



**Australian Government**

# **AUMGTP002 Rework vehicle paint faults**

**Release: 1**

## AUMGTP002 Rework vehicle paint faults

### Modification History

| Release   | Comment  |
|-----------|--|
| Release 1 | Unit updated to reflect the new standards for Training Packages<br>Replaces AUMGTP3002 Rework paint faults |

### Application

This unit describes the performance outcomes required to identify and rework vehicle paint surface defects and faults.

It applies to those in an automotive manufacturing environment and involves the application of skills and knowledge at a specialist level.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### Competency Field

Manufacturing - Bus, Truck and Trailer

### 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 italicised text is used, further information is detailed in the range of conditions section                             |
| 1. Prepare for paint rework process      | 1.1 Paint faults are identified and repair methods planned<br>1.2 Causes of faults are identified to ensure faults are rectified during rework<br>1.3 Tools, equipment and <i>materials</i> are selected and inspected for quality |
| 2. Prepare surfaces for rework           | 2.1 Masking is applied to surrounding panels to protect painted surfaces from overspray  |

| Elements                            | Performance Criteria  |
|-------------------------------------|---|
|                                     | <p>2.2 Faulty paint surfaces are scuffed back and cleaned to required pre-paint standard</p> <p>2.3 Prepared area is inspected to ensure paint fault has been removed</p>   |
| 3. Apply primer, hi-fill and colour | <p>3.1 Primer and hi-fill are applied and prepared according to manufacturer specifications</p> <p>3.2 Paint colour is matched according to vehicle paint code</p> <p>3.3 Paint colour is mixed to manufacturer-recommended viscosity</p> <p>3.4 Paint colour is applied and blended into the existing paint work using tools, equipment and materials according to <b>workplace procedures</b> and work health and safety (WHS) requirements</p> |
| 4. Finish paint surfaces            | <p>4.1 Painted surfaces are dried according to paint manufacturer specifications</p> <p>4.2 Repainted surfaces are polished to job specification</p> <p>4.3 Surrounding areas are cleaned and any overspray removed according to workplace procedures</p>   |
| 5. Complete work processes          | <p>5.1 Tools and equipment are cleaned and inspected</p> <p>5.2 Faulty tools and equipment are identified, tagged, reported and sent for repair</p> <p>5.3 Work area is cleaned, and materials disposed of or recycled according to workplace procedures</p> <p>5.4 Work job sheets are completed and supervisor is notified</p>  |

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

| Skills              | Description  |
|---------------------|--|
| Reading skills to:  | <ul style="list-style-type: none"> <li>interpret workplace procedures and WHS requirements</li> <li>interpret job instructions, repair methods and manufacturer specifications.</li> </ul> |
| Writing skills to:  | <ul style="list-style-type: none"> <li>complete faulty equipment tags</li> <li>legibly complete work sheets.</li> </ul>  |
| Numeracy skills to: | <ul style="list-style-type: none"> <li>accurately measure paint quantities</li> <li>identify paint codes</li> <li>legibly record paint quantities.</li> </ul>                              |

| <b>Skills</b>                      | <b>Description</b>  |
|------------------------------------|---|
| Digital literacy skills to:        | <ul style="list-style-type: none"> <li>• use digital paint equipment</li> <li>• use computer paint mixing and drying systems.</li> </ul>  |
| Planning and organising skills to: | <ul style="list-style-type: none"> <li>• prepare paint equipment and materials</li> <li>• rectify paintwork in given timeline.</li> </ul> |
| Problem-solving skills to:         | <ul style="list-style-type: none"> <li>• identify paint defects</li> <li>• interpret and apply work instructions.</li> </ul>              |

## 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.

|  |  |
|--|--|
| <b><i>Materials</i></b> must include:            | <ul style="list-style-type: none"> <li>• abrasive papers</li> <li>• clear coat</li> <li>• colour paint</li> <li>• etch and surface primer</li> <li>• hi-fill</li> <li>• masking tapes and papers</li> <li>• paint reducer</li> <li>• plastic sheets</li> <li>• polishing agents</li> <li>• solvents</li> <li>• tac rags.</li> </ul>  |
| <b><i>Workplace procedures</i></b> must include: | <ul style="list-style-type: none"> <li>• workplace quality guidelines for reworking vehicle paint faults</li> <li>• procedures for recording and reporting rework of vehicle paint faults</li> <li>• workplace waste disposal, recycling and re-use guidelines</li> <li>• WHS and environmental requirements for reworking vehicle paint faults relating to the disposal of unused paint products, contaminated rags and masking materials.</li> </ul> |

## Unit Mapping Information

No equivalent unit.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>