



**Australian Government**

# **AURSS00006 Automotive Electrical Skill Set for Light Vehicle Technicians**

**Release: 1**

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## **Modification History**

Release	Comment
Release 1	New skill set

## **Description**

Not applicable.

## Pathways Information

The skill set may be undertaken in addition to or as part of AUR30612 Certificate III in Light Vehicle Mechanical Technology qualification.

## 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	
AURETK2002	Use and maintain automotive electrical test equipment
AURETR2006	Carry out soldering of electrical wiring and circuits
AURETR2007	Demonstrate knowledge of automotive electrical circuits and wiring systems
AURETR2009	Install, test and repair vehicle lighting and wiring systems
AURETR2010	Fabricate, test and repair wiring harnesses and looms
AURETR2011	Install and test basic ancillary electrical components
AURETR2016	Read and apply vehicle wiring schematics and drawings
AURETR3024	Diagnose and repair electronic compression ignition engine management systems
AURETR3028	Diagnose and repair instruments and warning systems
AURETR3032	Repair electrical systems
AURETR3043	Service and repair electronic body management systems

## **Target Group**

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

This is a skill set covering the requirements for light vehicle mechanical technicians to gain the required skills and knowledge to diagnose and repair electrical faults in contemporary vehicles within the automotive retail, service and repair industry.

## **Suggested words for Statement of Attainment**

These competencies from AUR12 Automotive Industry Retail, Service and Repair Training Package meet the needs of automotive light vehicle mechanical technicians that would be required to diagnose and repair electrical faults in contemporary vehicles within the Automotive industry. The units are drawn from endorsed Training Packages, and provide the skills and knowledge required by light vehicle mechanical technicians diagnosing and repairing electrical faults in contemporary vehicles within the Automotive industry.

## **Custom Content Section**

Not applicable.