



Australian Government

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

Application

This unit describes the skills and knowledge required to remove and refit lead-acid batteries from a vehicle. It involves preparing for the task, investigating battery types and connections, removing and refitting the battery from a vehicle, and completing workplace processes and documentation.

The unit 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.

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

Unit Sector

Electrical Technical – Electrical and Electronics

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to remove and refit battery	1.1 Identify task requirements from task instructions, including vehicle battery to be worked on 1.2 Obtain and interpret technical information and safe operating procedures for battery removal and refitting 1.3 Identify potential hazards and risks associated with the task according to workplace health and safety and environmental requirements and report to workplace supervisor 1.4 Implement control measures in line with workplace policies and procedures

ELEMENT	PERFORMANCE CRITERIA
	1.5 Identify tools and equipment required for battery removal and refitting and establish serviceability according to manufacturer specifications, workplace procedures and workplace health and safety and environmental requirements
2. Remove battery	2.1 Prepare vehicle for battery removal according to workplace procedures and workplace health and safety and environmental requirements 2.2 Remove battery from vehicle according to manufacturer specifications, workplace procedures and workplace health and safety and environmental requirements 2.3 Inspect battery according to manufacturer specifications, workplace procedures, and workplace health and safety and environmental requirements 2.4 Record battery inspection results according to workplace procedures
3. Refit battery	3.1 Refit battery according to manufacturer specifications, workplace procedures, and workplace health and safety and environmental requirements 3.2 Check vehicle for correct electrical operation according to manufacturer specifications, workplace procedures, and workplace health and safety and environmental requirements
4. Complete work processes	4.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 Complete documentation according to workplace procedures

Foundation Skills

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

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently
Reading	- Selects and interprets key information from manufacturer specifications, workplace health and safety requirements and workplace procedures to safely remove and refit batteries - Selects and interprets key information from environmental requirements and workplace procedures to ensure a clean

SKILL	DESCRIPTION
	and safe work site
Oral communication	• Participates effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information
Numeracy	• Interprets numerical information embedded in battery identification codes
Planning and organising	• Plans own work requirements • Prioritises actions to achieve required outcomes
Self-management	• Recognises own limitations when selecting and using tools and equipment and seeks timely advice
Problem-solving	• Refers problems that cannot be readily resolved and seeks assistance from workplace supervisor
Technology	• Sets up and operates specialised equipment and tools.

Unit Mapping Information

Supersedes and is equivalent to AURETR046 Remove and refit vehicle batteries.

Links

Companion Volume Implementation Guide is found on VETNet -

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