



Australian Government

AURVTP021 Restore vehicle body exterior paint

Release: 1

AURVTP021 Restore vehicle body exterior paint

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to restore vehicle body exterior paint. It involves preparing for the task, selecting and using specialist tools and equipment, selecting and using polishing materials to restore painted vehicle exterior surfaces, and completing workplace processes and documentation.

It applies to those working in the automotive paint refinishing repair industry.

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 restore vehicle body exterior paint	1.1 Job requirements are determined from workplace instructions 1.2 Restoration information is accessed and interpreted 1.3 Polishing materials are selected and inspected for quality 1.4 Hazards associated with the work are identified and risks are managed 1.5 Tools and equipment are identified and checked for

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.
	serviceability 1.6 Work is planned to identify restoration procedures, minimise waste, and avoid damage to vehicle
2. Inspect and identify paint faults	2.1 Faults are identified and inspected according to workplace procedures and without causing further damage to vehicle exterior paint or components 2.2 Restoration process is determined according to type of damage, paint type and required finish
3. Undertake restoration activities	3.1 Restoration materials are selected according to type of damage and type of finishing material 3.2 Exterior paint finish is polished according to workplace and manufacturer prescribed procedures 3.3 Polishing tools and equipment are used according to workplace procedures and safety and environmental requirements 3.4 Materials are used during restoration process according to vehicle finish type, workplace methods, and paint manufacturer specifications 3.5 Paint restoration is completed without causing damage to components or systems
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and vehicle is presented ready for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 4.4 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 information efficiently.

Skills	Description
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report quality issues and job outcomes.
Numeracy skills to:	use basic mathematical operations, including addition and subtraction, to calculate quantities of cleaning and polishing materials.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use specialist polishing and restoration tools and equipment.

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>Restoration information</i> must include:	- manufacturer specifications - workplace procedures - safety data sheets (SDS).
<i>Materials</i> must include:	- polish - finishing agents - cleaning agents.
<i>Tools and equipment</i> must include:	- hand tools - power tools - personal protective equipment (PPE).
<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 PPE - using SDS for polishing and cleaning agents - handling and storing polishing materials - using tools and equipment - environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP3021 Restore vehicle exterior paint

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 AURVTP021 Restore vehicle body exterior paint

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- restore exterior paint on the following vehicle surfaces:
 - bonnet
 - roof
 - boot
 - vehicle side.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to restoring vehicle body exterior paint, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using safety data sheets (SDS) for polishing and cleaning agents
 - handling and storing polishing materials
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- paint manufacturer specifications
- types of vehicle body exterior finishing faults, including:
 - colour change
 - surface variations
 - rework
 - pitting

- types and features of cleaning, polishing and restoration agents and their recommended applications
- types and use of cleaning and polishing tools and equipment
- cleaning and polishing methods and techniques, including:
 - identifying paint surface faults
 - surface preparation methods
 - applying polishing materials
- procedures for protecting vehicle and components when restoring exterior paint
- procedures for final inspection of restored vehicle exterior paint.

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 task.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicle body exterior paint that they have restored, e.g. work 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
- workplace instructions
- PPE required to restore vehicle exterior painted surfaces
- SDS for polishing and cleaning agents
- polishing and cleaning materials required to restore vehicle exterior paintwork
- vehicle painted components specified in the performance evidence requiring restoring and polishing
- tools, equipment and materials appropriate for restoring vehicle body exterior paint.

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