



Australian Government

AURVTP130 Apply paint to 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 apply paint to vehicle body panels. This unit involves planning and preparing for the task, selecting paint from a colour code, tinting and mixing paint, applying paint to a panel using a spray gun, drying the panel, 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 for work	1.1 Interpret task instructions and identify vehicle body panel to be worked on 1.2 Interpret vehicle colour codes and determine paint type, colour, quality and quantity 1.3 Source and interpret manufacturer specifications and workplace procedures for painting body panel 1.4 Source and interpret safety and environmental requirements 1.5 Spray gun and air line equipment, and identify and check paint mixing and tinting equipment for serviceability

ELEMENTS	PERFORMANCE CRITERIA
	1.6 Identify potential hazards and risks associated with task and report to workplace supervisor
2. Tint and mix paint	2.1 Calculate paint colour tint requirements to achieve vehicle colour code 2.2 Mix paint according to manufacturer specifications, workplace procedures, and safety and environmental requirements 2.3 Record paint colour and mixing requirements
3. Apply top coat	3.1 Apply paint using manufacturer recommended method and intervals according to safety and environmental requirements 3.2 Dry paint using approved methods and equipment 3.3 Inspect body panel to ensure painted surface meets requirements for colour and finish
4. Complete work processes	4.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 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.
Numeracy	Uses basic mathematical operations, including addition, subtraction, multiplication and division, to calculate volumes.
Oral communication	Clarifies instructions and procedures.
Reading	- Selects and interprets key information from: - manufacturer specifications, safety requirements and workplace procedures relating to applying paint to 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.

SKILL	DESCRIPTION
Technology	• Sets up and operates specialised equipment and tools.

Unit Mapping Information

Supersedes and is equivalent to AURVTP030 Apply paint to 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 AURVTP130 Apply paint to 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:

- apply vehicle paint to at least two different major vehicle body panels.

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 apply paint to vehicle body panels, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to apply paint to 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 applying paint to vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - using hand tools
 - using fume extraction equipment

- environmental requirements, including procedures for trapping, storing and disposing of paint and cleaning materials
- paint colour mixing procedures, including:
 - vehicle colour code systems
 - colour tint calculation procedures
 - use of mixing scales
 - determining top coat
- panel painting procedures, including:
 - types, application and operation of spray guns
 - spray gun strain and spray test patterns
- procedures for final inspection of painted 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 painted, 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 painting vehicle panels
- two different major vehicle body panels
- spray gun
- tools, equipment and materials for painting 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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