



Australian Government

AUMATK007 Install vehicle plant, equipment and systems

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATK4007 Install plant, equipment or systems

Application

This unit describes the performance outcomes required to install the plant, equipment and systems required for the design, development and production of motor vehicles.

It applies to those in an automotive manufacturing environment.

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

Competency Field

Common

Unit Sector

Technical - Tools and Equipment

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. Prepare for installation	1.1 Installation <i>instructions</i> and work plans are identified and confirmed with appropriate personnel and <i>installation requirements</i> are determined 1.2 Parts, plant and equipment required for installation are obtained according to workplace procedures and within scope of responsibilities 1.3 <i>Workplace procedures</i> for installing vehicle plant, equipment and systems are identified 1.4 Work site is prepared according to installation plan and

Elements	Performance Criteria
	requirements of the manufacturer of the component parts, plant and equipment 1.5 Compliance of prepared work site with design drawings, work specifications, and work health and safety (WHS) requirements is determined
2. Conduct installation	2.1 Pre-installation of parts, plant, equipment, fixtures and additional low voltage wiring is completed according to the installation plan and work specifications 2.2 Parts, plant, equipment, fixtures and additional low voltage wiring are installed according to installation plan and work specifications 2.3 Parts, plant, equipment, fixtures and additional low voltage wiring installations are checked against technical and safety requirements
3. Finalise installation	3.1 Installation is checked against design specifications, workplace quality standards, manufacturer instructions and WHS requirements 3.2 Installation faults are reported and rectified according to workplace procedures 3.3 Installation reports 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 WHS requirements and workplace procedures for installing vehicle plant, equipment and systems - interpret work plans, installation plans and design drawings.
Writing skills to:	- complete installation reports - complete inventory lists.
Oral communication skills to:	- discuss and clarify project plan with production team - discuss installation timetable, resource and personnel requirements.
Numeracy skills to:	- interpret vehicle specifications - calculate material requirements - identify installation measurements.

Initiative skills to:	• adapt to changing work conditions or contexts.
Planning and organising skills to:	• set up installation processes and procedures • ensure installations are completed on time and to specifications • prepare work site for equipment installation.

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>Instructions</i> must include:	• installation and work plans • job sheets, job specifications and design drawings • manufacturer instructions for the use of equipment and materials • work plans • workplace procedures to install plant and equipment.
<i>Installation requirements</i> must include:	• physical resources • staffing.
<i>Workplace procedures</i> must include:	• quality and continuous improvement programs • recording and reporting installation outcomes • WHS requirements.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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