



Australian Government

AURVTP001 Remove paint from vehicle painted surfaces

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 remove paint from vehicle painted surfaces using a variety of industry-approved methods and without causing damage to vehicle and components. It involves preparing for the task, selecting and using specialist tools, equipment and chemicals to remove paint from metal and plastic component surfaces in preparation for repairs or refinishing, 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 remove paint from vehicle surface	1.1 Job requirements are determined from workplace instructions 1.2 <i>Paint removal information</i> is located and interpreted 1.3 Paint removal <i>materials</i> are selected and checked for quality 1.4 <i>Paint removal tools and equipment</i> and personal protective

Elements	Performance Criteria
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	equipment (PPE) are selected and checked for serviceability 1.5 Paint removal methods are identified and their effect on components determined according to workplace procedures and customer requirements 1.6 Hazards associated with the work are identified and risks are managed 1.7 Work is planned to minimise waste and damage to vehicle
2. Remove paint	2.1 Vehicle metal and plastic components requiring paint removal are identified and prepared 2.2 Vehicle paint is removed according to workplace and paint manufacturer recommended procedures, and safety and environmental requirements 2.3 Paint removal activities are completed without causing damage to vehicle or component surfaces
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and vehicle panel or component is presented ready for painting 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 3.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 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 information efficiently.
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.

Skills	Description
Numeracy skills to:	use basic mathematical operations, including addition and subtraction, to calculate quantities of required 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 paint removal 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>Paint removal information</i> must include:	- paint manufacturer specifications - workplace paint removal procedures - safety data sheets (SDS).
<i>Materials</i> must include:	- chemical paint removal substances - cleaning materials.
<i>Paint removal tools and equipment</i> must include:	- abrasive papers - sanders.
<i>Methods</i> must include:	- chemical substance removal - machine and hand sanding - protecting vehicle and components.
<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 paint removing chemicals - handling and storing paint removing chemicals - using tools and equipment - using fume and dust collection equipment, including positive air feed masks - environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals.

Unit Mapping Information

Equivalent to AURVTP2001 Apply paint removal methods

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 AURVTP001 Remove paint from vehicle painted surfaces

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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:

- remove paint from vehicle surfaces using chemical and sanding techniques on:
 - three different plastic vehicle body components
 - three different metal vehicle body components.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing paint from vehicle painted surfaces, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using safety data sheets (SDS) for paint removing chemicals
 - handling and storing paint removing chemicals
 - using tools and equipment
 - using fume and dust collection equipment, including positive air feed masks
- environmental requirements, including procedures for trapping, storing and disposing of waste materials and chemicals
- paint manufacturer and workplace paint removal methods, including:
 - chemical substance
 - abrasive blasting
 - machine sanding
 - hand sanding
- procedures for protecting vehicle and components during paint removal
- procedures for final cleaning and inspection of vehicle surfaces.

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 paint removal work they have completed on vehicle body panels, 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
- workplace instructions
- paint manufacturer specifications
- PPE for paint removal, including fume and dust extraction equipment
- SDS for paint removing chemicals
- vehicle protection equipment
- chemicals to remove paint
- painted plastic and metal components as specified in the performance evidence requiring paint removal
- tools, equipment and materials appropriate for applying paint removal methods.

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