



Australian Government

**Assessment Requirements for AURLTB001
Overhaul light vehicle braking system
components**

Release: 1

Assessment Requirements for AURLTB001 Overhaul light vehicle braking system components

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:

- overhaul the following light vehicle braking system components:
 - tandem brake master cylinder
 - vacuum brake booster
 - front and rear brake calipers and disc rotors
 - drum brake wheel cylinders, brake shoes and drums
 - brake line.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to overhauling braking system components, including procedures for:
 - trapping, storing and disposing of brake dust and brake fluids
 - using specialised braking system component overhaul tools, equipment and machinery
 - safely using chemicals and toxic substances
- environmental requirements, including procedures for trapping, storing and disposing of fluids released from braking systems
- types, characteristics and operating principles of light vehicle braking systems and associated components
- light vehicle braking system component overhaul procedures, including:
 - methods for cleaning and preparing braking system components for overhaul
 - braking system component dismantling procedures

- braking system component inspection, measuring and evaluation procedures, including methods for measuring and calculating tolerances and clearances
- braking system component repair and adjustment procedures, including:
 - tandem brake master cylinders
 - vacuum brake boosters
 - front and rear brake calipers
 - disc rotors
 - drum brake wheel cylinders
 - brake shoes and drums
 - brake lines
- component assembly procedures, including procedures for measuring and calculating tolerances, and adjusting components
- post-overhaul testing procedures for light vehicle braking system 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 braking system 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:

- mechanical repair workplace or simulated workplace
- workplace instructions
- manufacturer light vehicle braking system component specifications
- light vehicle braking system components specified in the performance evidence and requiring overhaul
- tools, equipment and materials appropriate for overhauling and adjusting light vehicle braking system components.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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