



Australian Government

Assessment Requirements for AURTTD003

Inspect suspension systems

Release: 1

Assessment Requirements for AURTTD003 Inspect suspension systems

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 standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- inspect the front and rear suspension systems of two different vehicles.

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 suspension systems, including procedures for:
 - lifting and supporting vehicles
 - working with stored energy in springs and accumulators
- identification and function of major front and rear suspension components, including:
 - control arms, bushes, links and rods
 - ball joints
 - struts and springs
 - leaf springs, hangers and shackles
 - torsion bars
 - air suspension
 - shock absorbers
 - height control systems
- basic operation of front and rear suspension systems
- inspection and reporting procedures for suspension systems and components, including:
 - component wear analysis
 - fluid leaks.

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 with suspension systems requiring inspection prior to wheel alignment
- tools, equipment and materials appropriate for inspecting 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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