



Australian Government

AUR40216 Certificate IV in Automotive Mechanical Diagnosis

Release 2

AUR40216 Certificate IV in Automotive Mechanical Diagnosis

Modification History

Release	Comment
Release 1	New qualification.
Release 2	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0. Release created to reflect updated units of competency.

Qualification Description

This qualification reflects the role of individuals who perform advanced diagnostic tasks in the automotive retail, service and repair industry.

Entry Requirements

Those undertaking the Certificate IV in Automotive Mechanical Diagnosis must have completed an automotive mechanical Certificate III qualification, or be able to demonstrate equivalent competency.

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

Packaging Rules

Total number of units = 10

1 core unit, plus

9 elective units, of which:

- up to 9 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate III qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

Core Units

Unit code	Unit title	Prerequisite unit
AURTTA021	Diagnose complex system faults	

Elective Units

Unit code	Unit title	Prerequisite unit
AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles	AURETH001
AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles	AURETH001
AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles	AURETH001
AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	AURETH001
AURETH007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	AURETH001
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle	AURETH001
AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles	AURETH001 AURETR025
AURETH010	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles	AURETR025
AURETR037	Diagnose complex faults in light vehicle safety systems	
AURETU006	Diagnose complex faults in air conditioning and HVAC systems	
AURHTB106	Diagnose complex faults in heavy commercial vehicle braking systems	
AURHTD106	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	
AURHTE103	Diagnose complex faults in heavy vehicle diesel engines	

Unit code	Unit title	Prerequisite unit
AURHTX106	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	
AURJTD105	Diagnose complex faults in motorcycle steering and suspension systems	
AURJTE102	Diagnose complex faults in motorcycle engine and transmission systems	
AURKTA109	Diagnose complex faults in mobile plant hydraulic systems	
AURKTB103	Diagnose complex faults in mobile plant braking systems	
AURKTD105	Diagnose complex faults in mobile plant steering and suspension systems	
AURKTX103	Diagnose complex faults in mobile plant transmission and driveline systems	
AURLTB104	Diagnose complex faults in light vehicle braking systems	
AURLTD109	Diagnose complex faults in light vehicle steering and suspension systems	
AURLTE104	Diagnose complex faults in light vehicle petrol engines	
AURLTE105	Diagnose complex faults in light vehicle diesel engines	
AURLTX104	Diagnose complex faults in light vehicle automatic transmission and driveline systems	
AURMTA007	Conduct non-destructive testing	
AURMTE001	Test engines using a dynamometer	
AURMTF001	Analyse and repair performance carburetted fuel systems	
AURMTF002	Analyse and repair performance fuel injection systems	
AURMTQ001	Analyse and repair faults in performance driveline systems	
AURTTA125	Diagnose complex faults in vehicle integrated stability control systems	
AURTTA026	Diagnose complex faults in electronic over hydraulic systems	

Unit code	Unit title	Prerequisite unit
AURTTL111	Diagnose complex faults in CNG fuel systems	
AURTTL112	Diagnose complex faults in LNG fuel systems	
AURTTL113	Diagnose complex faults in LPG fuel systems	
AURTTR101	Diagnose complex faults in engine management systems	

Qualification Mapping Information

Equivalent to AUR40212 Certificate IV in Automotive Mechanical Diagnosis

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>