



**Australian Government**

# **AUMGTY003 Modify and repair chassis and frames**

**Release: 1**

## AUMGT Y003 Modify and repair chassis and frames

### Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGT Y3003 Modify or rectify chassis and frame and associated components

### Application

This unit describes the performance outcomes required to modify, repair and align chassis and frame components.

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

Licensing, legislative, regulatory or certification requirements may apply to this unit in some jurisdictions. Users are advised to check with the relevant regulatory authority.

### Competency Field

Manufacturing - Bus, Truck and Trailer

### Unit Sector

Technical - Chassis and Frame

### 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. Inspect vehicle	1.1 Inspection activities are carried out according to <b><i>workplace procedures</i></b> 1.2 Chassis or frame is measured and inspected to determine modification or repair requirements 1.3 Inspection report and work plan are prepared during inspection
2. Modify, repair and align	2.1 Vehicle specifications are identified and interpreted according

Elements	Performance Criteria
chassis or components	<p>to original equipment manufacturer (OEM) specifications and regulatory requirements</p> <p>2.2 <b>Tools and equipment</b> are selected and checked for correct operation, and identified faults reported</p> <p>2.3 Chassis or frame is modified or repaired and then aligned according to job sheet and work order</p>
3. Complete work processes	<p>3.1 Completed work is checked against job sheet and OEM specifications</p> <p>3.2 Work areas, tools and equipment are cleaned and stored according to workplace procedures</p> <p>3.3 Work forms and final inspection reports are completed and submitted to appropriate personnel</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 job requirements from work plan and OEM specifications</li> <li>interpret inspection reports and job sheets.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>legibly prepare work plans</li> <li>complete final inspection reports.</li> </ul>
Numeracy skills to:	<ul style="list-style-type: none"> <li>identify component part numbers and amounts</li> <li>interpret measurements from OEM specifications</li> <li>identify and set equipment.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>select and prepare equipment, materials and work area</li> <li>complete job within required timelines.</li> </ul>
Self-management skills to:	<ul style="list-style-type: none"> <li>take responsibility for organising work role and priorities.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>use chassis or frame measuring systems</li> <li>use induction heating equipment.</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.

<p><b><i>Workplace procedures</i></b> must include:</p>	<ul style="list-style-type: none"> <li>• OEM specifications and regulatory requirements</li> <li>• recording and reporting requirements</li> <li>• tools and test equipment</li> <li>• work health and safety (WHS) requirements</li> <li>• workplace instructions.</li> </ul>
<p><b><i>Tools and equipment</i></b> must include:</p>	<ul style="list-style-type: none"> <li>• chassis alignment equipment</li> <li>• clamps, bracing and jiggging systems</li> <li>• hand and power tools</li> <li>• measuring equipment</li> <li>• welding, cutting and heating equipment.</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>