



Australian Government

AURETR115 Inspect, test and service batteries

Release: 1

AURETR115 Inspect, test and service batteries

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 inspect and service vehicle, vessel and machinery batteries. It involves preparing for the task, inspecting battery systems, servicing the systems, and completing workplace processes and documentation, including any associated recommendations for further action.

The unit applies to those who work in the automotive service and repair industry. The battery systems include those in agricultural machinery, heavy commercial vehicles, light vehicles, vessels, motorcycles, mobile plant machinery or outdoor power equipment.

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 inspect, test and service battery	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret servicing information 1.3 Identify hazards and environmental issues, assess potential risks and implement control measures in line with workplace policies and procedures 1.4 Identify tools and equipment required for inspect and servicing activity and establish serviceability according to workplace procedures
2. Inspect and test battery	2.1 Carry out inspection and testing of battery systems according to manufacturer specifications, workplace procedures and

ELEMENT	PERFORMANCE CRITERIA
	workplace health and safety and environmental requirements 2.2 Carry out inspection and testing of battery circuits according to manufacturer specifications, workplace procedures and workplace health and safety and environmental requirements 2.3 Compare inspection results against manufacturer specifications 2.4 Report inspection findings and make recommendations for necessary repairs according to workplace procedures
3. Service and maintain battery	3.1 Service and maintain battery according to manufacturer and battery specifications, workplace procedures and workplace health and safety and environmental requirements 3.2 Carry out post-service testing according to manufacturer specifications workplace procedures, 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	Interprets information from manufacturer and workshop literature when seeking battery service procedures and specifications
Oral communication	Clarifies instructions and reports inspection findings to required personnel
Numeracy	- Matches battery types and identification numbers to workplace instructions and manufacturer specifications - Interprets and compares battery specifications and procedures
Technology	Uses specialised tools and equipment when inspecting, testing and servicing batteries

Unit Mapping Information

Supersedes and is equivalent to AURETR015 Inspect, test and service batteries.

Links

Companion Volume Implementation Guide is found on VETNet -

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