



Australian Government

AURVTP031 Cut and polish painted vehicle body panels

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to cut and polish the painted surface of vehicle body panels. It involves planning and preparing for the task, identifying types of vehicle paint surfaces and finishes, cutting and polishing vehicle panels, and maintaining the work area, tools and equipment.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Vehicle Body

Unit Sector

Technical - Paint

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 to cut and polish vehicle body panel	1.1 Task instructions are interpreted and body panel to be worked on is identified 1.2 Paint finish type is identified and documented according to

Elements	Performance Criteria
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	workplace procedures 1.3 Manufacturer specifications and workplace procedures for cutting and polishing body panel surface are sourced and interpreted 1.4 <i>Safety and environmental requirements</i> are sourced and interpreted 1.5 Potential hazards and risks associated with task are identified and reported to workplace supervisor 1.6 Tools and equipment required for cutting and polishing body panel are identified and checked for serviceability
2. Cut and polish body panel	2.1 Polishing tools and equipment are used according to workplace procedures and safety and environmental requirements, and without causing damage to vehicle components or systems 2.2 Products are used according to vehicle paint finish type, workplace methods, and paint manufacturer specifications 2.3 Exterior paint finish is polished according to workplace and manufacturer prescribed procedures
3. Complete work processes	3.1 Final inspection is made to ensure work meets task instructions and workplace standards, and body panels are presented ready for use or storage according to workplace procedures 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored according to environmental requirements and workplace procedures 3.3 Tools and equipment are checked and stored according to workplace procedures, or tagged and reported as required 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 appropriate sources of vehicle panel cutting and polishing information and procedures.

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Reading skills to:	- select and interpret key information from: - manufacturer specifications, safety requirements and workplace procedures for cutting and polishing vehicle body panels - environmental requirements and workplace procedures to ensure a clean and safe work site.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	clarify instructions and procedures
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes.
Technology skills to:	set up and operate equipment and tools required to cut and polish body panels.

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), including safety glasses, ear protection and safety footwear - using hand tools - environmental requirements, including procedures for trapping, storing and disposing of polishing materials.
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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 AURVTP031 Cut and polish painted vehicle body panels

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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, range of conditions and foundation skills:

- cut and polish the body panels of one vehicle.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to cutting and polishing painted vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - using hand tools
- environmental requirements, including procedures for trapping, storing and disposing of polishing materials
- types of vehicle panel paints and finishes and implications for choice of polishing materials
- vehicle panel cutting and polishing procedures, including:
 - types and applications of polishing materials, including methods for testing on vehicle paints and finishes
 - types, application and operation of polishing equipment
- procedures for final inspection of cut and polished vehicle body panels.

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 body panels that they have cut and polished, 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
- PPE for cutting and polishing vehicle panels
- one vehicle requiring its body panels to be cut and polished
- tools, equipment and materials for cutting and polishing vehicle panels.

Links

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