



Australian Government

AURSS00011 Battery Electric Vehicle Diagnosis and Repair Skill Set

Release 2

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Modification History

Release	Comment
Release 1	Replaces AUR05 Battery Electric Vehicle Diagnosis and Repair Skill Set Pathways Information updated Target Group updated Licensing statement updated
Release 2	Skill Set Requirements updated to include prerequisite units

Description

Not applicable.

Pathways Information

The skill set may be undertaken in addition to AUR30612 Certificate III in Light Vehicle Mechanical Technology, AUR30312 Certificate III in Automotive Electrical Technology, or as part of AUR40612 Certificate IV in Automotive Electrical Technology and AUR40212 Certificate IV in Automotive Mechanical Diagnosis.

Licensing/Regulatory Information

Licensing, legislative, regulatory or certification requirements may apply to this skill set. Readers should ensure that they have also read the part of the Training Package that outlines licensing and regulatory requirements.

Skill Set Requirements

A total of **7 units of competency** must be completed.

Units	
AURETH3001	Depower battery electric vehicles
AURETH4004	Diagnose and repair traction motor speed control device in battery electric vehicles
AURETH4005	Diagnose and repair high voltage traction motors in battery electric vehicles
AURETH4006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles
AURETH4008	Diagnose and repair high voltage cabin heating and cooling systems in battery electric vehicles
AURETH4009	Diagnose and repair DC to DC converters in battery electric vehicles
AURETR3025	Test, charge and replace batteries

Target Group

The skill set targets mechanics and automotive electricians who require the skills and knowledge to diagnose and repair battery electric vehicle (BEV) systems and components in an automotive workplace.

This is a skill set covering the requirements for diagnosing and repairing BEVs in the automotive retail, service and repair industry.

Suggested words for Statement of Attainment

These competencies from AUR12 Automotive Retail, Service and Repair Training Package meet the needs of mechanics and automotive electricians required to diagnose and repair battery electric vehicle systems and components. The units are drawn from endorsed Training Packages, and provide the skills and knowledge required by persons who diagnose, maintain and repair battery electric vehicles.

Custom Content Section

Not applicable.