



Australian Government

Assessment Requirements for AURTTJ002 Remove, inspect and refit wheel hubs and associated brake components

Release: 1

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

- remove, inspect, refit and adjust:
 - one disc brake hub and associated brake components
 - one drum brake hub and associated brake components.

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 and refitting wheel hubs and associated brake components, including procedures for:
 - lifting and supporting vehicles and wheel hubs
 - handling and controlling brake dust and brake fluids
- environmental requirements, including procedures for trapping, storing and disposing of brake dust and brake fluid
- application, purpose and function of wheel hubs and associated brake components, including:
 - discs, pads and brake calipers
 - drums, brake linings, wheel cylinders and hydraulic components
 - park braking devices
 - wheel bearing types
- basic operation of braking systems, including:
 - hydraulic braking systems
 - mechanical braking systems

- types and applications of brake hydraulic fluids and wheel bearing greases
- procedures for removing, inspecting, refitting and adjusting wheel hubs and associated brake components, including:
 - brake bleeding
 - brake and park brake adjustment
 - wheel bearing lubrication and adjustment
- post-fitting procedures and checks of wheel hubs and associated brake components.

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 vehicle wheel hubs and brake components 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 wheel hubs and associated brake component specifications
- two different vehicles for removing and refitting the wheel hubs and associated brake components specified in the performance evidence
- tools, equipment and materials appropriate for removing, inspecting and refitting wheel hubs and associated brake components.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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