



Australian Government

AUMGTM004 Install and fit out components

Release: 2

AUMGTM004 Install and fit out components

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTM2004 Install and fit out components
Release 2	Updated for clarity and policy adherence.

Application

This unit describes the performance outcomes required to install and fit out body, trimming and mechanical components.

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

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

Unit Sector

Technical - Manufacture

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan and prepare	1.1 Identify and confirm work orders and job specifications 1.2 Select tools, equipment and materials, checking for quality and safe operation according to job requirements 1.3 Access assembly and installation information from manufacturer specifications
2. Select and use fasteners, adhesives, sealants and solvents	2.1 Identify and follow workplace procedures 2.2 Identify, select and fit fasteners to meet job requirements 2.3 Identify, select and apply adhesives and sealants to meet job requirements 2.4 Select and use solvents to remove excess adhesives and

Elements	Performance Criteria
	sealants
3. Install components	3.1 Identify, select and match parts and components, according to work order and job specifications 3.2 Position, secure and tension parts and components according to job specifications 3.3 Inspect installed components and sub-assemblies, checking for quality and fit according to job specifications and workplace procedures
4. Route service lines	4.1 Identify and locate service lines according to job requirements 4.2 Route, tie and clip service lines according to job specifications 4.3 Inspect and test installed service lines according to workplace procedures and job specifications
5. Complete work processes	5.1 Collect unused materials and store or dispose of in line with workplace procedures 5.2 Clean and maintain work area, checking and storing tools and equipment according to workplace procedures 5.3 Identify, tag and report faulty equipment 5.4 Complete work sheets and production records

Foundation Skills

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

Skills	Description
Reading skills to:	- interpret work orders and job specifications - interpret workplace procedures and manufacturer installation specifications - identify application precautions when applying adhesives, sealants and solvents.
Writing skills to:	- complete faulty tool and equipment tags - complete work sheets and production records.
Oral communication skills to:	report tool and equipment faults.
Numeracy skills to:	- measure components and equipment to determine compliance with job specifications - estimate material quantities - determine material and fastener requirements from job

Skills	Description
	specifications.
Planning and organising skills to:	• identify and prepare materials, equipment and work area • follow manufacturer installation specifications.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AUMGTM004 Install and fit out components (Release 2)	AUMGTM004 Install and fit out components (Release 1)	Minor updates to Assessment Requirements. Performance Criteria changed from passive to active voice. Rationalisation of Range of Conditions.	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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Performance Evidence

Before competency can be determined, individuals must have competently installed and fitted out components on a minimum of two occasions.

Individuals must demonstrate they can:

- follow safe work practices when installing and fitting out components
- select, use and maintain tools and equipment required for the installation and fit out
- select and use fasteners, adhesives, sealants and solvents required for the installation and fit out
- install and fit out components and sub-assemblies according to workplace instructions, workplace procedures and work health and safety (WHS) requirements
- route and test service lines, including:
 - electrical wiring
 - pneumatic or hydraulic.
- collect and store unused material
- clean work area appropriately
- complete workplace documentation relating to installing and fitting out components.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- workplace procedures, quality guidelines, reporting procedures, and WHS requirements relating to installing and fitting out components
- component installation and fit out equipment operating procedures
- procedures for operating component lifting equipment
- techniques for installing and fitting out components, including:
 - procedures for applying vinyls and fabrics
 - procedures for routing service lines

- procedures for tensioning bolts and fasteners
- testing procedures of components
- communication protocols to report equipment faults.

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 components that they have installed and fitted out, e.g. installation 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 manufacturing workplace or simulated workplace
- components requiring installation and fit out to vehicles
- installation and fit out tools and equipment
- parts, fasteners and adhesives suitable to the components to be installed and fitted out
- vehicles or simulated frame
- workplace procedures, instructions and specifications relating to the components to be installed and fitted out.
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