



**Australian Government**

# **Assessment Requirements for AURATA001**

## **Identify basic automotive faults using troubleshooting processes**

**Release: 1**

# Assessment Requirements for AURATA001 Identify basic automotive faults using troubleshooting processes

## Modification History

Release	Comment
Release 1	New unit of competency.

## Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in the unit's elements and performance criteria, range of conditions and foundation skills:

- follow basic troubleshooting processes to identify a basic and familiar automotive fault in three of the following systems:
  - engine
  - engine management system
  - manual transmission
  - automatic transmission
  - driveline
  - final drive
  - braking system
  - hydraulic system
  - electrical system, excluding engine management
  - steering or suspension system
  - wheels and tyres
- report findings on the identified faults in the above systems.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to identifying basic automotive faults using troubleshooting processes, including procedures for selecting and using personal protective equipment (PPE)
- basic troubleshooting techniques and processes, including:
  - customer questioning skills to facilitate identification of vehicle system fault

- use of simple diagnostic charts
- procedures for reporting and documenting findings.

## Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the basic faults they have identified in vehicles or machinery using troubleshooting processes, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace
- vehicles and components with basic faults
- equipment appropriate for troubleshooting basic automotive faults
- vehicle, machinery and equipment specifications.

## Links

Companion Volume implementation guides are found in VETNet -

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

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