



Australian Government

Assessment Requirements for AURJTD001 Inspect motorcycle 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 the front and rear suspension systems of at least two different motorcycles.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) relating to inspecting motorcycle suspension systems, including procedures for:
 - working with stored energy in springs
 - lifting and supporting motorcycles
- identification and function of motorcycle suspension systems, including:
 - shock absorbers, including:
 - twin shock absorbers
 - mono-shock absorbers
 - telescopic fork suspension
 - inverted telescopic fork suspension
 - front telelever and duolever
 - rear swing arm suspension
- types and applications of suspension fluids and lubricants
- inspection procedures for motorcycle suspension systems, including:
 - oil leaks
 - ride height
 - component wear

- tyres and inflation
- mounting bolts and attachments
- suspension bearings and bushing.

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 motorcycle suspension systems that they have inspected, 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
- task instructions
- manufacturer suspension system specifications
- two different motorcycles
- tools, equipment and materials appropriate for inspecting motorcycle 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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