



Australian Government

Assessment Requirements for AURTTD004 Inspect and service suspension systems

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 front and rear suspension systems of two different vehicles or machinery.

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 suspension systems, including procedures for:
 - working with stored energy
 - isolating and stabilising vehicles and machinery
- environmental requirements, including procedures for trapping, storing and disposing of lubricants and fluids released from suspension systems
- identification, function and basic operation of major front and rear suspension components, including:
 - spring types and dampers
 - suspension arms
 - suspension components
- types and applications of lubricants and fluids
- inspection procedures for suspension systems, including:
 - analysing component wear
 - checking fluid and air leaks
 - evaluating physical damage
- service and adjustment procedures for suspension systems, including:

- adjusting and replenishing oil and fluid levels as required
- lubricating components
- post-service testing procedures for suspension systems.

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 suspension systems 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 suspension system specifications
- two different vehicles or machinery with suspension systems requiring servicing
- tools, equipment and materials appropriate for inspecting and servicing suspension systems.

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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