



**Australian Government**

# **AUMGTM013 Install or replace mechanical units and assemblies**

**Release: 1**

# AUMASA011 Apply safe work practices in the automotive manufacturing environment

## Modification History

Release	Comment
Release 1	New unit of competency

## Application

This unit describes the performance outcomes required to install, and replace and adjust mechanical units and assemblies.

It applies to those 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 Interpret drawings and work orders to establish work requirements 1.2 Select lifting gear and operate according to workplace procedures 1.3 Select and inspect tools and equipment and report any faults
2. Install and test mechanical units and assemblies	2.1 Select fasteners, fittings and materials for installation 2.2 Install and test mechanical units and assemblies according to job specifications and work health and safety (WHS) procedures 2.3 Use tools and equipment to install and replace assemblies
3. Remove, replace and test mechanical units and	3.1 Access and interpret assembly information from manufacturer specifications

Elements	Performance Criteria
assemblies	3.2 Remove and replace mechanical units and assemblies according to manufacturer specifications and WHS procedures 3.3 Test mechanical units and assemblies according to manufacturer specifications
4. Complete work processes	4.1 Clean and check work area and store tools and equipment according to workplace procedures 4.2 Identify, tag and report faulty equipment 4.3 Collect waste material and recycle or dispose of according to workplace procedures 4.4 Complete workplace documents 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:	<ul style="list-style-type: none"> <li>interpret job specifications, work instructions, work orders and workplace procedures</li> <li>interpret equipment operating instructions</li> <li>identify parts and material lists</li> <li>interpret installation, removal and testing instructions.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>legibly complete faulty equipment tags.</li> </ul>
Oral Communication to:	<ul style="list-style-type: none"> <li>report faulty equipment to appropriate personnel.</li> </ul>
Numeracy skills to:	<ul style="list-style-type: none"> <li>measure components, assemblies and equipment to determine compliance with specifications.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>identify and prepare components, equipment and work area</li> <li>follow assembly instructions and specifications.</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AUMGTM013	AUMGTM003 Install	Additions to	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
Install or replace mechanical units and assemblies	and replace mechanical units and assemblies	Assessment Requirements due to rationalisation of Range of Conditions. Minor changes to ensure policy adherence.	

## Links

Companion Volume Implementation Guides are found in VETNet -

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