



Australian Government

**Assessment Requirements for AURTTJ012
Remove, inspect and refit wheel hubs and
associated brake components**

Release: 1

Assessment Requirements for AURTTJ012 Remove, inspect and refit wheel hubs and associated brake components

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

The candidate must demonstrate the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must demonstrate removing, inspecting, refitting and adjusting the following wheel hubs safely according to workplace procedures to meet required outcomes:

- one disc brake hub and associated brake components
- one drum brake hub and associated brake components

Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures relating to the removal, inspection and refitting of wheel hubs and brake components, including:

- how to locate and interpret manufacturer specifications or equivalent documentation, manufacturer procedures and workplace procedures for removing, inspecting and refitting wheel hubs and associated brake components
- the following workplace health and safety requirements relating to removing, inspecting 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
- the following environmental requirements and procedures:
 - trapping, storing and disposing of brake dust and brake fluid
- 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
- workplace housekeeping and documentation procedures

Wheel hubs and associated brake components technical information, including:

- the purpose of:
 - discs, pads and brake calipers
 - drums, brake linings, wheel cylinders and hydraulic components
 - park braking devices
 - wheel bearing types
- the basic operation of the following braking systems:
 - hydraulic braking systems
 - mechanical braking systems
- the types and uses of brake hydraulic fluids and wheel bearing greases
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Assessment Conditions

The assessment must:

- include access to:
 - an automotive repair workplace or simulated workplace that reflects workplace conditions - where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources
 - repair orders and workplace instructions relating to remove, inspect and refit activity
 - workplace procedures relating to remove, inspect and refit activity
 - manufacturer specifications or equivalent documentation for wheel hubs and associated brake component
 - vehicle 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
- be demonstrated in the workplace or in a simulated environment that reflects workplace conditions
- be conducted in a safe environment
- be assessed in compliance with relevant policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances

Assessor Requirements

Assessors of this unit must:

- satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards

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Links

Companion Volume Implementation Guides are found in VETNet -

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