



Australian Government

**Assessment Requirements for AURTTB015
Assemble and fit braking system
components**

Release: 1

Assessment Requirements for AURTTB015 Assemble and fit braking system components

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

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

The candidate must demonstrate assembling and fitting three different components from one of the following braking systems:

- hydraulic
- pneumatic over hydraulic
- vacuum over hydraulic
- electric
- electric over hydraulic
- pneumatic
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Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures for assembling and fitting braking system components including:

- how to locate and interpret manufacturer specifications or equivalent documentation and workplace procedures for assembling and fitting braking system components
- the following workplace health and safety requirements relating to assembling and fitting brake system components:
 - procedures for lifting and supporting vehicles
 - procedures for handling and controlling brake dust and brake fluids
- the following technical braking systems information including:
 - procedures and techniques for assembling braking system components
 - procedures and techniques for fitting and testing braking system components
- environmental procedures for trapping, storing and disposing of brake dust and brake fluid released during assembly and fitting process
- workplace housekeeping and documentation procedures

Technical braking systems information including:

- the operation of the following braking systems and their components:
 - hydraulic
 - pneumatic over hydraulic
 - vacuum over hydraulic
 - electric
 - electric over hydraulic
 - pneumatic
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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
 - workplace instructions relating to the assembly and fit of braking system component
 - workplace procedures relating to assembly and fit of braking system components
 - manufacturer specifications or equivalent information relating to the assembly and fit of braking system components
 - 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
- 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>