

Fact sheet

# Motor Mechanic

(ANZSCO: 321211)



## Job description

Motor Mechanics repair, maintain and test motor vehicle and other internal combustion engines and related mechanical components.

Their job involves:

- » detecting and diagnosing faults in engines and parts
- » dismantling and removing engine assemblies, transmissions, steering mechanisms and other components, and checking parts
- » repairing and replacing worn and defective parts and reassembling mechanical components, and referring to service manuals as needed
- » performing scheduled maintenance services, such as oil changes, lubrications and engine tune-ups, to achieve smoother running of vehicles and ensure compliance with pollution regulations
- » reassembling engines and parts after being repaired
- » testing and adjusting mechanical parts after being repaired for proper performance
- » diagnosing and testing parts with the assistance of computers.

The qualification relevant to this job is [AUR30616 Certificate III in Light Vehicle Mechanical Technology](#).

**NOTE:** This trade assessment is for generic motor mechanics dealing with light vehicles. It does not extend to heavy vehicle road transport or mobile equipment mechanic or speciality areas such as automotive air-conditioning mechanic, brake mechanic, diesel motor mechanic, motorcycle mechanic or outboard motor mechanic.

## How will I be assessed?

Assessment is conducted in two stages:

### Stage 1:

We will review your training and employment evidence to ensure you have:

- » 5 years' employment experience as a Motor Mechanic (with no formal training) **OR**
- » 3 years' experience as a Motor Mechanic (with relevant formal training\*).

\*'Formal training' is training that aligns with the national training standards in your country of training.

Your evidence must show you have worked in your occupation for at least 12 months within the last 3 years.

[For more information on the documents required for Stage 1, see the Evidence Guide on our website.](#)

### Stage 2:

If you are successful in Stage 1, an assessor will assess you via a technical interview. The technical interview will be conducted in English and no interpreters are allowed.

[For more information on Stage 2, see the Technical Interview Guide on our website.](#)



## What skills and knowledge do I need?

To be awarded the qualification AUR30616 Certificate III in Light Vehicle Mechanical Technology, you must demonstrate your skill and knowledge in a number of **units of competency**. Each unit of competency defines a selection of knowledge and skill required in Australian workplaces.

**You must achieve 36 units of competency:**

**20** core units

and

**16** elective units

These units have been organised into 7 groups as follows:

### GENERAL AUTOMOTIVE WORKPLACE SKILLS

- » AURAEA002 Follow environmental and sustainability best practice in an automotive workplace [Core]
- » AURAF002 Read and respond to automotive workplace information [Elective]
- » AURASA002 Follow safe working practices in an automotive workplace [Core]
- » AURTTA018 Carry out diagnostic procedures [Core]
- » AURTTK002 Use and maintain tools and equipment in an automotive workplace [Core]
- » AURAF003 Communicate effectively in an automotive workplace [Elective]
- » AURTTK001 Use and maintain measuring equipment in an automotive workplace [Elective]

### ELECTRONICS AND BATTERIES

- » AURETR012 Test and repair basic electrical circuits [Core]
- » AURETR025 Test, charge and replace batteries and jump-start vehicles [Core]
- » AURETR029 Diagnose and repair charging systems [Core]
- » AURETR030 Diagnose and repair starting systems [Core]
- » AURETR043 Diagnose and repair electronic body management systems [Elective]

### ENGINES AND COOLING SYSTEMS

- » AURETR031 Diagnose and repair ignition systems [Core]
- » AURLTE001 Remove and install light vehicle engine assemblies [Elective]
- » AURLTE002 Diagnose and repair light vehicle engines [Core]
- » AURTTA004 Carry out servicing operations [Core]
- » AURTTA005 Select and use bearings, seals, gaskets, sealants and adhesives [Elective]
- » AURTTK003 Diagnose and repair cooling systems [Core]
- » AURTTK004 Inspect and service engines [Core]
- » AURTTK001 Inspect and service cooling systems [Elective]





## PETROL FUEL SYSTEMS

- » AURLTZ001 Diagnose and repair light vehicle emission control systems [Core]
- » AURTTF001 Inspect and service petrol fuel systems [Core]
- » AURETR023 Diagnose and repair spark ignition engine management systems [Core]

## STEERING, SUSPENSION AND BRAKES

- » AURLTB003 Diagnose and repair light vehicle hydraulic braking systems [Core]
- » AURLTD004 Diagnose and repair light vehicle steering systems [Core]
- » AURLTD005 Diagnose and repair light vehicle suspension systems [Core]
- » AURTTB001 Inspect and service braking systems [Core]
- » AURTTD002 Inspect and service steering systems [Elective]
- » AURTTD004 Inspect and service suspension systems [Elective]

## CLUTCH AND FINAL DRIVES

- » AURLTQ001 Diagnose and repair light vehicle final drive assemblies [Elective]
- » AURLTQ012 Diagnose and repair light vehicle drive shafts [Elective]
- » AURTTQ001 Inspect and service final drive assemblies [Elective]
- » AURTTQ003 Inspect and service drive shafts [Elective]
- » AURTTX002 Inspect and service manual transmissions [Elective]
- » AURTTX003 Inspect and service automatic transmissions [Elective]
- » AURLTX013 Diagnose and repair light vehicle clutch systems [Elective]

## OPTIONAL UNITS

- » AURETR044 Diagnose and repair integrated engine and transmission management systems [Elective]
- » AURLTX001 Diagnose and repair light vehicle manual transmissions [Elective]
- » AURLTX002 Diagnose and repair light vehicle automatic transmissions [Elective]



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## How do I find out more about each unit of competency?

You are **strongly encouraged** to review each of the units of competency shown above. To do this:

1. Go to the following website: <http://training.gov.au/Search/Training>
2. Enter a unit code (e.g. AURAEA002) into the 'Title or code' search box
3. Tick the 'Units of competency' check box
4. Select the 'Search' button
5. Select the unit from the search results
6. Read the Unit of Competency information

## What will I receive after the assessment?

If you **successfully** complete Stage 2 you will receive the following:

- » an Australian Certificate III qualification and a Statement of Results
- » a migration outcome letter if the assessment is to support your visa application.

If you are **unsuccessful** in Stage 2 you will receive:

- » a Statement of Attainment that lists the units of competency you successfully achieved
- » a Statement of Results that lists units of competency you have successfully achieved and those that were not achieved.

## Where can I find more information?

Please refer to our website: <http://www.vetassess.com.au/skills-assessment-for-migration/trade-occupations>

If you have further questions, contact us at:

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