



Australian Government

**Assessment Requirements for AURJTJ001
Remove, inspect and refit motorcycle wheel
and tyre assemblies**

Release: 1

Assessment Requirements for AURJTJ001 Remove, inspect and refit motorcycle wheel and tyre assemblies

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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- remove, inspect, refit and adjust the wheel and tyre assemblies of three different motorcycles, including:
 - one front wheel assembly
 - one of each of the following rear wheel assemblies:
 - chain driven
 - belt driven
 - driveshaft driven.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing, inspecting and refitting motorcycle wheel and tyre assemblies, including procedures for:
 - lifting and supporting motorcycles
 - manually handling wheel and tyre assemblies
- types and applications of wheel assemblies, including:
 - wire spoke wheels
 - composite type wheels
 - one piece wheels
- types and applications of motorcycle drives, including:
 - chain drive

- belt drive
- driveshaft drive systems
- procedures for removing and refitting motorcycle wheel and tyre assemblies, including:
 - spoke tensioning
 - axle nut tensioning
 - drive chain and drive belt tensioning
- procedures for inspecting motorcycle wheel and tyre assemblies, including:
 - tyre condition
 - rim condition
 - anti-lock braking sensor and signal rotor
 - tyre pressure monitoring units
- post-fitting procedures and checks of motorcycle wheel and tyre assemblies, including:
 - wheel balancing
 - wheel and tyre assembly run-out
 - correct operation of other systems affected by removing and refitting wheel assemblies, including checking wheel assembly coding of the electronic control unit (ECU).

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 motorcycle wheel and tyre assemblies 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 repair workplace or simulated workplace
- workplace instructions
- manufacturer motorcycle wheel and tyre assembly specifications
- three different motorcycles with the front and rear wheel assemblies specified in the performance evidence
- tools, equipment and materials appropriate for removing, inspecting and refitting motorcycle wheel and tyre assemblies.

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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