



Australian Government

AUR21220 Certificate II in Automotive Underbody Technology

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Modification History

Release	Comments
3	Superseded elective unit updated AURETR052 Apply knowledge of advanced driver assistance systems (ADAS) has been added to the general electives
2	This version first released with the Automotive Retail, Service and Repair Training Package Version 7.0. Minor update to qualification to include additional elective units.
1	This qualification was first released in AUR Automotive Retail, Service and Repair Training Package Release 6.0.

Qualification Description

This qualification reflects the role of individuals who perform a limited range of tasks on the underbody systems of a variety of vehicles in the automotive retail, service and repair industry.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil.

Packaging Rules

Total number of units = 14

4 core units, plus

10 elective units, of which:

- all **4** units in one of the Specialist Elective Groups A to C must be chosen
- of the remaining **6** units required to make up the elective unit total:
 - all **6** may be from the general elective units listed below

- up to **3** may be from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course.

Elective units chosen must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid vocational outcome.

Specialisations

Where relevant, specialisations can be used for this qualification in:

- General Underbody Repair
- Exhaust Repair
- Radiator and Cooling System Repair

The achievement of a specialisation will be identified on testamurs as follows:

- AUR21220 Certificate II in Automotive Underbody Technology (General Underbody Repair)
- AUR21220 Certificate II in Automotive Underbody Technology (Exhaust Repair)
- AUR21220 Certificate II in Automotive Underbody Technology (Radiator and Cooling System Repair)

General Underbody Repair specialisation

Select all 4 units in Specialist Elective Group A.

Exhaust Repair specialisation

Select all 4 units in Specialist Elective Group B.

Radiator and Cooling System Repair specialisation

Select all 4 units in Specialist Elective Group C.

Core Units

- AURAEA002 Follow environmental and sustainability best practice in an automotive workplace
- AURASA102 Follow safe working practices in an automotive workplace
- AURATA001 Identify basic automotive faults using troubleshooting processes
- AURTTK102 Use and maintain tools and equipment in an automotive workplace

Specialist Elective Units

Group A: Underbody Repair

- AURTTB101 Inspect and service braking systems
- AURTTD002 Inspect and service steering systems
- AURTTD004 Inspect and service suspension systems
- AURTTZ102 Diagnose and repair exhaust systems

Group B: Exhaust Repair

- AURTTA104 Carry out servicing operations
- AURTTTS101 Fabricate exhaust systems and components
- AURTTZ102 Diagnose and repair exhaust systems
- AURVTW109 Carry out basic gas metal arc welding

Group C: Radiator and Cooling System Repair

- AURTTC001 Inspect and service cooling systems
- AURTTC002 Repair radiators
- AURTTW001 Carry out soft soldering techniques
- AURVTW006 Carry out thermoplastic welding on vehicle trim components

General Elective Units

- AURACA101 Respond to customer needs and enquiries in an automotive workplace
- AURAF001 Use numbers in an automotive workplace
- AURAF002 Read and respond to automotive workplace information
- AURAF103 Communicate effectively in an automotive workplace
- AURAF104 Resolve routine problems in an automotive workplace
- AURAMA001 Work effectively with others in an automotive workplace
- AURAQA001 Contribute to quality work outcomes in an automotive workplace
- AURETR049 Install in-vehicle entertainment and convenience systems
- AURETR052 Apply knowledge of Advanced Driver Assistance Systems (ADAS)
- AURETR112 Test and repair basic electrical circuits
- AURLTD008 Replace and refit steering, suspension and braking system components
- AURLTJ102 Remove, inspect, repair and refit light vehicle tyres and tubes
- AURLTJ213 Remove, inspect and refit light vehicle wheel and tyre assemblies
- AURTTA009 Carry out mechanical pre-repair operations
- AURTTA104 Carry out servicing operations
- AURTTB013 Machine brake drums and brake disc rotors
- AURTTC103 Diagnose and repair cooling systems
- AURTTE104 Inspect and service engines
- AURTTQ001 Inspect and service final drive assemblies
- AURTTQ103 Inspect and service drive shafts
- AURTTTS101 Fabricate exhaust systems and components
- AURTTX102 Inspect and service manual transmissions

- AURTTX103 Inspect and service automatic transmissions
- AURTTZ001 Inspect and service emission control systems
- AURVTN043 Install external vehicle equipment
- AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting
- AURVTW109 Carry out basic gas metal arc welding

Pre-requisite Requirements

There are no prerequisites requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
AUR21220 Certificate II in Automotive Underbody Technology	AUR21216 Certificate II in Automotive Underbody Technology		Equivalent
AUR21220 Certificate II in Automotive Underbody Technology	AUR21416 Certificate II in Automotive Cooling System Technology		Not equivalent
AUR21220 Certificate II in Automotive Underbody Technology	AUR21716 Certificate II in Automotive Exhaust System Technology		Not equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/AUR>.