



Australian Government

Assessment Requirements for AURTTB005 Assemble and fit braking system 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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- assemble and fit three different components from one of the following braking systems:
 - hydraulic
 - pneumatic over hydraulic
 - vacuum over hydraulic
 - electric
 - electric over hydraulic
 - pneumatic.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to assembling and fitting brake system components, including procedures for:
- lifting and supporting vehicles
- handling and controlling brake dust and brake fluids
- environmental requirements, including procedures for trapping, storing and disposing of brake dust and brake fluid released during assembly and fitting process
- operating principles and construction of the following braking systems:
 - hydraulic
 - pneumatic over hydraulic
 - vacuum over hydraulic
 - electric
 - electric over hydraulic

- pneumatic
- procedures and techniques for assembling braking system components
- procedures and techniques for fitting and testing 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 systems and components that they have assembled and fitted, 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
- braking system component manufacturer specifications
- components of the braking systems specified in the performance evidence
- vehicles requiring the fitting and assembly of the braking systems specified in the performance evidence
- equipment, hand and power tooling appropriate for assembling, fitting and testing braking systems and associated 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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