



Australian Government

**Assessment Requirements for AURTTY001
Repair vehicle chassis, frame and associated
components**

Release: 1

Assessment Requirements for AURTTY001 Repair vehicle chassis, frame and associated components

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:

- repair one chassis and its frame and components, in which the work must involve two of the following types of damage:
 - diamond and twist damage
 - kick-up and kick-down
 - sag
 - mash and sway.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to repairing vehicle chassis, frame and associated components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using specialist tools and equipment
 - identifying workplace hazards
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- steps in repair inspection process
- original equipment manufacturer (OEM) or authorised agency specifications and recommended repair procedures
- features of different types of chassis damage, including:
 - diamond and twist damage

- kick-up and kick-down
- sag
- mash and sway
- procedures for determining chassis reparability
- vehicle design characteristics, including:
 - mono unitised
 - alloy and high strength steel (HSS) chassis
- chassis repair, replacement and alignment techniques
- key characteristics of welding types and techniques
- limitations on drilling and welding to chassis
- type and use of chassis repair tools and equipment, including:
 - application of heat colours, heat crayons and thermal temp gun
 - hydraulic repair equipment
 - equipment maintenance procedures
- measuring and alignment procedures
- type and use of measuring equipment, including:
 - gun sight gauges
 - drop lining
 - trammel gauges
 - tape measures
- final inspection procedures
- work area clean-up and maintenance requirements
- procedures for completing workplace documentation.

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 vehicle chassis, frames and components that they have repaired, 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
- workplace instructions
- OEM specifications and repair instructions
- PPE required to repair chassis, frame and components

- one chassis requiring repair, and its frame and associated components
- measuring and alignment equipment
- tools and equipment appropriate for repairing vehicle chassis, frame and components.

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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