



Australian Government

Assessment Requirements for AURVTN022 Repair vehicle body misalignment

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

- repair vehicle body misalignment, including two of the following sections:
 - vehicle front chassis section
 - rear panels and floor section
 - side sill and pillar section.

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 body misalignment, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling measuring equipment
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- original equipment manufacturer (OEM) or authorised agency's recommended repair procedures for removing, replacing and realigning vehicle bodies
- following vehicle design characteristics and their implications for repair and realignment methods:
 - mono
 - unitised
 - chassis
 - space frame

- types of misalignment damage, including:
 - under and upper body damage
 - sway
 - sag
 - twist
 - kick-up and kick-down
 - mash and diamond
- methods and techniques for identifying misalignment damage, including:
 - visual, mechanical and physical checking
 - use of measuring and alignment equipment
- repair techniques, including:
 - panel beating, welding, mechanical fastening, riveting, removing and aligning vehicle body sections
 - correct use of tools and equipment, including hydraulic or pneumatic repair equipment
 - digital and non-digital measuring equipment and dedicated jigs
 - welding techniques
 - hydraulic reforming
- procedures for final inspection of vehicle body misalignment repair.

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 misalignments 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 repair workplace or simulated workplace
- workplace instructions
- PPE required to repair vehicle body misalignment
- OEM or authorised agency repair procedures
- vehicle specifications
- welding equipment
- measuring system
- straightening equipment
- two misaligned vehicle body sections as specified in the performance evidence

- tools, equipment and materials appropriate for repairing vehicle misalignment.

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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