



Australian Government

Assessment Requirements for AURTTE006 Remove and replace conventional engine 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:

- remove and replace at least one engine assembly from a conventional rear wheel drive vehicle.

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 safety glasses, ear protection and safety footwear
 - use of engine lifting equipment
 - collection and disposal of used engine lubricants and coolant
- types, application and basic operation of engines, including:
 - multi-cylinder configurations
 - petrol and diesel classifications
 - engine lubrication requirements, including types and classifications of engine lubricants
- engine assembly removal procedures
- engine assembly and associated component inspection procedures, including procedures for inspecting:
 - cooling system components
 - electrical system components
 - exhaust system components
 - fuel system components
- engine assembly replacement procedures, including pre-startup checks and post-startup checks

- 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 the engine assembly, 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
- an operable vehicle with rear wheel drive
- automotive tools, engine assembly lifting equipment and attachments
- engine oil
- engine coolant.

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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