



Australian Government

AUMGTY002 Install vehicle components

Release: 1

AUMGTY002 Install vehicle components

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTY3002 Mount and install assembled component to chassis or frame

Application

This unit describes the performance outcomes required to mount and install assembled components to a chassis or frame (e.g. vehicle cabin, sleeper or vehicle bodies).

It applies to those in an automotive and related component 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 - 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. Plan and prepare	1.1 Hand <i>tools and equipment</i> are selected and inspected, and faults repaired or reported 1.2 Appropriate lifting equipment is selected and checked for safe operation 1.3 Fasteners are identified from job specifications 1.4 Job <i>information</i> and working drawings are identified, interpreted and confirmed

Elements	Performance Criteria
2. Position and tension components	2.1 Workplace procedures are identified and followed 2.2 Components are matched, positioned and secured according to work instruction and component specifications 2.3 Fasteners are tensioned to specification 2.4 Components are inspected for alignment and quality according to work order and workplace quality standards
3. Hook up systems	3.1 Component service lines are hooked up according to drawings and component specifications 3.2 Completed hook-up is checked against job specifications, and then tested and inspected for quality and operation
4. Complete work processes	4.1 Work area and equipment are cleaned, inspected and maintained according to workplace procedures 4.2 Faulty equipment is identified, tagged and reported 4.3 Work sheets and production schedule are completed and given to appropriate personnel

Foundation Skills

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

Skills	Description
Reading skills to:	- identify workplace procedures and work health and safety (WHS) requirements - interpret job instructions, working drawings, original equipment manufacturer (OEM) guides and, if applicable, requirements of Vehicle Standards Bulletin 6 (VSB6) National Code of Practice – Heavy Vehicle Modifications - interpret component specifications - identify installation sequences - identify work sheets and inspection forms.
Writing skills to:	- complete production schedules, equipment maintenance forms and faulty equipment tags - prepare sequence work plans.
Numeracy skills to:	- identify drawing and component specifications - use measuring equipment - identify fastener quantities and tension specifications.
Planning and organising	select and prepare components, equipment and work area.

skills to:	
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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>Tools and equipment</i> must include:	• hand and power tools • lifting equipment • vehicle protection equipment.
<i>Information</i> must include:	• component and service line specifications • component assembly instructions • customer requirements • manufacturer specifications and guides • VSB6 • work orders and job specifications • workplace procedures and instructions.
<i>Workplace procedures</i> must include:	• equipment operations • quality standards • recording and reporting • WHS requirements • work instructions.

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>