



Australian Government

Assessment Requirements for AURMTD002 Prepare competition vehicle suspension

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:

- prepare the suspensions of two different competition 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 preparing competition vehicle suspension, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - managing stored energy in springs
- environmental requirements, including procedures for trapping, storing and disposing of fluids released from dampers
- function, configurations, application and limitations of competition vehicle suspension systems
- suspension system dismantling and testing procedures, including:
 - suspension setting measurement procedures and calculations
 - on-vehicle damper and spring assembly testing procedures
 - damper and spring assembly removal and replacement procedures
 - damper bench-testing, dismantling, inspection, measurement and evaluation procedures
 - spring assembly off-vehicle testing, dismantling, inspection, measurement and evaluation procedures
- suspension system assembly and adjustment procedures, including:
 - damper oil refilling, bleeding and re-gassing procedures

- spring assembly reassembly procedures
- suspension setting adjustment and configuration procedures.

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 competition vehicle suspensions that they have prepared, e.g. work order.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- motor sport workplace or simulated workplace
- suspension components
- two different competition vehicles
- tools and equipment appropriate for preparing competition vehicle suspension.

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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