



Australian Government

**Assessment Requirements for AURHTJ106
Remove, inspect, repair and refit heavy
vehicle tyres and tubes**

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, repair and refit heavy vehicle tyres to both split lock ring and one piece wheels, including repairs or replacements to:
 - at least two tubes
 - at least two radial ply tyres.

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, repair and re-fit heavy vehicle tyres and tubes, including:
 - manufacturer specifications and procedures
- workplace procedures required to remove, inspect, repair and re-fit heavy vehicle tyres and tubes, 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 tyres and tubes, including procedures for:
 - deflating and inflating tyres

- manual handling when lifting wheel assembly
- removing, repairing and refitting tyres and tubes
- environmental requirements relating to heavy vehicle tyres and tubes, including procedures for:
 - trapping and disposing of tyre material produced during repair procedures
- procedures for removing, inspecting, repairing and refitting tyres and tubes, including:
 - split lock rings
 - rim or hub mounted multi-piece rims
 - one piece wheels
 - two piece split wheels
- types and uses of tyres, tubes, wheels and rims, including:
 - radial and bias ply tyres
 - tubed and tubeless tyres
 - rim or hub mounted multi-piece wheels
 - one piece wheels
 - two piece split wheels
- types and operation of tyre changing equipment and tyre and tube repair equipment
- post-fitting procedures and checks of heavy vehicle tyres and tubes.

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 tyres and tubes 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 tyre and tube repair procedures and specifications
- heavy vehicle tyres, tubes, wheel and rim assemblies specified in the performance evidence
- tools, equipment and materials appropriate for removing, inspecting, repairing and refitting heavy vehicle tyres and tubes, including:
 - tyre and tube repair tools and equipment
 - tyre and tube repair consumables
 - tyre changing tools and equipment.

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>