



Australian Government

AURVNN101 Evaluate vehicle bodywork for damage and identify repair requirements

Release: 1

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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 evaluate the bodywork of a vehicle for damage and to identify the materials, equipment and processes required to repair it. This unit involves using vehicle paint, body and mechanical technical knowledge and locating, evaluating and documenting relevant information when selecting materials, equipment and processes.

The unit applies to those who evaluate the bodywork of a vehicle for damage and select materials, equipment and processes to repair the vehicle in a vehicle repair or vehicle loss assessment environment. Vehicles may include light vehicles, commercial vehicles, heavy vehicles, agricultural and plant equipment, recreational vehicles and motorcycles.

Licensing, legislative, regulatory or certification requirements may apply to this unit in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Unit Sector

Vehicle Body Loss Assessment and Repair Quoting - 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 work	1.1 Use work instructions to determine job requirements 1.2 Read, interpret and comply with workplace policies, safety requirements, procedures, legal requirements, and component supplier specifications 1.3 Select and check safety equipment, tooling equipment, and materials and equipment
2. Assess vehicle	2.1 Locate vehicle to be inspected

ELEMENTS	PERFORMANCE CRITERIA
bodywork for damage	2.2 Dismantle and inspect vehicle system and components to determine vehicle damage and faults 2.3 Inspect vehicle in line with workplace policies and procedures, legal requirements, vehicle manufacturer and component supplier specifications, safety requirements and workplace environmental practices 2.4 Determine suitability of vehicle for insurance according to workplace policies and procedures
3. Gather vehicle data and specifications	3.1 Identify and document bodywork process specifications 3.2 Consult staff and management to identify additional or altered specifications 3.3 Evaluate existing materials and equipment 3.4 Compile and document vehicle data and specifications
4. Evaluate and select materials, equipment and processes	4.1 Determine materials and equipment options 4.2 Assess materials and equipment for quality finish and conformity to standards 4.3 Compare specifications of materials and equipment for performance and cost 4.4 Determine commercial, environmental and safety impact of materials and equipment selection 4.5 Select materials, equipment and processes based on performance, cost, specifications and impact comparison 4.6 Document evaluation process as required by organisational policies and procedures, and legal requirements

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.
Teamwork	Works effectively and cooperatively with others in identifying specifications that contribute to evaluation of vehicle repair requirements.
Planning and organising	- Organises activities - Identifies and evaluates options systematically.
Problem solving	Identifies potential technical and procedural problems and

SKILL	DESCRIPTION
	variables.

Unit Mapping Information

Supersedes and is equivalent to AURVNN001 Evaluate vehicle bodywork for damage and identify repair requirements.

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 AURVNN101 Evaluate vehicle bodywork for damage and identify repair requirements

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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:

- evaluate the damage on bodywork of at least of two vehicles and identify repair requirements, with at least one evaluation relating to minor damage and the other relating to extensive damage
- for each evaluation:
 - determine the impact of decisions in terms of commercial and safety risks
 - document bodywork materials, equipment and processes.

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 evaluate vehicle bodywork for damage and suggest repair materials, equipment and processes, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
 - recognised agency information, component supplier specifications, workshop manuals and repair guides
- workplace procedures required to evaluate vehicle bodywork for damage and suggest repair materials, equipment and processes, including:
 - documentation, recording and reporting procedures
 - use of digital images
- motor vehicle mechanical, electrical, paint, panel and structural:
 - extensive damage, which is damage that affects the safety and roadworthiness of a vehicle and includes:
 - body panel damage
 - bolt-on vehicle component damage

- mechanical component damage
- structural component damage
- structural damage
- welded or bonded key structural components, such as chassis rails damage
- faults
- dismantling and repair methods
- minor damage, which is damage that does not affect the safety and roadworthiness of a vehicle and includes:
 - bumper bar graze
 - hail damage
 - panel damage
- methods for sourcing current retail costs of vehicles and vehicle components and materials
- vehicle inspection and damage assessment procedures and methodologies, including repair set-up and dismantling procedures
- current assessing and quoting methodologies
- vehicle testing machines and procedures
- relevant automotive websites to locate information on current best practice and future trends in the vehicle loss assessment environment
- general insurance industry knowledge, including relevant sections of:
 - contract and insurance law
 - Insurance Contracts Act
 - intellectual property
 - Motor Vehicle Insurance and Repair Industry Code of Conduct
 - state or territory Fair Trading Act
- types of component supplier specifications available, including:
 - vehicle design specifications and drawings
 - repair instructions and procedures
 - component replacement instructions and procedures
- applicable commonwealth, state or territory laws, regulations and standards relating to evaluating vehicle damage, and suggesting repair materials, equipment and processes, including:
 - commercial-in-confidence practices
 - environmental regulations
 - intellectual property
 - personal legal liability
 - applicable Workplace Health and Safety Act
 - safety requirements in accordance with applicable commonwealth, state or territory Workplace Health and Safety Act, including:
 - ensuring safe location of vehicle to be inspected
 - following workplace safety procedures
 - identifying potential safety hazards

- materials and equipment for evaluating vehicle damage, including:
 - digital camera
 - electronic or paper-based information and reports
 - maps
 - elcometer
 - hoist
 - personal computer, laptop or tablet, and internet connection
 - personal protective equipment (PPE) kit and protective covers
 - portable light
- workplace policies and procedures relating to evaluating vehicle damage, and suggesting repair materials, equipment and processes, including:
 - quality policies and procedures according to Australian standards
 - industry codes of practice.

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 vehicles that they have assessed, e.g. assessment reports

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- a range of vehicles with both minor and extensive vehicle damage
- computer hardware, software and calculators
- internet access
- necessary tools and equipment
- relevant information, including OEM or recognised agency information and repair procedures, workshop and body repair manuals
- workplace technology.

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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