



Australian Government

AUMGTN001 Replace and repair vehicle body panels and fittings

Release: 1

AUMGTN001 Replace and repair vehicle body panels and fittings

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTN3001 Rectify and replace vehicle body panels and ancillary fittings

Application

This unit describes the performance outcomes required to remove and replace new or repaired vehicle body panels, body sections, and ancillary fittings.

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 - Body

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 Work instructions and job specifications are identified and confirmed 1.2 Tools and equipment required for the job are selected and inspected for safe operation 1.3 Work area is prepared to ensure safety of personnel, workplace and other vehicles 1.4 Repair plan is developed and confirmed with appropriate

Elements	Performance Criteria
	personnel
2. Replace body panels and fittings	2.1 Workplace procedures are identified and followed 2.2 Replacement information is identified and interpreted from original equipment manufacturer (OEM) specifications 2.3 Components are refitted using OEM approved methods, materials and equipment 2.4 Sealant is selected and applied according to OEM specifications 2.5 Replacement activities are completed within industry timelines and standards
3. Repair faulty or damaged panels	3.1 Damaged sections are inspected and a rectification process identified 3.2 Damaged or faulty panels are rectified according to workplace procedures and quality standards 3.3 Repair documentation is completed according to workplace procedures
4. Complete work processes	4.1 Work area is cleaned, and materials disposed of or recycled according to workplace procedures 4.2 Tools and equipment are cleaned, checked and stored according to workplace procedures 4.3 Faulty equipment is tagged and reported 4.4 Work sheets are completed according to workplace procedures

Foundation Skills

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

Skills	Description
Reading skills to:	- interpret workplace procedures and work health and safety (WHS) requirements - interpret job instructions, repair plan and OEM specifications.
Writing skills to:	- legibly complete repair documentation - complete faulty equipment tags - accurately prepare a repair plan.
Oral communication skills to:	- inform team members of repair plans - use automotive terminology in the workplace

Skills	Description
	communicate OEM specifications to co-workers.
Numeracy skills to:	- identify OEM and job specifications - identify material requirements from repair plan.
Initiative skills to:	adapt to changing work conditions.
Planning and organising skills to:	- manage job repair time - identify and select repair equipment, materials and work area.
Problem-solving skills to:	- meet job outcome requirements - interpret and apply workplace procedures and work instructions.

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>Workplace procedures</i> must include:	- OEM vehicle specifications - workplace quality guidelines for repairing vehicle body panels and fittings - procedures for recording and reporting repair processes of vehicle body panels and fittings - workplace waste disposal, recycling and re-use guidelines - WHS requirements for repairing vehicle body panels and fittings.
<i>Materials</i> must include:	- repair tools and equipment used with vehicle body panels and fittings - sealing and adhesive materials relevant to repairing vehicle body panels and fittings.
<i>Replacement activities</i> for vehicle body panels and fittings must include:	- bolt on repair procedures - bond on repair procedures - weld on repair procedures

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>

Assessment Requirements for AUMGTN001 Replace and repair vehicle body panels and fittings

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTN3001 Rectify and replace vehicle body panels and ancillary fittings

Performance Evidence

Before competency can be determined, individuals must have competently rectified and replaced vehicle panels and fittings on a minimum of two occasions.

Individuals must demonstrate they can:

- apply original equipment manufacturer (OEM) specifications
- remove and replace panels and ancillary fittings according to workplace procedures and work health and safety (WHS) requirements
- repair damaged body panels and components according to workplace procedures and WHS requirements
- identify body panels and components
- apply manual-handling techniques when replacing and repairing body panels and fittings
- apply appropriate sealants and adhesives when repairing body panels and components
- complete body panel replacement and repair work sheets.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relating to replacing and repairing vehicle panels and fittings
- types and functions of body panels and fittings
- removal and replacement procedures for body panels and fittings
- methods of sourcing and interpreting OEM specifications for body panels, body sections and fittings
- repair techniques and procedures for body panels and fittings, including:
 - bolt on repair procedures
 - bond on repair procedures
 - weld on repair procedures
- types of sealants and their application requirements for replacing and repairing body panels and fittings.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the body panels and fittings that they have replaced and repaired, e.g. repair work sheets.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive workplace or simulated workplace
- workplace instructions relating to replacing and repairing body panels and fittings
- OEM specifications of body panels and fittings
- vehicle body panels and fittings with defects
- repair tools and equipment for body panels and fittings
- welding equipment and adhesives.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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