



Australian Government

AURVTN102 Carry out non-structural vehicle panel repairs

Release: 1

AURVTN102 Carry out non-structural vehicle panel repairs

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to perform non-structural vehicle panel repairs to pre-paint condition. This unit 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.

The unit 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.

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 for non-structural panel repairs	1.1 Determine job requirements from workplace instructions 1.2 Source and interpret workplace procedures and product manufacturer and original equipment manufacturer (OEM) specifications 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check equipment and hand and power tools for serviceability 1.5 Plan work to minimise waste according to workplace procedures
2. Carry out non-structural panel repairs to pre-paint	2.1 Repair panels using required repair methods, materials and equipment according to OEM specifications and safety and environmental requirements

ELEMENTS	PERFORMANCE CRITERIA
condition	2.2 Finish repairs to pre-paint condition according to workplace procedures 2.3 Obtain advice from required personnel if repair interferes with the vehicle's trim or electrical and mechanical systems
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 specifications and required information efficiently - Develops a sequenced plan for a specific task.
Numeracy	- Uses basic mathematical operations, including addition, subtraction, multiplication and division, to calculate filler quantities and mixing ratios - Sets repair tools and equipment.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Teamwork	Seeks advice from and uses strengths of team members and supervisor.
Technology	Uses tools and measuring equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTN002 Carry out non-structural vehicle panel repairs.

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 AURVTN102 Carry out non-structural vehicle panel repairs

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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 non-structural vehicle panel repairs on at least three different vehicles.

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 non-structural vehicle panel repairs, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to carry out non-structural vehicle panel repairs, 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 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

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.

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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