



Australian Government

Assessment Requirements for AURTTB007 Remove and replace brake assemblies

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:

- correctly remove and replace the brake assemblies of at least two different vehicles.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- key aspects of work health and safety (WHS), occupational health and safety (OHS) and environmental requirements, including:
 - use of personal protective equipment, including safety glasses, ear protection and safety footwear
 - use of hand tools and lifting equipment
 - safety data sheets (SDS) and procedures for handling and disposing of waste brake fluid, lubricants and asbestos-based products, including brake dust
- types, application and basic operation of brake assembly, including:
 - disc brake systems
 - drum brake systems
 - hand brake systems
 - brake fluids
- brake assembly function and basic principles of operation
- brake assembly component names and their functions
- brake assembly dismantling procedures, including:
 - disc caliper, pad and disc removal
 - brake drum, shoes and wheel cylinder removal
- brake assembly inspection procedures, including:
 - brake hose serviceability
 - disc thickness

- disc runout
- brake shoe serviceability
- brake drum wear
- brake assembly replacement procedures, including:
 - disc pad replacement
 - caliper pin lubrication
 - disc replacement
 - brake cylinder and shoe replacement
 - bleeding and adjustment procedures
- work area clean-up and maintenance requirements.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles where they have removed and replaced front and rear brake assemblies, 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 workplace or simulated workplace
- personal protective equipment appropriate to the workplace
- two vehicles fitted with front and rear brake assemblies, including disc and drum brake assemblies
- tools and special equipment, including lifting equipment.

Links

Companion Volume implementation guides are found in VETNet -

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

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