



Australian Government

**AURVTP016 Rectify and touch up vehicle
direct gloss paint faults using two-pack
systems**

Release: 1

AURVTP016 Rectify and touch up vehicle direct gloss 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 and touch up direct gloss paint faults on vehicle body components. It involves preparing for the task, selecting and using specialist tools and equipment, identifying and rectifying faults using two-pack paint 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 and touch up paint fault | 1.1 Job requirements are determined from workplace instructions 1.2 <i>Touch-up 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 Paint materials 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 Tools and equipment, including personal protective equipment (PPE), are selected and checked for serviceability</p> <p>1.7 Work is planned to identify methods to rectify and touch up direct gloss 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 Damage to paintwork is assessed from visual comparison with undamaged paintwork</p> <p>2.4 Fault rectification requirements are determined without causing undue damage to vehicle components or systems</p> |
| <p>3. Rectify and touch up paint fault</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 direct gloss two-pack system and approved blending and drying techniques</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: 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>Touch-up 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>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 direct gloss two-pack paint handling and storing paint materials |

| | |
|--|---|
| | <ul style="list-style-type: none">• 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 AURVTP3016 Carry out paint rectification and touch-up work for solids using two component systems

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>