's trim or electrical and mechanical systems
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and 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 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:	locate specifications and relevant information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report issues, defects and outcomes.
Numeracy skills to:	- use basic mathematical operations, including addition, subtraction, multiplication and division, to calculate filler quantities and correct mixing ratios - set repair tools and equipment.

Skills	Description
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Problem solving skills to:	identify repair problems and avoid rework and waste.
Teamwork skills to:	seek advice from and use strengths of team members and supervisor.
Technology skills to:	use tools and measuring 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>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) - manually handling vehicle panels - using tools and equipment - environmental requirements, including procedures for trapping, storing and disposing of waste materials.
---	---

Unit Mapping Information

Equivalent to AURVTN2002 Carry out panel repairs

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 AURVTN002 Carry out non-structural vehicle panel repairs

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

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

- carry out non-structural vehicle panel repairs on three different vehicles.

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 non-structural vehicle panel repairs, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling vehicle panels
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- panel repair methods and techniques, including:
 - panel repair tools, equipment and materials
 - panel beating techniques
 - body filler types and recommended applications
 - abrasive grades and types
 - body filler finishing procedures
 - repair quality requirements to pre-paint condition
- procedures for final inspection of completed non-structural panel repairs.

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 of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the non-structural panel repairs that they have carried out, 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
- workplace instructions
- original equipment manufacturer (OEM) and component supplier repair specifications
- PPE to carry out non-structural vehicle panel repairs
- three different vehicles with non-structural damage requiring repair
- body filler
- tools, equipment and materials appropriate for carrying out non-structural panel repairs.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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