



Australian Government

AURVTP131 Cut and polish painted vehicle body panels

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 cut and polish the painted surface of vehicle body panels. This unit 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.

This unit 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.

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

Unit Sector

Vehicle Body Technical - Paint

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 to cut and polish vehicle body panel	1.1 Interpret task instructions and identify body panel to be worked on 1.2 Identify paint finish type and document according to workplace procedures 1.3 Source and interpret manufacturer specifications and workplace procedures for cutting and polishing body panel surface 1.4 Source and interpret safety and environmental requirements 1.5 Identify potential hazards and risks associated with task and

ELEMENTS	PERFORMANCE CRITERIA
	report to workplace supervisor 1.6 Identify tools and equipment required for cutting and polishing body panel and check for serviceability
2. Cut and polish body panel	2.1 Use polishing tools and equipment according to workplace procedures and safety and environmental requirements, and without causing damage to vehicle components or systems 2.2 Use products according to vehicle paint finish type, workplace methods, and paint manufacturer specifications 2.3 Polish exterior paint finish according to workplace and manufacturer prescribed procedures
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 required sources of information efficiently.
Oral communication	Clarifies instructions and procedures.
Reading	- Selects and interprets 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.
Planning and organising	- Plans own work activities - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes.
Technology	Sets up and operates specialised equipment and tools.

Unit Mapping Information

Supersedes and is equivalent to AURVTP031 Cut and polish painted vehicle body panels.

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 AURVTP131 Cut and polish painted vehicle body panels

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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:

- cut and polish the body panels of at least one vehicle.

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 cut and polish painted vehicle body panels, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to cut and polish painted vehicle body panels, 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 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

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.

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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