



Australian Government

Assessment Requirements for AURETR146 Remove and refit vehicle batteries

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- remove and refit the batteries of at least two different operational vehicles.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to remove and refit vehicle batteries, including:
 - battery and vehicle manufacturer specifications
 - safety data sheets (SDS)
- workplace procedures required to remove and refit vehicle batteries, including:
 - battery identification procedures
 - battery polarity and connection methods
 - battery removal and refitting methods, precautions and procedures
 - battery cleaning methods
 - post-fitting inspection procedures
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures

- key aspects of workplace health and safety (WHS) and environmental requirements when removing and refitting batteries, including procedures for:
 - handling, storing and disposing of used automotive batteries
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
- use of hand tools and lifting equipment
- key battery types and their uses, including:
 - lead-acid batteries, including deep cycle batteries
 - maintenance-free batteries, including gel batteries and absorbed glass mat batteries
 - lithium-ion batteries.

Assessment Conditions

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 vehicles where they have removed and refitted batteries, 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 workplace or simulated workplace
- personal protective equipment appropriate to the workplace
- two operational vehicles with lead-acid batteries
- hand tools for removing and refitting lead-acid batteries.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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