



Australian Government

Assessment Requirements for AURHTJ103 Remove, inspect and refit heavy vehicle wheel and tyre assemblies

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- remove, inspect, refit and adjust the wheel and tyre assemblies on the steer and drive axle dual wheels of a heavy vehicle
- remove, inspect, refit and adjust the demountable rim and tyre assemblies on the steer and drive axle dual wheels of a second heavy vehicle.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to remove, inspect and re-fit heavy vehicle wheel and tyre assemblies, including:
 - manufacturer specifications and procedures
- workplace procedures required to remove, inspect and re-fit heavy vehicle wheel and tyre assemblies, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- workplace health and safety (WHS) requirements relating to heavy vehicle wheel and tyre assemblies, including procedures for:
 - working with wheel and tyre assemblies and air inflation pressures
 - working with multi-piece split wheels, split and multi-piece wheels and rims

- manually handling wheel and tyre assemblies
- lifting and supporting heavy vehicles
- types and applications of wheel assemblies, including:
 - cast spoke wheels
 - disc wheels, including:
 - stud piloted wheels
 - hub piloted wheels
 - studs and nuts for disc wheels
 - multi-piece split wheels
 - demountable rims, including:
 - single piece tyre-to-rim assemblies
 - multi-piece tyre-to-rim assemblies
 - spacer band
 - rim clamps, studs and nuts for demountable rims
- procedures for removing, inspecting and refitting heavy vehicle wheel and tyre assemblies, including wheel nut tensioning procedures
- post-fitting procedures and checks of heavy vehicle wheel and tyre assemblies, including:
 - correct operation of vehicle systems affected by the removal and refitting of wheel assemblies
 - wheel and tyre assembly run-out.

Assessment Conditions

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 heavy vehicle 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 wheel and tyre assembly specifications
- two different heavy vehicles and heavy vehicle wheel and tyre assemblies, including:
 - disc wheels and tyres
 - demountable rims, tyres and cast spoke wheels
- tools, equipment and materials appropriate for removing, inspecting and refitting heavy vehicle wheel and tyre assemblies.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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