



Australian Government

Assessment Requirements for AURTTQ001 Inspect and service final drive 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:

- inspect and service the final drive assemblies of two different vehicles or machinery, in which the work must involve:
 - evaluating lubricant condition
 - inspecting and adjusting lubricant levels
 - visually inspecting the assemblies for leaks or damage.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to inspecting and servicing final drive assemblies, including procedures for working with hazardous final drive lubricants
- environmental requirements, including procedures for trapping, storing and disposing of oil released from final drive assemblies
- identification and function of final drive assemblies and components, including:
 - banjo-type final drives
 - unitised final drives
 - transaxle final drives
 - differentials, including limited slip differentials
- types and applications of final drive assembly lubricants and additives
- inspection procedures for final drive assembly, including:
 - checking assembly for lubricant leaks or physical damage
 - checking lubricant condition and levels

- service and adjustment procedures for final drive assembly, including topping up or replacing lubricant as required
- post-service testing procedures for final drive assembly.

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 final drive assemblies 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:

- automotive repair workplace or simulated workplace
- workplace instructions
- manufacturer final drive specifications
- two different vehicles or machinery with final drive assemblies requiring servicing
- tools, equipment and materials appropriate for inspecting and servicing final drive assemblies.

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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