



Australian Government

AURHTA003 Remove and replace heavy commercial vehicle ancillary components and accessories

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove, replace and make adjustments to heavy commercial vehicle ancillary components and accessories. It involves preparing for the work, removing and replacing components or accessories, and completing workplace processes and documentation.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

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

Competency Field

Mechanical - Heavy Vehicle

Unit Sector

Technical

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 and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to remove and inspect ancillary	1.1 Task requirements are determined from workshop or activity instructions

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
components or accessories	1.2 Removal and replacement procedures and information are sourced and interpreted 1.3 Potential hazards and risks associated with the task are identified and reported to workplace supervisor 1.4 Tools, equipment and materials are selected and checked for serviceability
2. Remove and inspect ancillary components or accessories	2.1 Ancillary components or accessories are identified and removed according to manufacturer specifications and without causing damage to components or systems 2.2 Inspection is carried out according to manufacturer specifications, workplace procedures, and safety requirements 2.3 Inspection findings are reported according to workplace procedures
3. Replace ancillary components or accessories	3.1 Ancillary components or accessories are replaced according to manufacturer specifications, and without causing damage to components or systems 3.2 Adjustments are made to components or accessories according to manufacturer specifications 3.3 Post-replacement testing is carried out according to workplace procedures and further adjustments are made as required
4. Complete work processes	4.1 Final inspection is made to ensure work meets task instructions and workplace standards 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked and stored according to workplace procedures 4.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
Learning skills to:	locate appropriate information.

Skills	Description
Reading skills to:	interpret key information from manufacturer specifications, workplace procedures and safety requirements relating to workplace activities.
Writing skills to:	legibly and accurately fill out workplace documentation using correct industry terminology and conventions.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.

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>Safety requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using personal protective equipment (PPE) - using tools and equipment.
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Unit Mapping Information

Equivalent to AURHTA2003 Remove and replace heavy commercial vehicle ancillary components and accessories

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURHTA003 Remove and replace heavy commercial vehicle ancillary components and accessories

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- remove and replace three of the following heavy commercial vehicle ancillary components and accessories:
 - rear vision mirrors
 - mudguards and mudflaps
 - ancillary lighting system
 - dust deflectors
 - reflectors
 - trim
 - audio systems
 - adhesive signage and stickers
 - exhaust system ancillary components.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing and replacing heavy vehicle ancillary components and accessories, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and equipment
- procedures and specifications for removing, replacing and adjusting heavy vehicle ancillary components and accessories required for the task

- types, application and operation of specialist tools and equipment for removing and replacing heavy commercial vehicle ancillary components and accessories
- post-adjustment testing procedures for heavy commercial vehicle ancillary components and accessories.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

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

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the heavy commercial vehicle ancillary components and accessories that they have removed and replaced, e.g. repair orders.

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 repair workplace or simulated workplace
- workplace instructions
- manufacturer component and accessory specifications
- heavy vehicles requiring the removal, replacement and adjustment of the ancillary components and accessories specified in the performance evidence
- tools, equipment and materials appropriate for removing and replacing heavy commercial vehicle components and accessories.

Links

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