



Australian Government

AURSS00029 Automotive Electrical Skill Set for Light Vehicle Technicians

Release 1

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Modification History

Release	Comment
Release 1	New skill set. Equivalent to AURSS00006 Automotive Electrical Skill Set for Light Vehicle Technicians. Skill set structure unchanged. Units upgraded to reflect new standards for Training Packages.

Description

This is a skill set covering the fundamental requirements for light vehicle mechanical technicians to diagnose and repair electrical faults in contemporary vehicles 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:

- AUR30616 Certificate III in Light Vehicle Mechanical Technology qualification 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 **11 units of competency** must be completed.

Units	
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR006	Solder electrical wiring and circuits
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR009	Install vehicle lighting and wiring systems
AURETR010	Repair wiring harnesses and looms
AURETR011	Install basic ancillary electrical systems and components
AURETR016	Read and apply vehicle wiring schematics and drawings
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR028	Diagnose and repair instruments and warning systems
AURETR032	Diagnose and repair automotive electrical systems
AURETR043	Diagnose and repair electronic body management systems

Target Group

The skill set targets automotive light vehicle mechanical technicians who require the skills and knowledge to enable them to diagnose and repair electrical faults in contemporary vehicles 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 light vehicle mechanical technicians required to diagnose and repair electrical faults in contemporary vehicles.

Custom Content Section

Not applicable.