



Australian Government

AURSS00049 Vehicle Climate Control and HVAC Diagnostic Specialist Skill Set

Release 1

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Modification History

Release	Comment
Release 1	New skill set.

Description

This is a skill set covering the requirements for advanced diagnosis of vehicle climate control, heating ventilation and air conditioning (HVAC) systems and rechargeable energy storage systems (RESS) cooling systems in battery electric vehicles (BEVs) in the automotive retail, service and repair industry.

Pathways Information

The skill set may only be undertaken in addition to or as part of the following:

- AUR20216 Certificate II in Automotive Air Conditioning Technology or equivalent and the trainee must hold of a current ARC Refrigerant Handling License (RHL).

Licensing/Regulatory Information

This skill set involves licencing, legislative, regulatory or certification requirements.

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 **4 units of competency** must be completed.

Units	
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicles
AURETR020	Diagnose and repair network electronic control systems
AURETU006	Diagnose complex faults in air conditioning and HVAC systems

Target Group

The skill set targets automotive mechanical and electrical technicians who require the skills and knowledge to carry out the advanced diagnosis of automotive air conditioning, climate control and HVAC systems and RESS cooling systems of BEVs 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 carry out the advanced diagnosis of vehicle climate control, heating ventilation and air conditioning (HVAC) systems and rechargeable energy storage systems (RESS) cooling systems in battery electric vehicles.

Custom Content Section

Not applicable.