



Australian Government

AURVNN001 Evaluate vehicle bodywork for damage and identify repair requirements

Release: 1

AURVNN001 Evaluate vehicle bodywork for damage and identify repair requirements

Modification History

Release	Comment
Release 1	New unit of competency

Application

This unit describes the performance outcomes required to evaluate the bodywork of a vehicle for damage and to identify the materials, equipment and processes required to repair it. It 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 evaluating the bodywork of a vehicle for damage and selecting 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.

Competency Field

Vehicle Body

Unit Sector

Loss Assessment and Repair Quoting - 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 italicised text is used, further information is detailed in the range of conditions section
1. Prepare for work	1.1 Work instructions are used to determine job requirements 1.2 Workplace and workplace <i>safety requirements</i> are read and complied with

ELEMENTS	PERFORMANCE CRITERIA
	1.3 Workplace policies and procedures, legal requirements, and component supplier specifications are read and interpreted 1.4 Safety equipment, tooling equipment, and materials and equipment are selected and checked
2. Assess vehicle bodywork for damage	2.1 Vehicle to be inspected is located 2.2 Preferred dismantling and inspection methods are determined that conform to workplace policies and procedures, legal requirements, and vehicle manufacturer and component supplier specifications 2.3 Vehicle system and components are dismantled and inspected to determine vehicle damage and faults 2.4 Vehicle is inspected in line with workplace policies and procedures, legal requirements, vehicle manufacturer and component supplier specifications, safety requirements and workplace environmental practices 2.5 Suitability of vehicle for insurance is determined according to workplace policies and procedures
3. Gather data and specifications	3.1 Bodywork process specifications are identified and documented 3.2 Staff and management are consulted to identify additional or altered specifications 3.3 Existing materials and equipment are evaluated 3.4 Data and specifications are compiled and documented
4. Evaluate and select materials, equipment and processes	4.1 Materials and equipment options are determined 4.2 Materials and equipment are assessed for quality finish and conformity to standards 4.3 Specifications of materials and equipment are compared for performance and cost 4.4 Commercial, environmental and safety impact of materials and equipment selection are determined 4.5 Materials, equipment and processes are selected based on performance, cost, specifications and impact comparison 4.6 Evaluation process is documented 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 and are not explicit in the performance criteria.

Skills	Description
Reading skills to:	• interpret technical specifications • analyse information relating to bodywork materials and equipment • analyse regulatory, environmental and safety procedures, best practice and future trends • research evaluation results.
Oral communication skills to:	• consult with staff and management to inform research and data gathering.
Planning and organising skills to:	• organise activities • systematically identify, research and evaluate options.
Problem-solving skills to:	• identify potential technical and procedural problems and variables.
Teamwork skills to:	• work effectively and cooperatively with others in identifying specifications that contribute to evaluation of vehicle repair requirements.

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 requirements</i> are to be in accordance with applicable commonwealth, state or territory Workplace Health and Safety Act or Occupational Health and Safety Act and must include:	• ensuring safe location of vehicle to be inspected • following workplace safety procedures • identifying potential safety hazards.
<i>Workplace policies and procedures</i> must include:	• environment and sustainability • job specifications • manufacturer specifications and industry codes of practice • quality policies and procedures, including Australian standards • reporting and recording procedures • safe work procedures.
<i>Legal requirements</i> are to be in accordance with	• environmental regulations • intellectual property.

applicable commonwealth, state, or territory legislation, regulations, certification requirements and codes of practice, and must include:	
Component supplier specifications must include at least one of the following:	• vehicle design specifications and drawings • repair instructions and procedures • component replacement instructions and procedures.
Materials and equipment must include:	• digital camera • electronic or paper-based information and reports • elcometer • hoist • internet connection • maps • personal computer, laptop or tablet • personal protective equipment (PPE) kit • portable light • protective covers.
Vehicle damage must include:	• all vehicle damage, including minor and extensive damage.

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 AURVNN001 Evaluate vehicle bodywork for damage and identify repair requirements

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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 and foundation skills:

- evaluate the damage on bodywork of a minimum 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

Individuals must be able to demonstrate knowledge of:

- 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
- current vehicle materials and retail costs
- 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
- methods for sourcing original equipment manufacturer (OEM) or recognised agency information, component supplier specifications, workshop manuals and repair guides
- 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 or Occupational Health and Safety Act
- workplace policies and procedures relating to evaluating vehicle damage, and suggesting repair materials, equipment and processes, including:
 - recording and reporting procedures
 - use of digital images.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

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.

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