



**Australian Government**

**Assessment Requirements for AURTTD006  
Remove and replace vehicle front  
suspension springs**

**Release: 1**

# Assessment Requirements for AURTTD006 Remove and replace vehicle front suspension springs

## 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:

- correctly remove and replace the front suspension springs of at least two different vehicles.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- key aspects of work health and safety (WHS) and occupational health and safety (OHS) requirements, including:
  - dangers of working with stored energy in suspension springs
  - use of personal protective equipment, including safety glasses, ear protection and safety footwear
  - use of hand tools and lifting and supporting equipment
- types, application and basic operation of front suspension springs, including:
  - MacPherson strut
  - coil springs
- suspension spring removal procedures, including procedures for compressing springs
- suspension spring and associated component inspection procedures
- suspension spring replacement procedures, including ride height measurement procedures
- work area clean-up and maintenance requirements.

## Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles where they have removed and replaced front suspension springs, 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
- personal protective equipment appropriate to the workplace
- two vehicles with complete front suspension assemblies
- tools and special equipment, including lifting and supporting equipment.

## 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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