



**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<br>1.2 Workplace and workplace <b><i>safety requirements</i></b> are read and complied with                                               |

| ELEMENTS                                                  | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           | <p>1.3 <b>Workplace policies and procedures, legal requirements, and component supplier specifications</b> are read and interpreted</p> <p>1.4 Safety equipment, tooling equipment, and <b>materials and equipment</b> are selected and checked</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2. Assess vehicle bodywork for damage                     | <p>2.1 Vehicle to be inspected is located</p> <p>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</p> <p>2.3 Vehicle system and components are dismantled and inspected to determine <b>vehicle damage</b> and faults</p> <p>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</p> <p>2.5 Suitability of vehicle for insurance is determined according to workplace policies and procedures</p> |
| 3. Gather data and specifications                         | <p>3.1 Bodywork process specifications are identified and documented</p> <p>3.2 Staff and management are consulted to identify additional or altered specifications</p> <p>3.3 Existing materials and equipment are evaluated</p> <p>3.4 Data and specifications are compiled and documented</p>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4. Evaluate and select materials, equipment and processes | <p>4.1 Materials and equipment options are determined</p> <p>4.2 Materials and equipment are assessed for quality finish and conformity to standards</p> <p>4.3 Specifications of materials and equipment are compared for performance and cost</p> <p>4.4 Commercial, environmental and safety impact of materials and equipment selection are determined</p> <p>4.5 Materials, equipment and processes are selected based on performance, cost, specifications and impact comparison</p> <p>4.6 Evaluation process is documented as required by organisational policies and procedures, and legal requirements</p>                                                                                                  |

## 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:                 | <ul style="list-style-type: none"> <li>interpret technical specifications</li> <li>analyse information relating to bodywork materials and equipment</li> <li>analyse regulatory, environmental and safety procedures, best practice and future trends</li> <li>research evaluation results.</li> </ul> |
| Oral communication skills to:      | <ul style="list-style-type: none"> <li>consult with staff and management to inform research and data gathering.</li> </ul>                                                                                                                                                                             |
| Planning and organising skills to: | <ul style="list-style-type: none"> <li>organise activities</li> <li>systematically identify, research and evaluate options.</li> </ul>                                                                                                                                                                 |
| Problem-solving skills to:         | <ul style="list-style-type: none"> <li>identify potential technical and procedural problems and variables.</li> </ul>                                                                                                                                                                                  |
| Teamwork skills to:                | <ul style="list-style-type: none"> <li>work effectively and cooperatively with others in identifying specifications that contribute to evaluation of vehicle repair requirements.</li> </ul>                                                                                                           |

## 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.

|                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><i>Safety requirements</i></b> 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: | <ul style="list-style-type: none"> <li>ensuring safe location of vehicle to be inspected</li> <li>following workplace safety procedures</li> <li>identifying potential safety hazards.</li> </ul>                                                                                                                                    |
| <b><i>Workplace policies and procedures</i></b> must include:                                                                                                                                      | <ul style="list-style-type: none"> <li>environment and sustainability</li> <li>job specifications</li> <li>manufacturer specifications and industry codes of practice</li> <li>quality policies and procedures, including Australian standards</li> <li>reporting and recording procedures</li> <li>safe work procedures.</li> </ul> |
| <b><i>Legal requirements</i></b> are to be in accordance with                                                                                                                                      | <ul style="list-style-type: none"> <li>environmental regulations</li> <li>intellectual property.</li> </ul>                                                                                                                                                                                                                          |

|                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| applicable commonwealth, state, or territory legislation, regulations, certification requirements and codes of practice, and must include: |                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Component supplier specifications</b> must include at least one of the following:                                                       | <ul style="list-style-type: none"> <li>• vehicle design specifications and drawings</li> <li>• repair instructions and procedures</li> <li>• component replacement instructions and procedures.</li> </ul>                                                                                                                                                                     |
| <b>Materials and equipment</b> must include:                                                                                               | <ul style="list-style-type: none"> <li>• digital camera</li> <li>• electronic or paper-based information and reports</li> <li>• elcometer</li> <li>• hoist</li> <li>• internet connection</li> <li>• maps</li> <li>• personal computer, laptop or tablet</li> <li>• personal protective equipment (PPE) kit</li> <li>• portable light</li> <li>• protective covers.</li> </ul> |
| <b>Vehicle damage</b> must include:                                                                                                        | <ul style="list-style-type: none"> <li>• all vehicle damage, including minor and extensive damage.</li> </ul>                                                                                                                                                                                                                                                                  |

## Unit Mapping Information

No equivalent unit.

## Links

Companion Volume implementation guides are found in VETNet -

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