



Australian Government

**AURVTP018 Rectify vehicle multi-layer
and pearl paint faults using two-pack
systems**

Release: 1

AURVTP018 Rectify vehicle multi-layer and pearl paint faults using two-pack systems

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to rectify multi-layer and pearl paint faults on vehicle body components. It involves preparing for the task, selecting and using specialist tools and equipment, identifying and rectifying paint faults using multi-layer and pearl two-pack paint materials according to manufacturer specifications, 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 rectify multi-layer and pearl paint fault	1.1 Job requirements are determined from workplace instructions 1.2 <i>Paint rectification information</i> is accessed and interpreted 1.3 Vehicle paint specifications are identified from workplace instructions and recorded

<p>Elements</p> <p>Elements describe the essential outcomes.</p>	<p>Performance Criteria</p> <p>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.</p>
	<p>1.4 Multi-layer and pearl paint <i>materials</i> are selected and inspected for quality</p> <p>1.5 Hazards associated with the work are identified and risks are managed</p> <p>1.6 <i>Paint tools and equipment</i> and personal protective equipment (PPE) are selected and checked for serviceability</p> <p>1.7 Work is planned to identify methods for rectifying multi-layer and pearl paint faults, minimise waste, and prevent damage to vehicle</p>
<p>2. Determine paint fault, its cause and rectification requirements</p>	<p>2.1 Cause of paint fault is determined from available information</p> <p>2.2 Faulty paintwork is visually inspected to determine extent of damage and areas requiring rectification</p> <p>2.3 Existing paint film build-up is identified and assessed</p> <p>2.4 Damage to paintwork is assessed from visual comparison with undamaged paintwork</p> <p>2.5 Fault rectification requirements are determined without causing undue damage to vehicle components or systems</p>
<p>3. Carry out rectification and touch-up activities</p>	<p>3.1 Materials required to restore paintwork to pre-damage condition are determined from paint manufacturer recommended procedures</p> <p>3.2 Materials are measured, mixed and applied using approved equipment</p> <p>3.3 Damaged paintwork is rectified and blended with existing paintwork using two-pack system</p> <p>3.4 Rectification processes are completed according to workplace procedures and <i>safety and environmental requirements</i>, and without causing damage to vehicle components and systems</p>
<p>4. Complete work processes</p>	<p>4.1 Final inspection is made to ensure work meets workplace expectations and vehicle or component is presented ready for use</p> <p>4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored</p> <p>4.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures</p> <p>4.4 Workplace documentation is processed according to workplace procedures</p>

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:	<ul style="list-style-type: none"> locate appropriate sources of information efficiently.
Writing skills to:	<ul style="list-style-type: none"> legibly and accurately fill out workplace documentation.
Oral communication skills to:	<ul style="list-style-type: none"> clarify instructions and procedures clearly report quality issues and job outcomes.
Numeracy skills to:	<ul style="list-style-type: none"> identify paint specification codes use basic mathematical operations, including addition, subtraction, multiplication and division to: <ul style="list-style-type: none"> calculate and measure quantities of paint and materials determine ratios for mixing paint calculate and set paint drying times set spray painting air pressure and spray booth temperatures set paint measuring system.
Planning and organising skills to:	<ul style="list-style-type: none"> plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	<ul style="list-style-type: none"> use specialist tools and equipment, including paint measuring systems.

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 rectification information</i> must include:	<ul style="list-style-type: none"> paint manufacturer specifications paint technical data sheets (TDS) paint safety data sheets (SDS) workplace procedures.
<i>Materials</i> must include:	<ul style="list-style-type: none"> solvent base coats and clear coats water-based materials paint thinners and hardeners polishing materials.
<i>Paint tools and equipment</i>	<ul style="list-style-type: none"> mixing and tinting systems

must include:	<ul style="list-style-type: none"> • spray guns • approved drying equipment • cleaning equipment.
<i>Safety and environmental requirements</i> must include:	<ul style="list-style-type: none"> • work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: <ul style="list-style-type: none"> • selecting and using PPE • using TDS and SDS for multi-layer and pearl two-pack paint • handling and storing paint materials • using tools and equipment • using approved drying area • environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP3018 Carry out paint rectification for multi-layer and pearl using two component system

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>