



**Australian Government**

# **AURSS00034 Battery Electric Vehicle Diagnosis and Repair Skill Set**

**Release 1**

# AURSS00034 Battery Electric Vehicle Diagnosis and Repair Skill Set

## Modification History

Release	Comment
Release 1	New skill set. Equivalent to AURSS000011 Battery Electric Vehicle Diagnosis and Repair Skill Set. Skill set structure unchanged. Units upgraded to reflect new standards for Training Packages.

## Description

This is a skill set covering the fundamental requirements for diagnosing and repairing battery electric vehicle (BEV) systems and components in the automotive retail, service and repair industry.

## Pathways Information

The skill set may only be undertaken in addition to one of the following:

- AUR30316 Certificate III in Automotive Electrical Technology or equivalent
- AUR30616 Certificate III in Light Vehicle Mechanical Technology or equivalent

or as part of the following:

- AUR40216 Certificate IV in Automotive Mechanical Diagnosis or equivalent
- AUR40616 Certificate IV in Automotive Electrical Technology or equivalent

## 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 **5 units of competency** must be completed.

Units	
AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles
AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles
AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicles
AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles

## Target Group

The skill set targets automotive mechanical and electrical technicians who require the skills and knowledge to diagnose and repair BEV systems and components in an automotive workplace.

## Suggested words for Statement of Attainment

These units of competency are drawn from the AUR Automotive Retail, Service and Repair Training Package and meet the needs of automotive mechanical and electrical technicians required to diagnose and repair battery electric vehicle systems and components.

## Custom Content Section

Not applicable.