



Australian Government

Assessment Requirements for AUMATA004 Diagnose and repair mechanical faults

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATA3004 Rectify mechanical faults on assembled vehicles

Performance Evidence

Before competency can be determined, individuals must have competently conducted mechanical rectification to a vehicle and its components on a minimum of two occasions.

Individuals must demonstrate they can:

- locate, interpret and apply relevant work instructions and job specifications
- comply with work health and safety (WHS) requirements relating to diagnosing and repairing mechanical faults
- follow workplace procedures relating to repairing mechanical faults
- use tools and equipment safely when repairing mechanical faults
- communicate and work effectively with others in an automotive manufacturing environment
- repair at least two of the following mechanical faults to specification:
 - ancillary mechanical components
 - brakes
 - engine and drive train
 - fluid leaks
 - steering and suspension
- complete work sheets detailing work activity relating to diagnosing and repairing mechanical faults.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relating to rectifying mechanical faults
- work instructions and workplace procedures relating to rectifying mechanical faults
- workplace quality standards relating to rectifying mechanical faults
- manufacturing and production techniques relevant to repairing mechanical faults

- tools and equipment used to repair mechanical faults
- common mechanical faults, symptoms and diagnosis techniques
- vehicle mechanical systems, parts and their construction
- vehicle specifications.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

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

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles that they have worked on, 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 manufacturing workplace or simulated workplace
- work orders and instructions, and workplace procedures relating to rectifying mechanical faults
- WHS requirements relevant to rectifying mechanical faults
- production line of vehicles or components with mechanical faults
- tools and equipment for rectifying mechanical faults
- workplace repair documentation and job specifications.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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